

HydraMaster
We've Got Your Back



2020 Sales and Product Training

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Your Trainer



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Your HydraMaster Sales Reps



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2020 Sales and Product Training Index/Agenda

**About
HydraMaster-
Competitive
Analysis**

**Direct Drive
Truckmounts**

**Slide-In
Truckmounts**

**Selling
Truckmounts**

Tools & Wands

**Truckmount
Accessories**

**High
Performance
Portable
Extractors**

**Restoration
Equipment**

**Addendum:
Chemicals**



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What are the three different categories of truckmounts and what are the related advantages and disadvantages of each?



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There are 3 types of truckmounts

- 1) Direct Drive (sometimes referred to as clutch drive or PTO)
- 2) Slide-In Units
- 3) Mobile Truckmounts



Enabling the success of the cleaning and restoration contractor through innovative design, quality construction, reliable performance, and unparalleled support

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There are 3 types of truckmounts

1) Direct Drive (sometimes referred to as clutch drive or PTO)

- Direct drive units are powered by the engine of the host vehicle and are known for their simplicity, ease of operation and training, reduced downtime, and long-term reliability. They provide for a more safe, secure, and quieter operation as they can be operated with the van doors closed. Their incredibly small footprint in the van leaves you more room to haul all your other gear.
- Direct drive truckmounts tend to have a higher resale value when the time comes for you to replace them.
- Perhaps most importantly HydraMaster is the leading manufacturer and seller of direct drive truckmounts in the world. We have been making them longer and understand them better than anyone.



CDS 4.8
OVERDRIVE



CDS xDRIVE
XACCELERATED DRIVE SYSTEM

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There are 3 types of truckmounts

2) Slide-in Truckmounts

- Slide-in truckmounts get their power from a self-contained air cooled or water-cooled engine.
- They basically “slide” into the back of a van, box truck, or trailer. They range from entry level machines to multi-wand powerhouses.
- They have a wider range of choices in horsepower, vacuum size, and versatility in the vehicle you mount them into.
- They are generally less expensive to get into than a direct drive truckmount and can more easily be paired with used vans or vehicles.
- As your business grows and changes, if you change or upgrade your vehicle, a slide-in can be removed and re-installed much easier and for less cost than a direct drive truckmount.
- HydraMaster was one of the original inventors of truckmounts, and has been manufacturing slide-in truckmounts since 1971.

TITAN TOUGH



BOXXER 318HP

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There are 3 types of truckmounts

3) Mobile Truckmounts

- The TMTG does not require the contractor or facility to permanently tie up a vehicle. The unit is simply forklifted into the transport vehicle for delivery to the job site, or shipped by container or crate to the worksite.
- The complete self-contained, turn-key system can be transported via flatbed or pick-up truck, van, trailer, or even an industrial cart. The complete system includes: a wastewater recovery tank; high capacity automatic wastewater disposal system (for pumping wastewater to an on-location sanitary sewage access point); fuel tank; vacuum and solution hoses mounted on a high capacity hose reel; and a cleaning and extraction wand.
- A mobile platform is ideal for restoration companies who don't want to tie-up a work vehicle at a large job site and for facility managers at university and corporate campuses and resorts who need to move a truckmount from location to location.



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Questions to ask to help the customer choose the right truckmount for their business

- Do you do mostly commercial or residential cleaning, or a mix? Night, day, or both?
- How much hose do you use on your average job? 150', 250', more?
- How “mechanical” are you?
- What else will you need to carry in your van?
- Do you do dual wand cleaning on a regular basis?
- Are you going to run the machine yourself or count mainly on technicians that work for you?
- How far are you from your local HydraMaster distributor and authorized service center?

Watch this video: <https://youtu.be/ihzCOPxYXBg>



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HydraMaster Truckmount Elevator Sales Pitch "Cheat Sheet"

DIRECT DRIVE TRUCKMOUNTS

CDS DIRECT DRIVE

1. #1 selling direct drive truckmount in the world
 2. Easy to operate and train – low maintenance
 3. Leaves the most cargo room of any truckmount
- Ideal for: fleet/multi-truck operators, restoration companies, less mechanically inclined operators, companies far from a service center



CDS xDRIVE DIRECT DRIVE

1. Only direct drive that can go in a unibody van
2. Hybrid electronic technology
3. Rivals the power, heat, vacuum, and performance of the biggest slide-ins

Ideal for: gearheads who want big, bad machines, companies that want the most advanced technology, Direct drive truckmount owners who want a unibody van.



LIQUID (WATER) COOLED ENGINE SLIDE-IN TRUCKMOUNTS

TITAN 575

1. Relentless dual wind workhorse
2. Easy access magnetic panels
3. Liquid cooled 32.5HP Kubota engine for reliability and longevity

Ideal for: gearheads who want big, bad machines, companies that want to operate their machine for a long time, Meticulous owner-operators



TITAN H20

1. Purpose built for water extraction
2. No pressure/solution side reduces maintenance
3. Liquid cooled 32.5HP Kubota engine for reliability and longevity

Ideal for: restoration companies and contractors, plumbers



MOBILE TRUCKMOUNT

TMTG4000 Truckmount to Go

1. The mobile truckmount that does not require a truck
2. Both extraction and cleaning capability
3. Automatic wastewater disposal system included

Ideal for: restoration contractors, college and corporate campus facility managers, rental, resorts, casinos, amusement parks



HydraMaster warranty service is rated #1 by distributor mechanics!
"We've got your back"



HydraMaster Truckmount Elevator Sales Pitch "Cheat Sheet"

AIR-COOLED ENGINE SLIDE-IN TRUCKMOUNTS

BOXXER XL

1. 31HP, 400+CFM, 240°F, 2 Wands = The numbers add up
2. Most economical true dual wand unit
3. In a class all by itself

Ideal for: companies wanting dual wand cleaning at an economical price, restoration contractors, meticulous owner-operators, gearheads



TITAN 425

1. "Sweet spot" machine – more horsepower, more heat
2. Better heat control, less water dumping
3. Better air circulation – no belt cooling fans required

Ideal for: Residential and commercial carpet cleaning companies, budget sensitive customers who still need a higher level of performance, most slide-in users, simplicity lovers



Boxxer 318HP

1. Up to 1500psi cleaning pressure for hard surface
2. Addresses reality of flooring marketplace
3. Stainless steel solution pump, high pressure heater coil
4. Hydra-Clutch plus high pressure – perfect for restoration

Ideal for: Cleaning companies who specialize or want a dedicated truck for hard surface cleaning and pressure washing, restoration contractors and construction clean-up companies who don't use a truckmount every day



TITAN 325

1. Affordable value, radical performance – step up
2. Hydra-Clutch for water extraction
3. Hotter than ever – best performance in its class
3. Easy maintenance with high level of reliability

Ideal for: first time truckmount buyers and portable users, restoration companies who don't need a truckmount every day, entry level, new companies, simplicity lovers



HYDRAMASTER BRAND AND COMPANY – 5 KEY DIFFERENTIATORS

1. Hotter in every class of machine and hold and maintain heat better
2. Better control over heat – bypass less water
3. RPM of vacuum blower set at factory recommendation – extends life
4. Longevity – HydraMaster has a proven 49 year track record
5. We have a real warranty and we stand behind what we sell

TITAN TOUGH

- "Tough as nails" TITAN quality with sleek new design
- More intuitive and easier to use panel directions and graphics make it easier to train new technicians, and easier to maintain
- Enhanced appearance makes an impression on your professionalist to your cleaning or restoration customer
- Truckmounts that match your perseverance in delivering optimum performance to your customers



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What do we mean when we say HydraMaster has “your back” when it comes to truckmounts?



HydraMaster warranty service
is rated #1 by distributor
mechanics!



TITAN SERIES

CDS 4.8[®]
OVERDRIVE

BOXXER Series

CDS xDRIVE
ACCELERATED DRIVE SYSTEM



We've Got
Your Back!

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What do we mean by HydraMaster has “your back” when it comes to truckmounts?

We call it the HydraMaster Hassle-Free “Ownership Experience”

- HydraMaster is the industry leader in manufacturing truckmount cleaning systems, accessories and chemicals. For almost 5 decades, HydraMaster has stood behind its products 100%.
- There is nothing limited about our support when it comes to supporting HydraMaster equipment owners. While some manufacturers tout the length of their warranties, if you read the fine print, you will see it is a “**limited**” warranty.
- HydraMaster provides a two or three year (depending upon the model of truckmount) **comprehensive** warranty. Think of it more like a “bumper to bumper” warranty than a “limited” warranty.



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What do we mean by HydraMaster has “your back” when it comes to truckmounts?

We call it the HydraMaster Hassle-Free “Ownership Experience”

- **Hassle-Free Warranty Service** means that on the rare occasion that something does go wrong outside of regular maintenance, your local HydraMaster distributor and HydraMaster combine to provide you with hassle-free warranty support. **Understanding how the blower warranties actually work is important.**
- In fact, Distributor mechanics consistently rate HydraMaster Truckmounts #1 when it comes to hassle free warranty service and support. When there is an issue, we work hard to get you up and running and keep you running.



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What do we mean by HydraMaster has “your back” when it comes to truckmounts?

We call it the HydraMaster Hassle-Free “Ownership Experience”

Some other ways we make the Ownership Experience Hassle Free:

- **7/24/365 Internet Technical Support and Advice**
 - Manuals at our website
 - Youtube library
 - HydraMaster University
- **HydraMaster Truckmount Troubleshooting Smartphone App**
- **HydraMaster reliability, durability, and dependability**
- **Uncompromising Performance.**
- **Phone Technical Support**
- **Join the HydraMaster Owner’s Group on Facebook**



Watch this video: <https://youtu.be/fDHtQLsTPcc>



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A new, FREE online training center for cleaning and restoration professionals

HydraMaster UNIVERSITY



- SELECTING THE RIGHT PRODUCT
- ON THE JOB PROCEDURES
- TECHNICAL SERVICE AND SUPPORT
- BUSINESS MANAGEMENT AND MARKETING

NEW!



hydramaster.com/university



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VS.



5 Key Differentiators - Truckmounts



1. 10 degrees hotter on each machine and HydraMaster truckmounts hold and maintain their heat better
2. HydraMaster truckmounts have better control over heat. Sapphire Scientific/Prochem machines only have three settings and bypass more water
3. Sapphire Scientific/Prochem claim higher performance on CFM and vacuum... but at what expense?
4. Longevity – HydraMaster has a 48 year proven track record
5. HydraMaster has a real warranty. We stand behind what we sell.



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Other Truckmount Manufacturers



Bane - Clene® Systems



Namco



MULTI-STEAM



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A short review of a long history at HydraMaster

HydraMaster 3.0

We've Got Your Back

Providing a **WORLD CLASS**
Customer Service Experience...



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Comparison Testing of Truckmounts - Beyond Spec's and Components

Chris Ryan
Doyle Bloss



- So you guys are always wanting to talk truckmount “techno-weenie, gearhead” talk with us, and we are always trying to point you back to what it means when it comes to making money...
 - Vacuum and CFM – Are you having issues with drying time? Really?
 - Temperature – are you selling the benefits of the sanitizing levels your truckmount can maintain?
 - Dual wand cleaning – when was the last time you did this? Have you really thought this through?

Definition of Testing

- Take measurements to check the quality, performance, or reliability, especially before putting it into widespread use or practice
- A particular process or method for trying or assessing
- Judge or measure by means of an examination

What are we Testing?

Performance Testing – Temperature, Pressure, Vacuum, Vibration, Noise

Endurance Testing – System reliability, Component Reliability, Accelerated Life, Beta programs

Comparative Testing – Competitive Equipment Analysis, Component Selection

Input Testing – Data for FEA Software (Finite Element Analysis),

Feasibility Testing – New Product Development, New Technology, Supplier Qualification

Production Testing – Final Assembly Verification

Temperature Performance Testing

One of the main factors in machine performance is solution temperature. To determine the equivalent effectiveness of any system the input and output variables must be precisely controlled. Vacuum Pressure Hg, Solution Flow Volume, Ambient, and Inlet Water Temp.

Controlling your environment is Key!

Due a variety of internal differences in equipment; plumbing, component variation, heat exchange design, and other nuisances it easy to misinterpret performance if done incorrectly

Example of Temperature Performance Testing

Vacuum @ 12”Hg Vacuum.....Vacuum Gauge +/- 0.10 Resolution
1.25 GPM (Simulates #6 Jet @ 300 PSI).....Measured Container/Weight
Ambient @ 100 F.....Environmentally controlled
Inlet Water @ 70 F.....Heated inlet water with Mixing Valve
Multimode Timer (10of/10off,20on/10off,Cont,NoFlow).....Precision Timer

Changing anyone one of these factors by 5-10% can increase or decrease the temperature output by 5 degrees F or more.

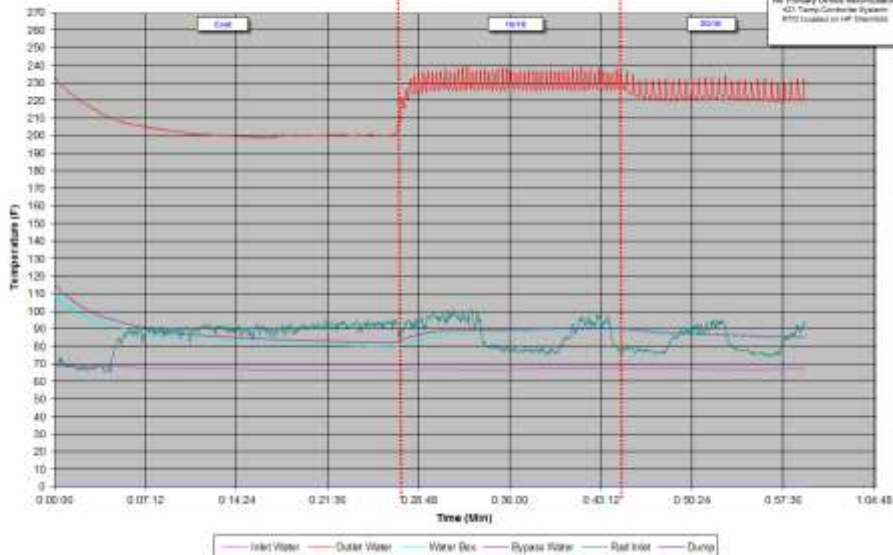
This protocol evaluates the system rather than the environment by reducing as much variability as possible. We also use all our own test equipment rather than rely on the machine instrumentation, these gauges typically have a much lower tolerance range.

With this setup any machine or system can be tested with a level of accuracy and consistency to be compared to another tested in this way.

GTP 39
Configuration#2

10/21/2008 - Spartan (Alpha) Performance Temperature Test - Container
"Flapper Style Diverter" - All Exhaust Diverted
Engine Speed 3000 RPM (1:1 Ratio) / 12" Hg / 100 F Ambient

All Temperatures



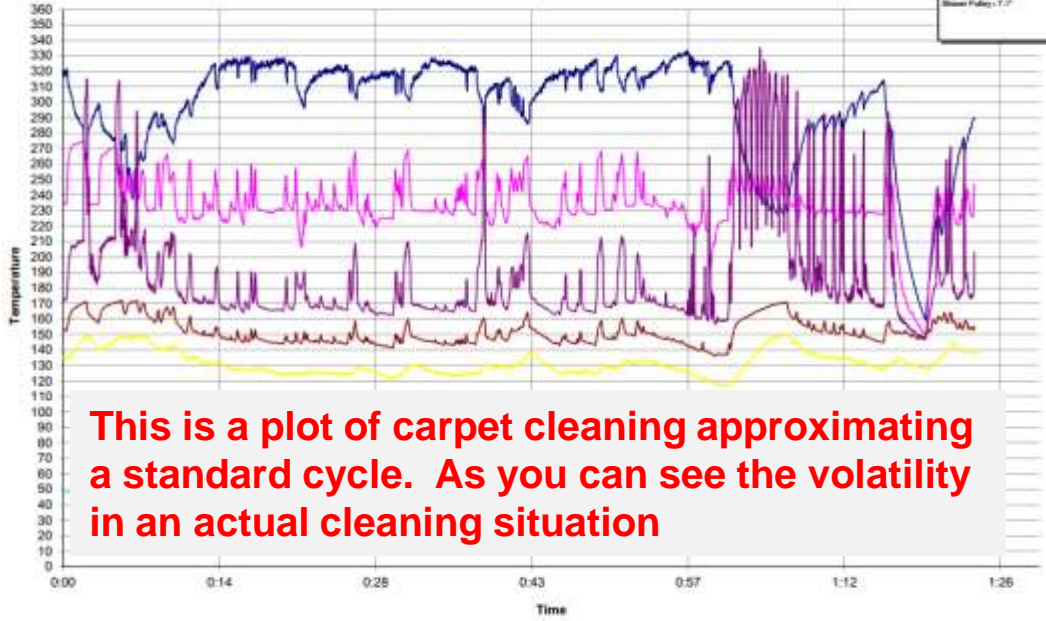
Configuration:
 348 100 AC (Revised) Super
 Single-Cooled Air (Prod) Stage
 Flapper Style Diverter Valve
 Control Eng and Star Run
 100 F. Temperature
 No Primary Airflow Restrictions
 421 Temp. Controller System
 8700 loaded on MP Instrument



ETP 77
Configuration #??

03/05/2007 - Titan 590 Cleaning HM Carpets - Service
Engine Speed 2500 RPM (High) / Blower 2950 / 13" / 300 Ft Hose / RX 20
All Data

Configuration:
S&S 750 100
Single Lineair 140 (Steam Press)
Catalytic Only
Booster 622 Temp Control
Engine Pulley - 5.8"
Blower Pulley - 7.7"



This is a plot of carpet cleaning approximating a standard cycle. As you can see the volatility in an actual cleaning situation

— Catalytic — Catalytic — Water Temp — Water Temp — Blower — Blower — Blower

Air Flow Performance Testing

Another significant factor machine performance is blower CFM. Depending of the purpose there are many different ways to conduct such testing. The quality of the instrumentation again is critical, many blowers are capable easily exceeding the abilities of many low cost measuring devices.

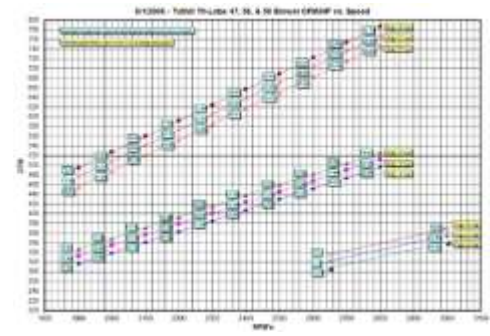
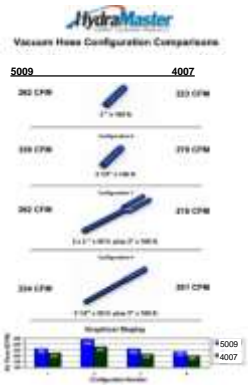
Many of these air flow test are to understand the value of hose lengths, hose diameter, tool design, machine efficiency and so on. Other testing that validates air flow is water recovery.

Example of CFM Testing

Many of the tests that we have and can record requires very specific instrumentation and methods:

- Hot wire Anemometer
- Inline Flow Sensors
- Inline Flow Meters
- Water Recovery
- Vane Anemometer

Configuration	Flow Rate (CFM)	Pressure (inches)	Temperature (°F)	Humidity (%)	Notes
Configuration 1	340	0.85	75.0	65.0	Standard test
Configuration 2	319	0.75	75.0	65.0	Standard test
Configuration 3	340	0.85	75.0	65.0	Standard test
Configuration 4	319	0.75	75.0	65.0	Standard test



Endurance Testing

This is also referred to as “Accelerated Life Testing”. The design of this test is to take real world operating conditions and accelerate them. The information from this condensed test allows for a better understanding of how the machine may fair over several years in the field.

This is typically conducted over several months 24/7 to achieve a run time of 1500 hours.

Ideally we are trying to simulated the worst modes at a highest greatest possible frequency to highlight any potential issues in a design

Example of Endurance Testing

As an example; we have cycled the vacuum on and off several times in one minute to simulate the same amount cycles that would occur of several days.

Vacuum - 12cycle/min (3 sec On/2 sec Off)

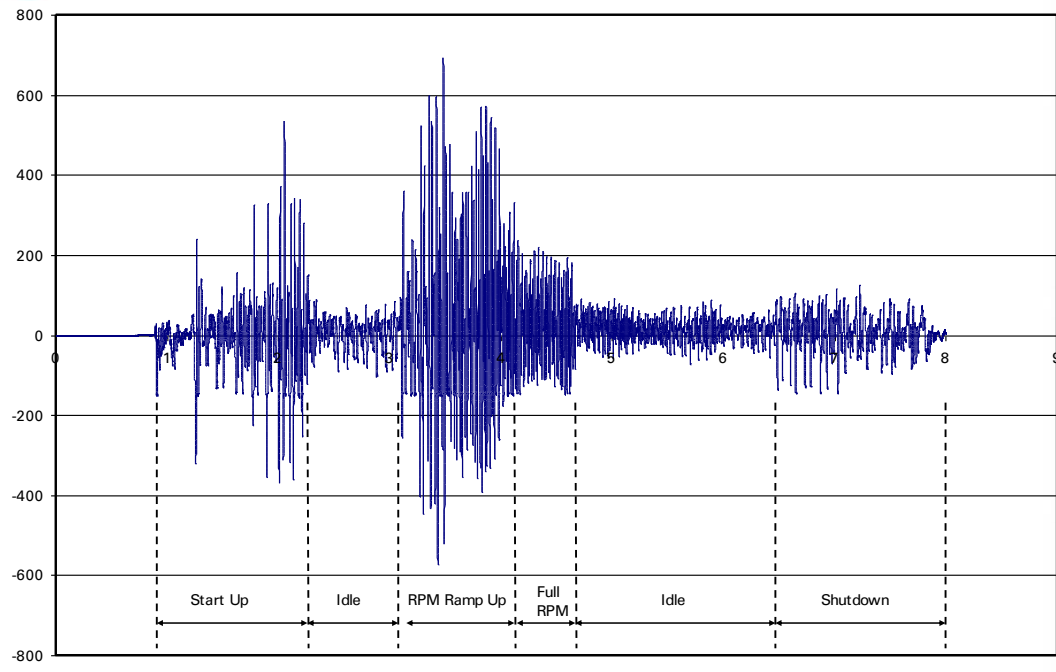
Total Hours Run – 1500

Average Run Time/Day – 23 Hour

Total Calendar time to Achieve Hours – 65 Days

Total Vacuum Cycles – 1 Million

We are able to achieve a large amount of cycles in the shortest amount time possible to simulate some of the worst measured conditions we've found on gasoline engines.



Comparative Testing

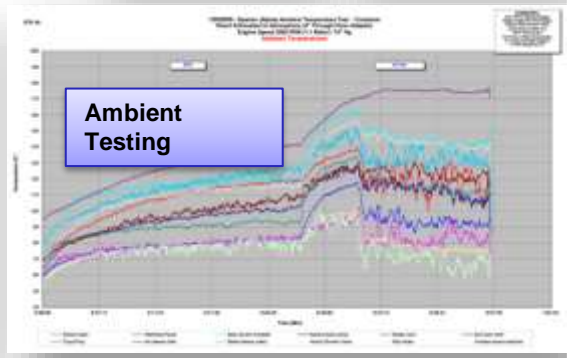
We typically measure two similar machines or components to determine the characteristic of each one. When comparing machines that have different heating systems, components, plumbing and so on needs to be evaluated as a complete system. Our performance testing protocol manages those differences to give all systems a fair evaluation. Other factors that are tested. Horsepower capacity, Ambient Temperatures, noise, vibration, BP / Air to Fuel ratio, CFM

Careful detail to vacuum lift, flow rate, and ambient temperatures is paramount to trust your data. Slight changes in each of these parameters can have a large affect, many times multiple runs are required

Comparative Testing Outputs

HP Capacity Testing

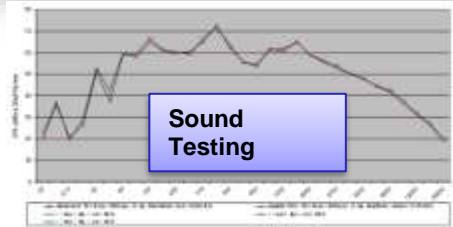
Fan Affinity		Testing	
Loaded Speed	3700	Loaded Speed	3700
Wide Open Throttle	3200	Wide Open Throttle	3600
Engine Capacity	86.3%	Engine Capacity	85.3%
Results	NO	Results	Pass



BP/AF Ratio Testing

Baseline: Machine k

High Speed			
3500		3000	
Heat Mode	Over Mode	Heat Mode	Over Mode
Vac Load (In Hg)	0 14 0 14	Vac Load (In Hg)	0 14 0 14
PSI (in H2O)	1700 1700 1700 1700	PSI (in H2O)	1700 1700 1700 1700
O2 Sensor (ppm)	1700 1700 1700 1700	O2 Sensor (ppm)	1700 1700 1700 1700



Comparative Testing Results

When everything is said and done this information is important to tell us where we good at things and where we need to improve. There are many manufacturers and component suppliers out there that know what they're doing. The more informed we are the better we can respond to trends in the carpet cleaning industry

Input Testing

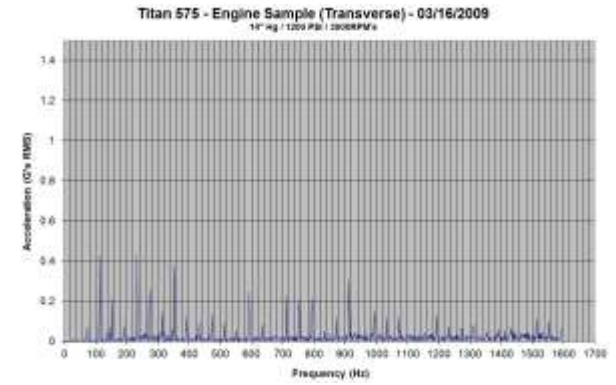
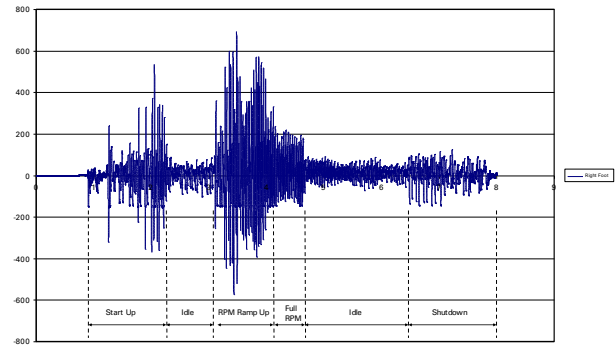
Once a project has kicked off it is important to understand what the components are capable of and how they will interact with it's environment. With data provided in this testing we can utilize software such as Finite Element Analysis to map out vibration and stresses in multiple iterations before building prototypes.

Better understanding of these characteristics can allow you to review ten times the amount of configurations than conventional means.

Example of Input Testing

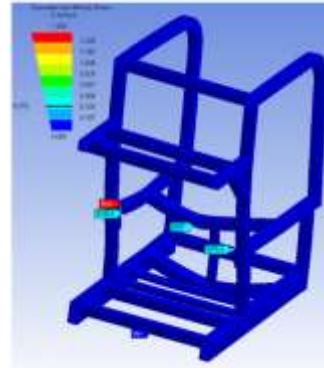
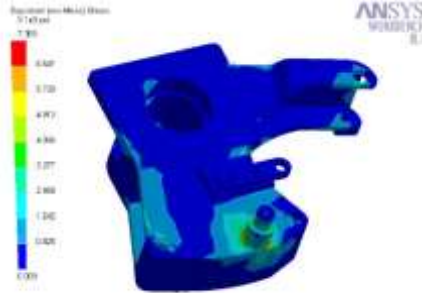
Many of the testing that we have and can record requires very specific instrumentation

- Load Cell.....Force
- Strain Gauge.....Strain
- Accelerometer.....Vibration



Result of Input Testing

Before committing to a design we can determine the best geometry for a given frame, bracket, or mold to have its highest rate of success.



Requirement:
Stay Below the Endurance Limit of A36 Steel - 15,000 PSI

Part	Min Stress	Max Stress	Min Strain	Max Strain	Min Deflection	Max Deflection
Frame (1) (1)	1.12e-05	2.00e-04	0.00	0.00	0.00	0.00
Frame (1) (2)	1.12e-05	2.00e-04	0.00	0.00	0.00	0.00
Frame (1) (3)	1.12e-05	2.00e-04	0.00	0.00	0.00	0.00
Frame (1) (4)	1.12e-05	2.00e-04	0.00	0.00	0.00	0.00
Frame (1) (5)	1.12e-05	2.00e-04	0.00	0.00	0.00	0.00
Frame (1) (6)	1.12e-05	2.00e-04	0.00	0.00	0.00	0.00
Frame (1) (7)	1.12e-05	2.00e-04	0.00	0.00	0.00	0.00
Frame (1) (8)	1.12e-05	2.00e-04	0.00	0.00	0.00	0.00
Frame (1) (9)	1.12e-05	2.00e-04	0.00	0.00	0.00	0.00
Frame (1) (10)	1.12e-05	2.00e-04	0.00	0.00	0.00	0.00
Frame (1) (11)	1.12e-05	2.00e-04	0.00	0.00	0.00	0.00
Frame (1) (12)	1.12e-05	2.00e-04	0.00	0.00	0.00	0.00
Frame (1) (13)	1.12e-05	2.00e-04	0.00	0.00	0.00	0.00
Frame (1) (14)	1.12e-05	2.00e-04	0.00	0.00	0.00	0.00
Frame (1) (15)	1.12e-05	2.00e-04	0.00	0.00	0.00	0.00
Frame (1) (16)	1.12e-05	2.00e-04	0.00	0.00	0.00	0.00
Frame (1) (17)	1.12e-05	2.00e-04	0.00	0.00	0.00	0.00
Frame (1) (18)	1.12e-05	2.00e-04	0.00	0.00	0.00	0.00
Frame (1) (19)	1.12e-05	2.00e-04	0.00	0.00	0.00	0.00
Frame (1) (20)	1.12e-05	2.00e-04	0.00	0.00	0.00	0.00
Frame (1) (21)	1.12e-05	2.00e-04	0.00	0.00	0.00	0.00
Frame (1) (22)	1.12e-05	2.00e-04	0.00	0.00	0.00	0.00
Frame (1) (23)	1.12e-05	2.00e-04	0.00	0.00	0.00	0.00
Frame (1) (24)	1.12e-05	2.00e-04	0.00	0.00	0.00	0.00
Frame (1) (25)	1.12e-05	2.00e-04	0.00	0.00	0.00	0.00
Frame (1) (26)	1.12e-05	2.00e-04	0.00	0.00	0.00	0.00
Frame (1) (27)	1.12e-05	2.00e-04	0.00	0.00	0.00	0.00
Frame (1) (28)	1.12e-05	2.00e-04	0.00	0.00	0.00	0.00
Frame (1) (29)	1.12e-05	2.00e-04	0.00	0.00	0.00	0.00
Frame (1) (30)	1.12e-05	2.00e-04	0.00	0.00	0.00	0.00
Frame (1) (31)	1.12e-05	2.00e-04	0.00	0.00	0.00	0.00
Frame (1) (32)	1.12e-05	2.00e-04	0.00	0.00	0.00	0.00
Frame (1) (33)	1.12e-05	2.00e-04	0.00	0.00	0.00	0.00
Frame (1) (34)	1.12e-05	2.00e-04	0.00	0.00	0.00	0.00
Frame (1) (35)	1.12e-05	2.00e-04	0.00	0.00	0.00	0.00
Frame (1) (36)	1.12e-05	2.00e-04	0.00	0.00	0.00	0.00
Frame (1) (37)	1.12e-05	2.00e-04	0.00	0.00	0.00	0.00
Frame (1) (38)	1.12e-05	2.00e-04	0.00	0.00	0.00	0.00
Frame (1) (39)	1.12e-05	2.00e-04	0.00	0.00	0.00	0.00
Frame (1) (40)	1.12e-05	2.00e-04	0.00	0.00	0.00	0.00
Frame (1) (41)	1.12e-05	2.00e-04	0.00	0.00	0.00	0.00
Frame (1) (42)	1.12e-05	2.00e-04	0.00	0.00	0.00	0.00
Frame (1) (43)	1.12e-05	2.00e-04	0.00	0.00	0.00	0.00
Frame (1) (44)	1.12e-05	2.00e-04	0.00	0.00	0.00	0.00
Frame (1) (45)	1.12e-05	2.00e-04	0.00	0.00	0.00	0.00
Frame (1) (46)	1.12e-05	2.00e-04	0.00	0.00	0.00	0.00
Frame (1) (47)	1.12e-05	2.00e-04	0.00	0.00	0.00	0.00
Frame (1) (48)	1.12e-05	2.00e-04	0.00	0.00	0.00	0.00
Frame (1) (49)	1.12e-05	2.00e-04	0.00	0.00	0.00	0.00
Frame (1) (50)	1.12e-05	2.00e-04	0.00	0.00	0.00	0.00

Minimum Strength (ksi) = 15000

$$S-CR = \frac{S_u}{S_y}$$

Beta Testing

The purpose of the Beta field test is to gain real world feedback. The Field Test unit is a highly refined machine called a “Beta”. This machine will reflect exactly what will be built in production. The machine as a whole will be subjected to elements and factors that cannot be tested in a contained environment. This is the final major test that will be performed prior to production release. Depending on the size of the project this phase could take 3-6 months.

The beta test output can result in changes to the design of the machine as well as the targeted release in the project.

Users are chosen based on availability. The overall hours per day is important, ideally on average 300 to 400 hours is achievable in a 3 month period. Job variety and continuous running modes are required to verify all potential operating requirements.



HydraMaster TITAN 425 Vs. Sapphire 370



Summary of Advantages

- It has all the power and performance you need without overkill. The 23HP Briggs & Stratton Vanguard Engine provides you with more horsepower than most machines in its class – 12% more power which will allow your machine to operate better at elevated conditions and under maximum load conditions. This also extends the life of the engine.
- Control is a key also – the TITAN 425 allows you to choose the exact cleaning solution temperature you want rather than just a pre-determined setting.
- Simplicity reigns supreme, starting with the fact that the proven coupling system open configuration allows for excellent air circulation, while the competition's belt driven system requires a belt cooling fan, adding one more layer of complexity.
- The TITAN 425 is equipped with a waterbox drain valve which makes the machine easier to freeze guard, descale and service. With the competition's machine the water box has to be drained by running the machine.
- Plus because the TITAN 425 is 150 to 200# lighter than the competition, you will get improved gas mileage from your van and less wear on vehicle components.
- The TITAN 425 is easier to maintain too. It is designed around the HydraMaster "Arms-Length" philosophy of accessibility. The TITAN 425 blower drive system can be easily serviced in less than an hour with easily accessibility to the drive system. Blower oil drain hoses make changing your blower oil easier to do, and with less mess. The competition uses plugs that are hard to get to. Magnetic panels allow for quick and easy access to all components.
- The patented heat control system with the ADC Control Diverter manages heat for more consistent temperature delivery and far less water dumping. In fact, in comparison testing, the TITAN 425 maintains a 5-10° Fahrenheit temperature advantage versus the competition in a continuous flow mode for hard surface cleaning and pressure washing.
- The Opti-Air Flow System reduces noise resulting in a quieter machine. The compact footprint maximizes the van space creating greater cubic feet for your gear and without being too "top-heavy" like some machines.
- Finally, the helical gear splash lube tri-lobe blower produces 350+ CFM resulting in faster drying carpets and floors and better water extraction.

Specifications

	TITAN 425	Sapphire 370
Frame Dimensions (H/W/L)		34.5 / 16 / 44.9
Console Weight	563	652
Engine	Briggs and Stratton	Kohler Command Pro (674 CC)
Gross HP	23	20.5
RPM (Max Load)	3000	2800
Fuel Consumption	1.1	0
Ignition Type	Electric Keystart	Electric Keystart
Vacuum Blower	Tuthill Vacuum and Blower Systems	Gardner Denver Tri-Flow
Model/Size	4005 Tri-Lobe	TF-406
RPM (Max Load)	3000	3176
Vacuum (Max)	12	14
High Pressure Pump	General Pump	General Pump
Model/Size	HTX18135	HTX18135
Clutch	Ogura	Ogura
Type	Plunger	Plunger
Operating Pressure (Max)	1000	1500
Volume	3.9	3.4
RPM	1725	1400
Drive System	Direct Coupling	Dual B Sec Belt
	Hayes 40 Series	Gates BX
Engine Exhaust Diverter	Poppet Style	Thrust Plate Design
Mounting	External inline with Exhaust Tubing	Integrated into HX
Material	Stainless Steel	Stainless Steel
Chemical System	Stainless Steel Last-Step	Stainless Steel Last-Step
Manufacturer	General Pump	General Pump
Heating System	Finned Tube Heat Exchanger	2 Pass Coil
Material	Copper Tube / Aluminum Fin	Stainless Steel
Recovery Tank	70 Gallon Universal Recovery Tank	90 Gallon Universal Recovery Tank
Actual Volume (Total)	70	79
Shutoff Volume	52.16	69 (Published @ 75)
Dimensions (H/W/L)	38.5 / 40 / 13.5	35.5 x 40 x 14.75
Dry Weight	113	136
Shutoff Full Weight	548	711
Standard Features		
Hour Meter	Yes	Yes
Chemical Flow Meter	Yes	Yes
Chemical Flow Control Valve	Yes	Yes
Vacuum Gauge	Yes	Yes
Solution Pressure Gauge	Yes	Yes
Solution Pressure Adjustment	Yes	Yes
Pre-Wired Pump-In Switch	Yes	No
Pre-wired APO Switch	Yes	Yes
Fresh Water Inlet	Yes	Yes
Water System Drain Valve	Yes	No
Diagnostic Status Lights	Yes	No
Engine Choke	Manual	Manual
Engine Throttle	Manual Pull	Manual Rotating
Electrical Circuit Protection	Fuses	Circuit Breakers
Solution Temp Control	Adjustable Rheostat	Four Position Switch
Standard Equipment		
Solution Hose	2 x 50 Feet Solution	2 x 50 Feet Solution
Vacuum Hose	2 x 50 Foot Vacuum	2 x 50 Foot Vacuum
Wand	2" Evolution Wand	2" Stainless Wand
Thru Floor Kit	Optional	Unknown

Testing Definitions

Standardized Performance Testing

HydraMaster “Standard” testing is an internal evaluation testing not made for public use. This test standard was created in 2000 to reduce the variables that has any influence on the machines ability to heat water. The parameters that are used are:

Vacuum @ 12”Hg Vacuum

Volume set based on the size wand that is used for the machine:

1.00 GPM (Simulates #4 Jet @ 300 PSI)

1.25 GPM (Simulates #6 Jet @ 300 PSI)

1.50 GPM (Simulates #8 Jet @ 300 PSI)

Ambient @ 100 F

Inlet Water @ 70 F

This protocol evaluates the system rather than the environment or conditions such as referencing flowrate from pressure. We also use all our own test equipment rather than rely on the gauges on the machine. These gauges are all unreliable when performing this test.

Maximum Equivalency Performance Testing

This test is done to see how the performance of each machine matches up when set at equivalent maximum conditions even if it goes beyond the maximum of one machine.

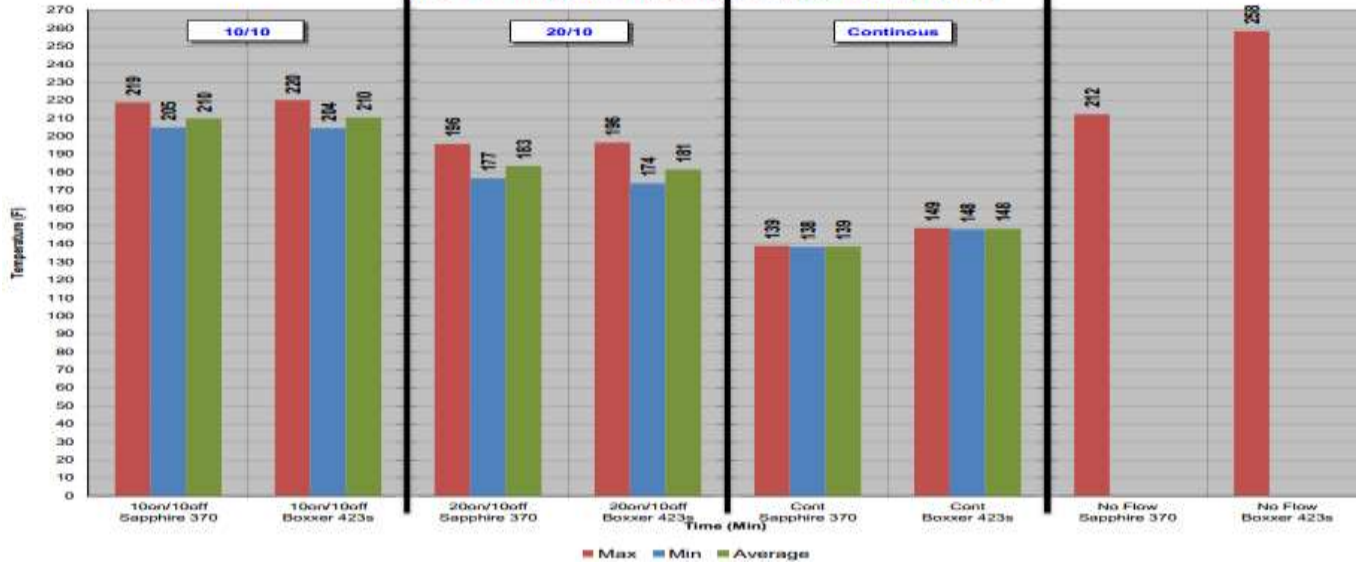
Performance (Maximum Equivalency)

03/28/16- Sapphire 370 v
RPM's per sta
MAX TEMP

TITAN
425

3 Performance Temperature Test - TestRoom
(1:1 Ratio) / 14" Hg / 65 F Ambient
3OTOCAL-Solution Temperatures

Configuration:
Standard Configurations for
both machines as of 03/28/16



HydraMaster
CARPET CLEANING PRODUCTS

VANGUARD
COMMERCIAL POWER

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Vanguard vs. Command Pro

									
FEATURE	Vanguard 3054	Vanguard 3564	Kohler CH620	Vanguard 3854	Kohler CH640	Vanguard 3864	Kohler CH680	Vanguard 5434	Kohler CH940
Power (HP)	16.0	18.0	18.8	23.8	20.5	29.0	22.5	31.8	32.5
Weight (lbs)	72.0	74.8	90.0	77.8	90.0	77.8	90.0	125.8	131.0
Power to Weight Ratio (HP/lb)	0.22	0.24	0.21	0.27	0.23	0.38	0.25	0.25	0.25
Size (in)									
Length	18.98	12.51	14.00	12.52	14.00	12.52	14.00	14.92	16.6
Width	18.14	18.14	17.70	18.02	17.70	18.02	17.70	19.53	18.8
Height	17.24	17.24	19.00	17.88	19.00	17.88	19.00	28.54	27.5
Carburetor Barrels	1	1	1	2	1	2	1	2	2
Full Pressure with Filter	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Oil Cooler				Standard		Standard			
CALIFORNIA Emissions Certification (hrs)	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
EPA Emissions Certification (hrs)	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Service Dealers	Global	Global	Global	Global	Global	Global	Global	Global	Global
Warranty (Commercial yrs)	3	3	3	3	3	3	3	3	3

KEY Green shows BEST



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Vanguard vs. Command Pro

The Vanguard Engines are significantly Smaller and Lighter then the Command Pro

- The M38 engine is 13 pounds lighter and ~1.5 inches smaller in all directions compared to the CH640
- The Vanguard Engines Have Great Power/Weight Ratios



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Vanguard vs. Command Pro

The Vanguard Engines are
Hard Working with Solid
Commercial Warranties

- All engines are certified at the highest level of government emissions regulations
- Full 3 Year Commercial Warranty



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Vanguard vs. Command Pro

The Vanguard Engines
have the Best Support

- 12,000 B&S Dealers
- Global Dealer Network
- QR codes provides instant information from your smart phone



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Product Improvement

- Focused Effort on Warranty Analysis and Product Improvement
- Improve Engine Sealing
 - (1) Upgrade Crankcase Gasket
 - Production May 2016
 - (2) Upgrade Valve Cover Gasket
 - Production 2016
 - (3) Upgrade Manufacturing and Sourcing for Crankshaft Oil Seal
 - Production 2012



HydraMaster Heat Systems

- Simple single output controller reliably used for over 19 years. Technology pioneered by HydraMaster and copied by other manufacturers.
- Smoother delivery of temperature, less heat spikes or low temperature lulls.
- Specifically design and size the heat exchangers to start at the minimum required system back pressure.
- Less wasted water back to the recovery tank with the full diverter temperature control
- Heat exchanger reliability: whenever the heat is not required, engine exhaust is bypassed. Only blower exhaust is contacting the internal components. First two rows being copper to increase the exhaust temperature rating.



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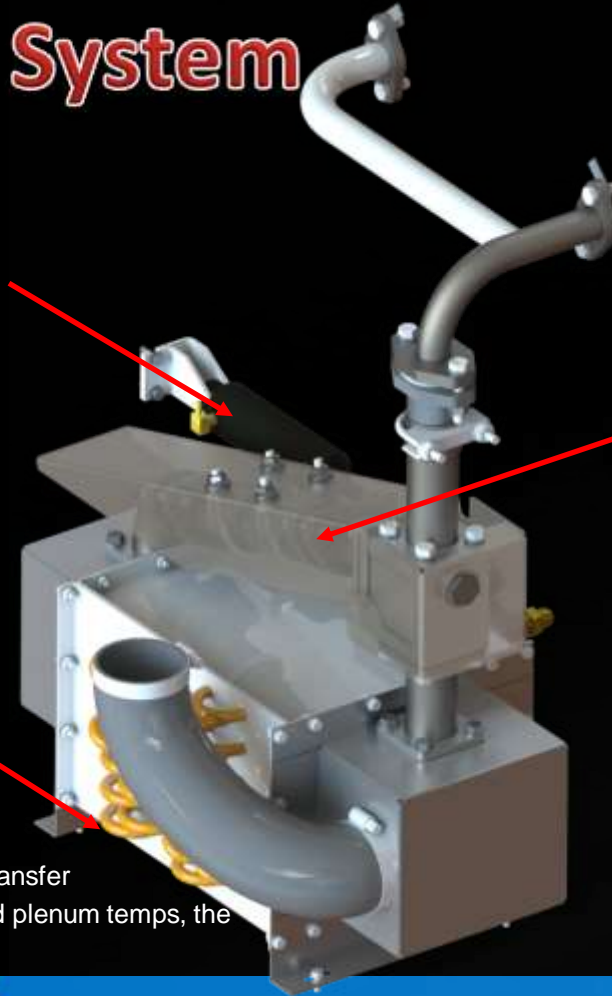
TITAN 425 Heat System

Divert exhaust to control water temperature. Smoother deliver of temperature, less heat spikes or low temperature lulls.

Excellent heat exchanger reliability, when ever the heat is not required engine exhaust is bypassed. Only blower exhaust is contacting the internal components

Open high air flow 7 Fins Per Inch heat exchanger. Starts at the minimum required system back pressure of 15" H2O

- Single circuit copper HX – Most efficient heat transfer
- First two rows of fins will be copper to withstand plenum temps, the remainder be aluminum



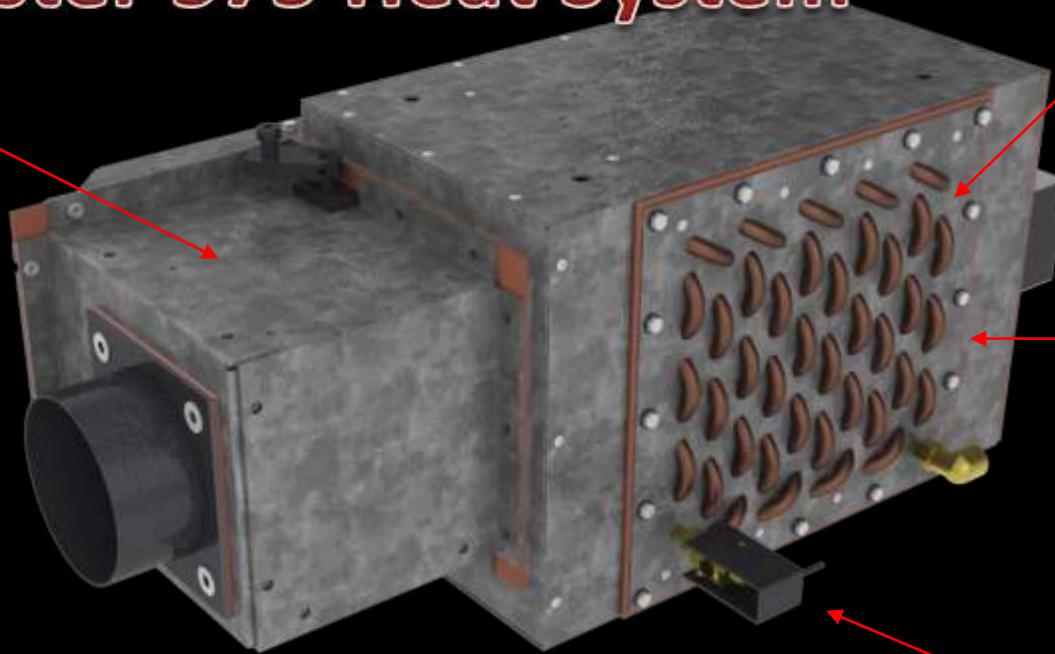
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HydraMaster 575 Heat System

Full Exhaust
Diverter System,
blower and
engine exhaust



9 FPI with a large 10" x
10" cross section. Starts
at the minimum
required system back
pressure of 15" H2O

Side flange mount
for quick removal

Easy to access RTD
located on the side
of the HX

- Non Re-circulating system – No Orifice – no wasted dumping water
- Single circuit HX – Efficient heat transfer
- First two rows of fins will be copper to withstand plenum temps, the remainder be aluminum

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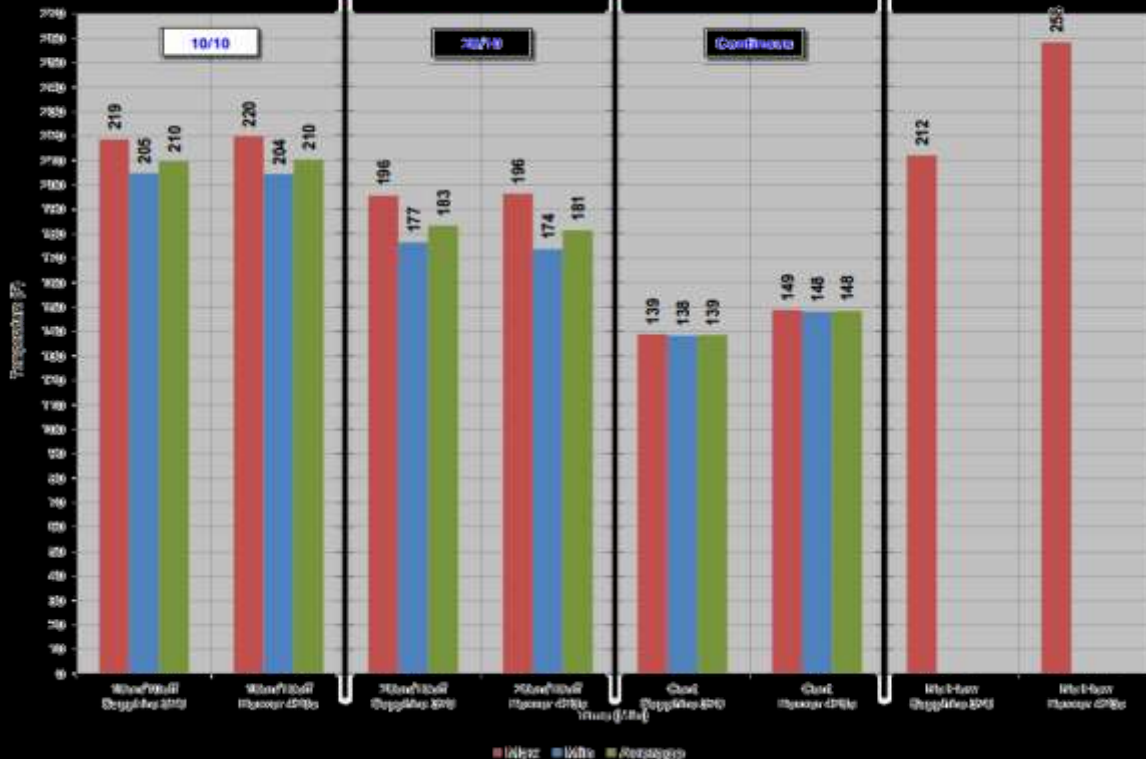
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TITAN 425 Vs Sapphire 370 Performance

0028716 - Sapphire 370 vs Razer 425 Performance Temperature Test - Test Room
 RPMs per second - 1000 (10/10) / 147 (14) / 63 (7) Ambient
 MAX TEMP TESTING PROTOCOL - Solution Temperature

HydraMaster
 Minimum 1000 RPMs for
 60 FPS @ 1080p 60 FPS



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Cleaning for Health – The value of heat

The value of heat in the cleaning process should also be reinforced at this point.

- Most understand that the use of heat accelerates most chemical reactions resulting in deeper cleaning and often reduced drying times.
- **But the use of heat in the role of the removal and treatment of unwanted substances, including biological germs and viruses has been scientifically measured and demonstrated in studies (conducted between 1991 and 2014) sponsored by**
 - Division of the United States Environmental Protection Agency
 - Research Triangle Institute
 - Air Quality Sciences
 - Airmid Health Group
 - Others



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Cleaning for Health – The Value of Heat

The value of heat in the cleaning process should also be reinforced at this point

- **Measured reductions in biological contaminants can be clearly demonstrated in carpets, textiles, upholstery, and hard surface floors after the use of high performance truckmounted cleaning equipment** that can maintain temperatures across the surfaces being cleaned of 160°+ F.



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Cleaning for Health – The definition of clean

“Effective cleaning is the process of extracting and removing unwanted matter to the optimum extent to reduce exposure to unwanted matter.

Most people clean carpets when they look dirty. Rarely does anyone recognize that their carpet needs to be cleaned for health protection.

Yet every time pollutants are extracted from the carpeting; the quality of the indoor environment is enhanced by reducing exposures.

A high-performance carpet cleaning process focuses on nine steps using a wet, high temperature, high flow, high extraction system”

- Dr. Michael Berry

Characteristics of High-Performance Carpet Cleaning;
Journal of Cleaning, Restoration & Inspection 2017



Equipped with
HydraMaster
Truckmounted Cleaning Equipment

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Cleaning for Health – Measuring Clean



Carpet Cleaning Effectiveness Analysis

Substances in Carpet	Mitigation guidance	Vacuuming Effect	HW Extraction Effect
Soils	Walk-off mat and frequent vacuuming	High	High
Atmospheric Dusts	Vacuuming, Cleaning and Ventilation	Moderate to High	High
Toxic PM	Walk-off mat and frequent vacuuming	Moderate to High	High
Fibers	Containment	High	High
VOC	Ventilation	N/A	N/A
Chemical/Pesticide	Activity management	Low	High
Allergens			
Pollen	Walk-off mat and frequent vacuuming	High	High
Fungi	Dry, walk-off mat and frequent vacuuming	High	High
Mycotoxin	Dry, walk-off mat and frequent vacuuming	Moderate to High	High
Mold	Dry, frequent vacuuming	Moderate to High	Moderate to High
Cockroach	Dry, frequent vacuuming	Moderate to High	Moderate to High
Cat and Dog	Activity management	Moderate	Moderate to High
Infectious Agents			
Bacteria	Frequent cleaning	Low to Moderate	Moderate to High
Endotoxin	Frequent cleaning	Moderate to High	High
Viruses	Frequent cleaning	Low	High

Table 1



Understanding Vacuum Systems

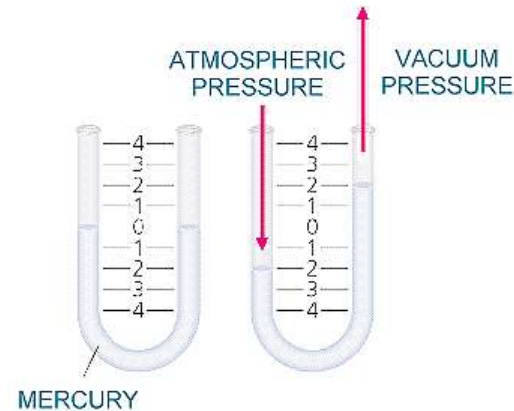


Questions on Vacuums

- How do you measure vacuum pressure?
- Why do most machines limit vacuum pressure to 15" Hg?
- Do two similar machines using blowers of the same size produce the same amount of vacuum?
- What is CFM?
- Why is airflow important?
- Who are the most common manufacturers of blowers in the industry?
- What is the ideal RPM for a blower?
- How do you choose the right sized blower?

How Do You Measure Vacuum Pressure?

- Vacuum pressure is measured in inches of mercury ("Hg)
- One "Hg is the amount of vacuum required to raise a column of mercury one inch
- One "Hg = to 13.7" of water



Why Do Most Machines Limit Vacuum Pressure to 15" Hg?

- When more air is being sucked out of the recovery tank by the blower than is being pulled in through the wand, a vacuum is formed inside the tank (the needed air is pulled through the vacuum relief valve)
- If the vacuum pressure in the tank becomes too great, components such as the blower or tank could be damaged
- To prevent damage, a relief valve is used to limit this vacuum pressure
- Adjusting the relief valve to a limit other than that set at the factory could result in damage to the equipment

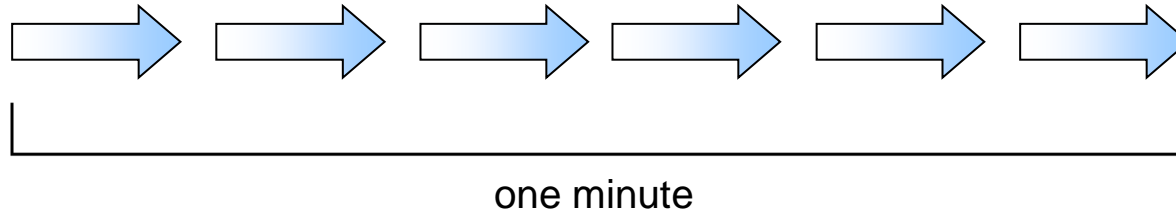
Do Two Similar Machines Using the Same Sized Blower Produce the Same Amount of Vacuum?

The amount of vacuum that a machine can make depends upon many factors, such as:

- Inlet and outlet port size
- Inlet temperature
- Operating elevation
- Blower RPM

What is CFM?

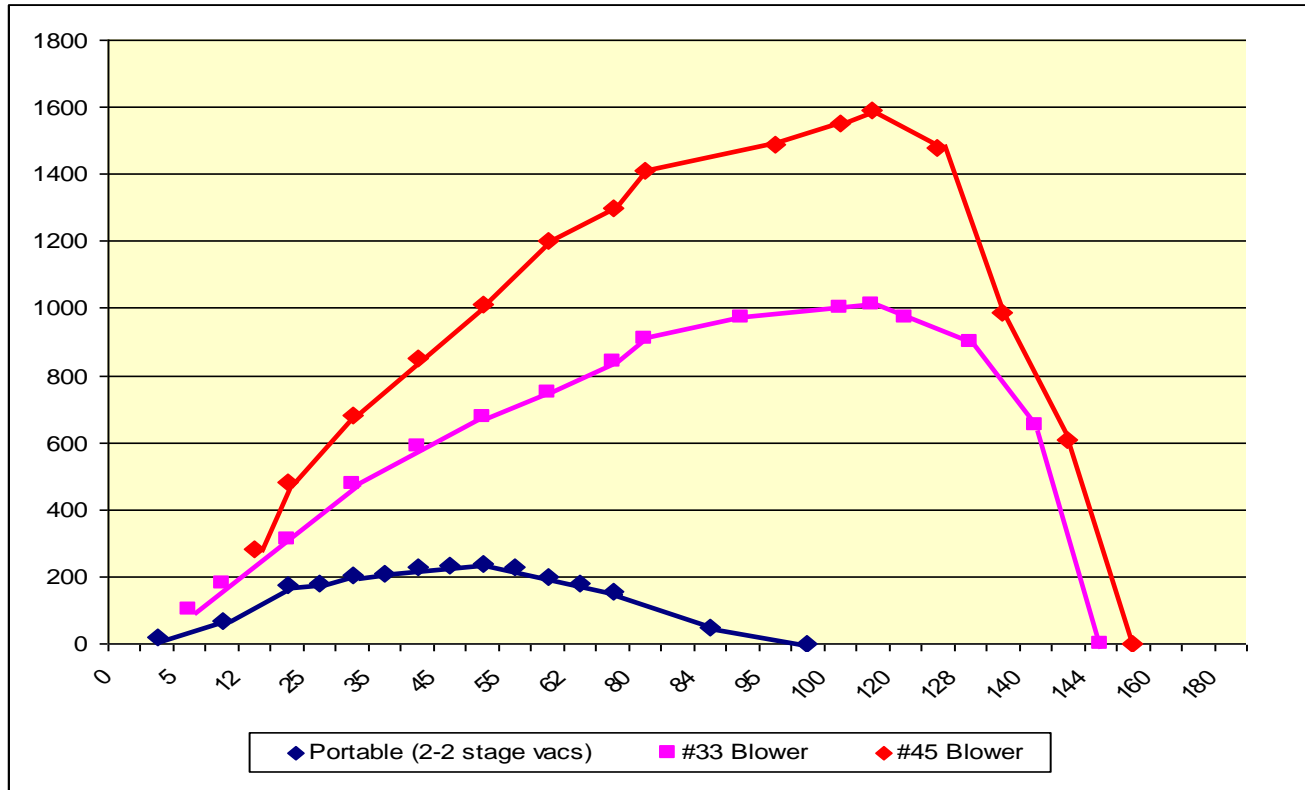
- A CFM is a unit of measure of airflow
- This unit represents the volume of air, measured in cubic feet, moved in one minute (this is how much air moves from the wand to the recovery tank in one minute)



Why Is Airflow Important?

- As air moves it can capture and sweep up loose soil, similar to how a stream of high-pressure water can wash away dirt from a surface
- The greater the airflow, the more soil, water, and debris a vacuum system can suck up
- If the airflow through a vacuum system is restricted then its performance will suffer
- The greater the airflow, the faster the carpet will dry

Air Watt Curve Comparison



Who are the Most Common Manufacturers of Blowers in the Industry?

- Tuthill
- Roots
- Sutorbilt

Blower Comparison

Model Number			Blower Size (in)	Connection Size (in)	Vacuum Pressure ² ("Hg @ RPM)	Max. Flow ³ (CFM)
Tuthill ¹	Roots	Sutorbilt				
3003	33	3ML	3"	2"	15 @ 3600	222
3006	36	3LL	3"	2"	15 @ 3600	367
4005	45	4ML	4"	2 ½"	15 @ 3600	436
4007	47	4LL	4"	3"	15 @ 3600	574
5006	56	5ML	5"	4"	15 @ 2850	630
5009	59	5LL	5"	4"	15 @ 2850	921

1. *Dominator Tri-Lobe* is manufactured by Tuthill exclusively for HydraMaster.
 2. Maximum vacuum pressure at rated RPM is measured at blower inlet given sufficient airflow to maintain a safe operating temperature.
 3. Maximum airflow is measured at 0"Hg @ 3600 RPM for models 3003 - 4007.
 4. Maximum airflow is measured at 0"Hg @ 2850 RPM for models 5006 & 5009.
- NOTE:** THE BLOWER MANUFACTURER RECOMMENDS OPEATING THE UNITS AT 80% OF IT'S CAPACITY.

What Is the Ideal RPM for a Blower?

- Operating a blower at too high an RPM will damage it, while operating it too slowly will result in poor performance
- To achieve an optimum balance in reliability and performance a blower should be run at 80% of its maximum rated RPM



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How Do You Choose the Right Size Blower?

- A blower should be chosen according to the work that will be required of it
- As an example, a 2" vacuum hose 150 feet long can move only 240 CFM, so a blower that can produce more airflow would be unnecessary
- If a blower is designed to move more air than it is allowed to due to airflow restrictions, then it will overheat and could possibly become damaged



Blower Operating Speed

- The Blower keeps cool by moving air through it
- Operating at **less than 80%** of it's capacity, moves less air through it, causing it to run hotter
- When the blower is run in **excess of 80%** of it's capacity, it moves more air through it, causing all the components to work harder, causing it to run hotter
- Running the blower slower or faster than 80% of its capacity shortens the life



High Pressure Pumps



Purpose of Bypass Regulator

Adjust the out going pressure of the pump

- Direct the water flow from the pump in two directions
- One direction is through the “Bypass Side”
- The other direction is through the “High Pressure Side”
- The orifice in the Cleaning Tool determines how many GPM’s flows through the “Out” Port & the “Bypass” Port

Pressure System Chart

Handy Chart For Your Pressure System

Standard Nozzle Selection Chart

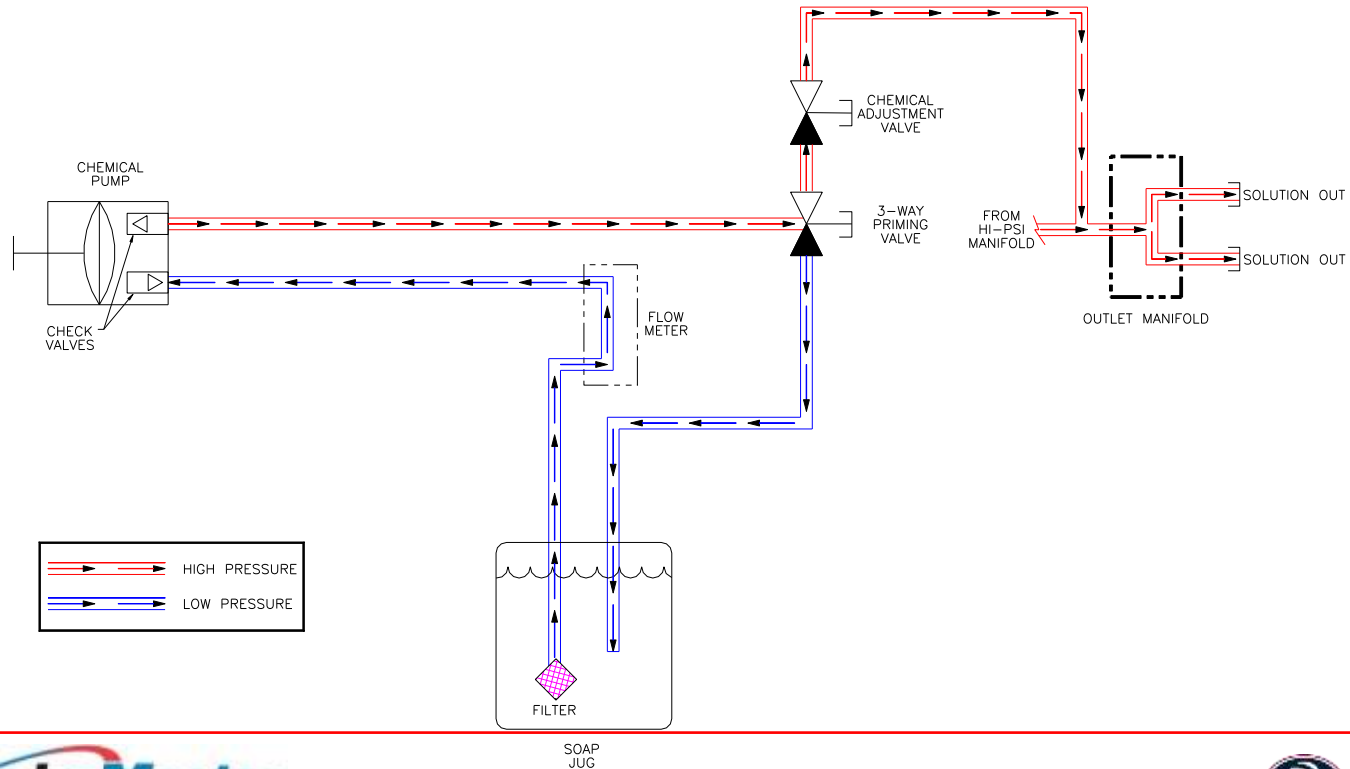
St'd Nozzle (Size) Number	Equiv. Orifice Diam. (Inches)	Nozzle Volume (GPM) at Various Pressures (PSI)												
		40	100	250	500	600	700	800	1000	1200	1500	2000	2500	3000
2.0	0.034	0.20	0.32	0.50	0.71	0.77	0.84	0.89	1.00	1.10	1.20	1.40	1.60	1.70
4.0	0.052	0.40	0.63	1.00	1.40	1.50	1.70	1.80	2.00	2.20	2.40	2.80	3.20	3.50
4.5	0.055	0.45	0.71	1.10	1.60	1.70	1.90	2.00	2.20	2.40	2.80	3.20	3.60	3.90
5.0	0.057	0.50	0.79	1.30	1.80	1.90	2.10	2.20	2.50	2.70	3.10	3.50	4.00	4.30
5.5	0.060	0.55	0.87	1.40	1.90	2.10	2.30	2.50	2.80	3.00	3.40	3.90	4.30	4.80
6.0	0.062	0.60	0.95	1.50	2.10	2.30	2.50	2.70	3.00	3.30	3.70	4.20	4.70	5.20
6.5	0.064	0.65	1.00	1.60	2.30	2.50	2.70	2.90	3.30	3.60	4.00	4.60	5.10	5.60
7.0	0.067	0.70	1.10	1.80	2.50	2.70	2.90	3.10	3.50	3.80	4.30	5.00	5.50	6.10
7.5	0.070	0.75	1.20	1.90	2.70	2.90	3.10	3.40	3.80	4.10	4.60	5.30	5.90	6.50
8.0	0.072	0.80	1.30	2.00	2.80	3.10	3.30	3.60	4.00	4.40	4.90	5.60	6.30	6.90
8.5	0.074	0.85	1.30	2.30	3.00	3.30	3.60	3.80	4.30	4.60	5.20	6.00	6.70	7.40
9.0	0.076	0.90	1.40	2.30	3.20	3.50	3.80	4.00	4.50	4.90	5.50	6.40	7.10	7.80
9.5	0.078	0.95	1.50	2.40	3.40	3.70	4.00	4.20	4.80	5.20	5.80	6.70	7.50	8.20
10.0	0.080	1.00	1.60	2.50	3.50	3.90	4.20	4.50	5.00	5.50	6.10	7.10	7.90	8.70
12.0	0.087	1.20	1.90	3.00	4.20	4.60	5.00	5.40	6.00	6.60	7.30	8.50	9.50	10.40
15.0	0.094	1.50	2.40	3.80	5.30	5.80	6.30	6.70	7.50	8.20	9.20	10.60	11.90	13.00
20.0	0.109	2.00	3.20	5.00	7.10	7.70	8.40	8.90	10.00	11.00	12.20	14.10	15.80	17.30
30.0	0.141	3.00	4.70	7.50	10.60	11.60	12.50	13.40	15.00	16.40	18.40	21.20	23.70	26.00
40.0	0.156	4.00	6.30	10.00	14.10	15.50	16.70	17.90	20.00	21.90	24.50	28.30	31.60	34.60

*A commonly used standard for nozzle size is the 'nozzle number' which is equivalent to the nozzle capacity in GPM at 4000 PSI.
Spray angle does not affect nozzle volume.

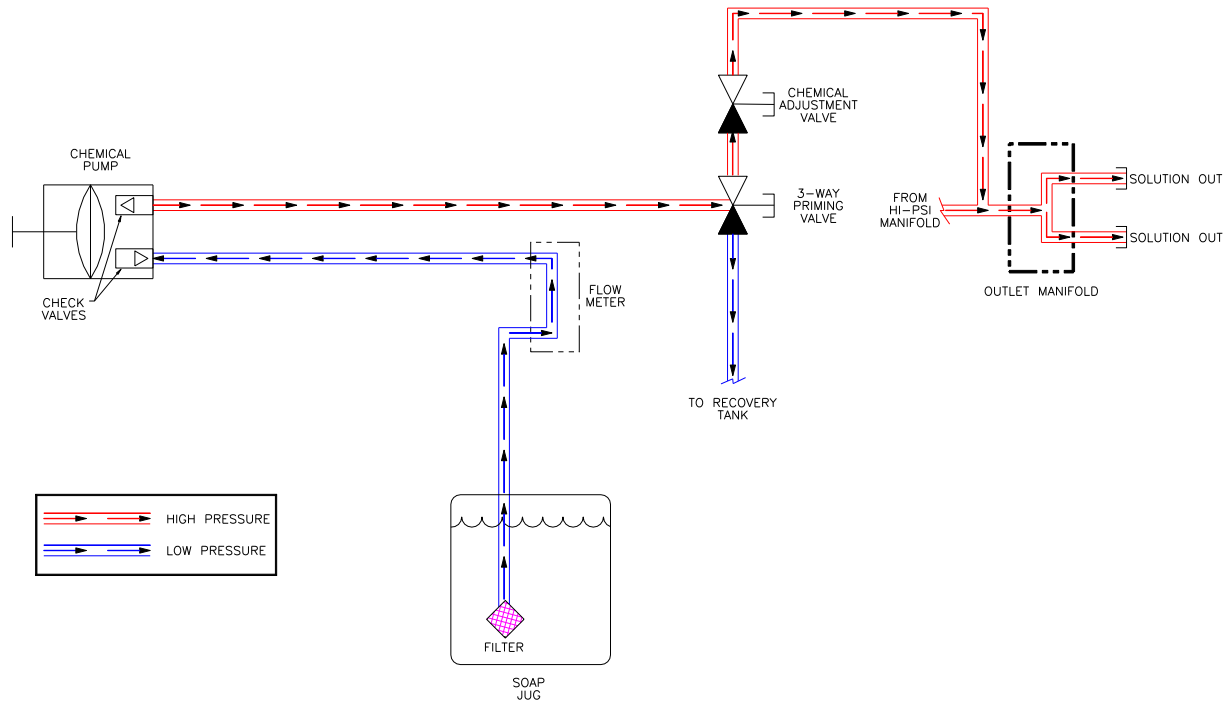
Jet Size and GPB

Nozzle Size #	Orifice Size	100 PSI GPM	250 PSI GPM	500 PSI GPM	600 PSI GPM	700 PSI GPM	800 PSI GPM	1000 PSI GPM
2.0	.034	.32	.50	.71	.77	.84	.89	1.00
4.0	.052	.63	1.00	1.40	1.50	1.70	1.80	2.00
4.5	.055	.71	1.10	1.60	1.70	1.90	2.00	2.20
5.0	.057	.79	1.30	1.80	1.90	2.10	2.20	2.50
5.5	.060	.87	1.40	1.90	2.10	2.30	2.50	2.80
6.0	.062	.95	1.50	2.10	2.30	2.50	2.70	3.00
6.5	.064	1.00	1.60	2.30	2.50	2.70	2.90	3.30
7.0	.067	1.10	1.80	2.50	2.70	2.90	3.10	3.50
7.5	.070	1.20	1.90	2.70	2.90	3.10	3.40	3.80

Chemical Flow Competitors

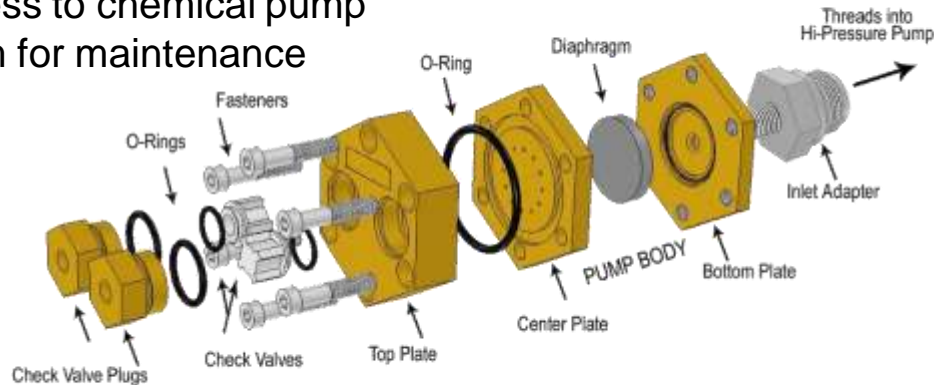


Chemical Flow Diagram: HydraMaster

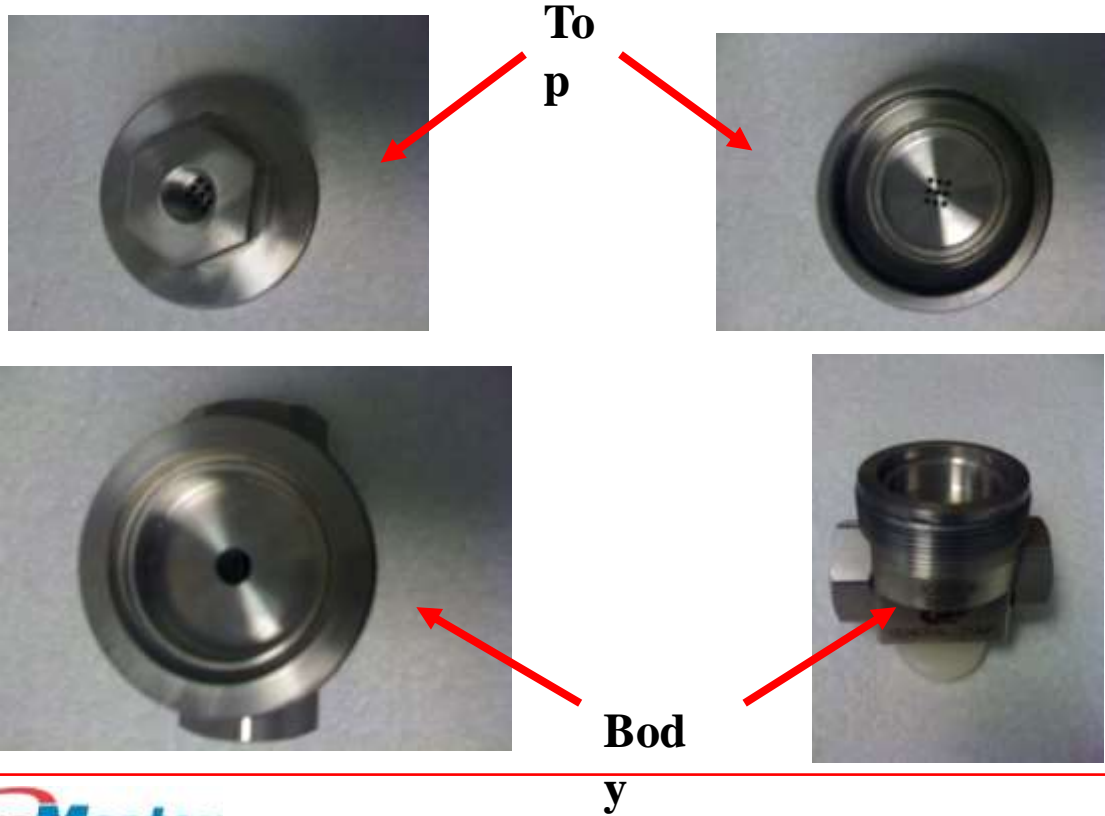


Old Last-Step Chemical Pumps

- Last-Step chemical injection
- No chemicals run through the pump or heat exchanger systems
- Easy access to chemical pump diaphragm for maintenance



New Style Anatomy Chemical Pump



Anatomy of the Chemical Pump

To
Chemical
Pump



To
Hi-Pressure
Pump



Diffuse
r



Diaphrag
m

Adapter

Bypass Regulator

SPRING

BYPASS

I
N

OUT



TRUCKMOUNT COMPARISON CHART		2020		Updated 10/12/2019					
Model	Engine	Pump	Flow Rate/ GPM	Pressure/ PSI	Waste Tach/ Gallons	Vacuum Hg/inch	Package Variations	Contractor	
AIR COOLED SLIDE-IN UNITS									
Entry Level									
HydraMaster TITAN 220	40HP 6-6.5	Hydra-Cool II	3.5	4000	75	Yak III 4000-01		\$ 14,151.75	
HydraMaster TITAN 220	40HP 6-6.5	Hydra-Cool II	3.5	4000	100	Yak III 4000-01		\$ 15,275.50	
Graphix SelectPro Base with	40HP Kubota	VT234001	3.7	4000	50	Yak III 4000-01		\$ 10,984.00	
Hydrox 2 Hard Surface									
HydraMaster Runner 310HP	40HP 6-6.5	HYC-18101	4.0	4000	75	Yak III 4000-01	Hydrox 2H	\$ 16,370.00	
HydraMaster Runner 310HP	40HP 6-6.5	HYC-18101	4.0	4000	100	Yak III 4000-01	Hydrox 2H	\$ 16,899.00	
Graphix SelectPro 3000HP	40HP Kubota	HY234001	3.5	4000	100	Hydra III 4007-1	Hydrox 2H	\$ 22,499.00	
Mid-Size									
HydraMaster TITAN 400	40HP 6-6.5	HYC-18101	4.0	4000	75	Yak III 4000-01		\$ 16,940.00	
HydraMaster TITAN 400	40HP 6-6.5	HYC-18101	4.0	4000	100	Yak III 4000-01		\$ 20,100.00	
Frashem Legend 401	40HP Kubota	General	3.5	4000	50	Hydra III 4007-1		\$ 15,679.00	
Frashem Legend 401	40HP Kubota	General	3.5	4000	100	Hydra III 4007-1		\$ 16,810.00	
Graphix SelectPro 370	40HP Kubota	HY234001	3.5	4000	50	Hydra III 4007-1		\$ 20,000.00	
Graphix SelectPro 370	40HP Kubota	HY234001	3.5	4000	100	Hydra III 4007-1		\$ 20,749.00	
Dead Wood									
HydraMaster Runner HL	40HP 6-6.5	HYC-18101	4.0	4000	75	Yak III 4007-1	Hot Oil Cool Capable	\$ 22,270.00	
HydraMaster Runner HL	40HP 6-6.5	HYC-18101	4.0	4000	100	Yak III 4007-1	Hot Oil Cool Capable	\$ 23,979.00	
LIQUID COOLED SLIDE-IN UNITS									
Single Wheel									
Frashem Peak 500	40HP Kubota	HYC-18101	3.7	4000	50	Hydra III 4140	Oil Cool Capable	\$ 22,087.00	
Frashem Peak 500	40HP Kubota	HYC-18101	3.7	4000	100	Hydra III 4140	Oil Cool Capable	\$ 23,279.00	
Dead Wood									
HydraMaster TITAN 570 - 2019	41.5HP Kubota	HYC-18101	4.0	4000	75	Yak III 4007-1	Hot Oil Cool Capable	\$ 27,701.00	
HydraMaster TITAN 570 - 2019	41.5HP Kubota	HYC-18101	4.0	4000	100	Yak III 4007-1	Hot Oil Cool Capable	\$ 27,939.40	
APR 570	41HP Kubota	HY234001	3.0	4000	50	Hydra III 4007-1	Hot Oil Cool Capable	\$ 27,040.00	
APR 570	41HP Kubota	HY234001	3.0	4000	100	Hydra III 4007-1	Hot Oil Cool Capable	\$ 28,477.00	
Three Wheel									
Graphix Everest 070HP	41HP Kubota	General	3.0	4000	100	None		\$ 27,610.00	
Direct Drive PTO Truckmounts									
Dead Wood									
HydraMaster GDE 4.0 2 axle	Hydra-Kraft Diesel Motor	General	4.0	4000	100	Yak III 4007-1	Hydra-Kraft	\$ 26,770.00	
HydraMaster GDE 4DRIVE	40 HP Kubota	General	4.0	4000	100	Hydra III 4007-1		\$ 26,999.00	
Sammit PTE	Hydra-Kraft Diesel Motor	General	3.5	4000	100	Hydra III 4007-1	Hydra-Kraft	\$ 28,020.00	
Butler	Hydra-Kraft Diesel Motor	CRV 30P	3.0	4000	100	Hydra 4.300	Hydra-Kraft	\$ 28,999.00	
Cleanex Compact 40	3 Wheel PTO	CRV 30P	3.0	4000	100	Hydra 4.300	Hydra-Kraft	\$ 24,150.00	
Cleanex Compact 47	3 Wheel PTO	CRV 30P	3.0	4000	100	Hydra 4.770	Hydra-Kraft	\$ 25,044.00	
Mobile Truckmounts									
HydraMaster TITAN 6000	40HP 6-6.5	General	4.0	4000	75	Yak III 4000-01	Hydrox 2H	\$ 22,499.00	
Dedicated Water/foam Extraction									
HydraMaster Titan HD	41.5HP Kubota	Hydra-Kraft	H.O.	H.O.	100	Yak III 4007-1		\$ 19,899.00	
Orbi-Ex HVE-LL Large Line Unit	40HP Kubota Diesel	H.O.	H.O.	H.O.	Water/foam Ex	Hydra III 4007-1	Hydra-Kraft	\$ 21,970.00	



HydraMaster Resources

Visit our website:

www.hydramaster.com

For part number look-up and distributor pricing

www.hydradealer.com (must have log-in)

For equipment operations and maintenance support visit

Manuals at our website <<https://hydramaster.com/hydramaster-manuals/> or

Youtube library (www.youtube.com/hydramastertv)

HydraMaster University (www.hydramaster.com/university)

For product application assistance, visit

<https://hydramaster.com/cleaning-guides/> or

download our smart phone apps :<https://hydramaster.com/hydramaster-support-app/> OR <https://hydramaster.com/cleanmaster-solutions-app/>.

You can also visit our blog: <https://thecleansceneblog.wordpress.com/>

HydraMaster University (www.hydramaster.com/university)

Visit us on social media:

Facebook: <https://www.facebook.com/cleansolutions/>

Twitter: <https://twitter.com/HydraMasterUSA>

Linkedin: <https://www.linkedin.com/company/hydramaster>

Youtube: www.youtube.com/hydramastertv

Product Sales Videos (HydraMaster TV)

www.youtube.com/hydramastertv



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HydraMaster Resources

HydraMaster Contacts – 800-426-1031 or 425-775-7272

Technical Support (Truckmounts and portables): Louie Patayon <louie.patayon@hydramaster.com> or Dennis Russell <dennis.russell@hydramaster.com> or dial option 2 when you call our office

Inside sales: Bridget Jensen <bridget.jensen@hydramaster.com> or extension 1717 or Nelia Vilorio <nelia.vilorio@hydramaster.com> or extension 1717

Outside Sales: Darren Watts at extension 1308, 425-268-6604, or Darren.watts@hydramaster.com; Mike Lombardozzi at 631-896-2330 or michael.lombardozzi@hydramaster.com

Customer Service: Joe Kraus <joe.kraus@hydramaster.com> or extension 1314

President/CEO/Sales Management: Josh Howard at extension 1323 or <josh.howard@hydramaster.com

Marketing or Graphics help: Doyle Bloss, extension 1728 or doyle.bloss@hydramaster.com or Janelle Ligrani, extension 1616 or janelle.ligrani@hydramaster.com

IT – HydraDealer access and log-in: Stuart Baretta at extension 1129 or <stuart.baretta@hydramaster.com

Accounting: Contact Harold Alexander, CFO, at extension 1815 or Harold.alexander@hydramaster.com, Oka Kencanawati Accounts Payable at ap@hydramaster.com or extension 1124, or Suzie Scott Accounts Receivable at ar@hydramaster.com or extension 1417

Procurement: Wayne Williams, VP of Supply Chain, at extension 1828 or <wayne.williams@hydramaster.com>

Product Management: Chris Ryan <chris.ryan@hydramaster.com> or extension 1320

Shipping Questions (LTL- Truck): Jason Ortiz <shipping@hydramaster.com> or extension 1711

Shipping Questions (small package): Matt Cogan <matthew.cogan@hydramaster.com> or extension 1625

Engineering: Contact Rob Dobbs, Vice President of Engineering at extension 1135 or <robert.dobbs@hydramaster.com



Showroom and Shop Merchandising

**Pound For Pound,
The *BOXSER* Series
Packs a Powerful
Punch**



The *Boxser* Series Truckmounts from HydraMaster lead the way in air-cooled engine, slide-in truck mounts.

MAKES FINE

HydraMaster

The #1 Selling Direct Drive Truckmount in the World!
CDS 4.8



HydraMaster

The #1 Selling Direct Drive Truckmount in the World

- Great turning ability
- Smooth, industry leading Soft Start Booster for standard fuel of choice for restoration and fleet operation.
- Easy to train, easy to operate, easy to service

CDS 4.8 OVERDRIVE

HydraMaster

Industry's **MUST** Proven Design!

The Next Generation of Direct Drive Truckmounts

CDS xDRIVE
SYNCHRONIZED ENGINE SYSTEM

HydraMaster

We've Got Your Back!

INVEST IN YOUR UNLIMITED FUTURE. THERE IS NO RESTORATION OR CLEANING JOB TOO CHALLENGING FOR THE TITAN 575.

When it comes to cleaning solution temperature, few are as hot as HydraMaster delivers incorporating increasing **hot** cleaning solution temperatures even under the most demanding conditions.

Exclusive **PROTECTOR** WATER CONTROL ON TITAN

TITAN

HydraMaster

**High Performance Portable
Extractors**



HydraMaster Portable Extractors

Results Based Restorative Extraction
Cleaning of Carpet, Upholstery, and
Hard Surface Floors

RELENTLESS...
TITAN 575

Proven performance in the most challenging cleaning and restoration environments

DUAL WAND WATER COOLED ENGINE POWERHOUSE

HydraMaster

TMTQ 4000

Uncompromising Deep Cleaning and Biochemical Extraction

TMTQ 4000™

Key Features:

We've Got Your Back!

RELENTLESS...
TITAN 575

Proven performance in the most challenging cleaning and restoration environments

Key Features:

HydraMaster

11 x 17" posters or counter signs – available on request



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Showroom and Shop Merchandising

TITAN TOUGH

TITAN 425

TITAN 575

TITAN 325



HydraMaster
HydraMaster.com

- More intuitive to use panel and directions makes it easier to train new techs and easier to maintain
- Refreshed appearance makes a professional impression to your cleaning and restoration customers
- Machines that match your perseverance in delivering optimum performance

36" x 24" posters

HydraMaster
We've Got Your Back



Made in the USA

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Showroom and Shop Merchandising

Authorized Master Distributor



www.HydraMaster.com

HydraMaster
We've Got Your Back



3' x 10' banner

Earned through sales performance or incentives

HydraMaster
We've Got Your Back



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Showroom and Shop Merchandising



Earned through sales performance or incentives

3' x 5' logo mat



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Showroom and Shop Merchandising



Showroom display cart Earned through sales performance or incentives



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A World-Wide Leader in Truckmounted Cleaning Equipment



Enabling the success of the cleaning
and restoration contractor
through innovative design,
quality construction, reliable
performance, and
unparalleled support

HydraMaster
We've Got Your Back



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We've Got Your Back!



HydraMaster warranty service is rated #1 by distributor mechanics!



- **HydraMaster reliability, durability, and dependability** - The numbers demonstrate that this generation of HydraMaster Truckmounts rank as the most dependable units we have ever designed.
- **Uncompromising Performance** - Clean faster, clean hotter, and dry faster to help you make more money. Best in class performance at every level.
- **Hassle-Free Warranty Service** - on the rare occasion something goes wrong outside of regular maintenance, your local HydraMaster distributor and HydraMaster combine to provide you with hassle-free warranty support.



TITAN SERIES

CDS 4.8[™]
OVERDRIVE

CDS xDRIVE
ACCELERATED DRIVE SYSTEM

BOXXER Series



**We've Got
Your Back!**

HydraMaster
We've Got Your Back



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HydraMaster Truckmount Troubleshooting App

This app will help you troubleshoot some common questions while operating and maintaining your HydraMaster equipment.



- On the job immediate support 24/7/365
- HydraMaster Distributor Locator
- Great for training technicians
- Access diagrams, charts, videos and more!
- Quick link to HydraMaster Tech Support
- GM/Ford Service Dealer Locator



Get the APP!



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HydraMaster Truckmount Elevator Sales Speech "Cheat Sheet"

CDS DIRECT DRIVE

1. #1 selling direct drive truckmount in the world
2. Easy to operate and train – low maintenance
3. Leaves the most cargo room of any truckmount



CDS xDRIVE DIRECT DRIVE

1. Only direct drive that can go in a unibody van
2. Hybrid electronic technology
3. Rivals the power, heat, vacuum, and performance of the biggest slide-ins



TITAN 575

1. Relentless dual wand workhorse
2. Easy access magnetic panels
3. Liquid cooled 32.5HP Kubota engine for reliability and longevity



TITAN H2O

1. Purpose built for water extraction
2. No pressure/solution side reduces maintenance
3. Liquid cooled 32.5HP Kubota engine for reliability and longevity



TMTG4000 Truckmount to Go

1. The mobile truckmount that does not require a truck
2. Both extraction and cleaning capability
3. Automatic wastewater disposal system included



BOXXER XL

1. 31HP, 400+CFM, 240°F, 2 Wands = The numbers add up
2. Most economical true dual wand unit
3. In a class all by itself



TITAN 425

1. Sweet spot machine – more horsepower, more heat
2. Better heat control, less water dumping
3. Better air circulation – no belt cooling fans required



BOXXER 318HP

1. Up to 1500psi cleaning pressure for hard surface
2. Addresses reality of flooring marketplace
3. Stainless steel solution pump, high pressure heater coil
4. Hydra-Clutch plus high pressure – perfect for restoration



TITAN 325

1. Affordable value, radical performance – entry level, step up
1. Hydra-Clutch for water extraction
2. Easy maintenance with high level of reliability



HydraMaster warranty service is rated #1 by distributor mechanics!

"We've got your back"

HydraMaster
We've Got Your Back



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HydraMaster Distributor Flash Drive Contents

- Ads for your email blasting and social media posts – this includes jpeg formatted ads for our equipment, tools, chemicals, and accessories that you can use in your own email blasts and in social media posts
- Chemical Resources – this includes the full cleaning reference guide, distributor order forms, safety data sheets, product information sheets, high and low res pictures and more for the full HydraMaster line of chemicals
- Distributor Meeting – presentations from our 2019 Distributor conference
- HydraMaster Accessory and Tools Product Information Sheets
- HydraMaster Commercial – product information sheets, product pictures, and price lists for our new HydraMaster Commercial division
- HydraMaster Portable Product Information Sheets
- HydraMaster Product photos – photos for your website and use of all of HydraMaster products
- HydraMaster Restoration Product Information Sheets
- HydraMaster Sales and Product Training – essentially what is contained in your sales training notebook. Includes PowerPoints to train your staff
- HydraMaster Website Matching URL – The specifics of how to be listed under the “Buy Online” option of HydraMaster.com
- Product in Use Photos – a collection of jpeg formatted photos of various HydraMaster products in use and truckmount installs
- Product Sales and Social Media Videos – videos for all of our truckmounts, portable, tools, and accessories as well as our chemicals
- Showroom Banners and Posters- a collection of posters you can print out yourself for your showroom
- TreadMaster – product information sheets and pictures for HydraMaster’s escalator cleaning machine
- Truckmount Product Information Sheets
- 2019 Distributor Price List for major products
- HydraMaster Rotating PowerPoint presentation for presentation on your showroom television



Product Information Sheets - Truckmounts

Relentless...
Dual Wheel Use Means Performance in the most challenging environments.

Key Features

- Dual Wheel Use Means Performance in the most challenging environments.
- 575 CFM of air flow.
- 1200 PSI of water pressure.
- 245°F of steam heat.
- 2 wand configurations.
- 2 spray lance configurations.
- 2 spray lance configurations.
- 2 spray lance configurations.
- 2 spray lance configurations.

TITAN 575

HydraMaster
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A Ferocious Appetite for Clean and Dry
When horsepower, secure feet, better fuel control, less dumping.

Key Features

- 425 CFM of air flow.
- 1200 PSI of water pressure.
- 245°F of steam heat.
- 2 wand configurations.
- 2 spray lance configurations.
- 2 spray lance configurations.
- 2 spray lance configurations.
- 2 spray lance configurations.

TITAN 425

HydraMaster
www.hydramaster.com | 800.426.1301 | 425.775.7272

Step up your game
Affordable value... Excellent Performance!

Key Features

- 325 CFM of air flow.
- 1200 PSI of water pressure.
- 245°F of steam heat.
- 2 wand configurations.
- 2 spray lance configurations.
- 2 spray lance configurations.
- 2 spray lance configurations.
- 2 spray lance configurations.

TITAN 325

HydraMaster
www.hydramaster.com | 800.426.1301 | 425.775.7272

Uncompromising Deep Cleaning and Restorative Extraction

TMTQ 4000™

Key Features

- 4000 CFM of air flow.
- 1200 PSI of water pressure.
- 245°F of steam heat.
- 2 wand configurations.
- 2 spray lance configurations.
- 2 spray lance configurations.
- 2 spray lance configurations.
- 2 spray lance configurations.

TITAN 4000

HydraMaster
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TITAN H₂O

Purpose Built for Restoration and Flood Work

Standard Equipment

- 1200 PSI of water pressure.
- 245°F of steam heat.
- 2 wand configurations.
- 2 spray lance configurations.
- 2 spray lance configurations.
- 2 spray lance configurations.
- 2 spray lance configurations.
- 2 spray lance configurations.

TITAN H₂O

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Emboldening Cleaning Business Owners with the Next Most Important Step for Their Success.

It is time for you to add a hard surface dedicated cleaning machine and van to your fleet.

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37HP + 400 CFM + 1200PSI + 245°F + 2 Wands = The numbers add up to your next hydroevent!

Boxer XL

Key Features

- 37HP of engine power.
- 400 CFM of air flow.
- 1200 PSI of water pressure.
- 245°F of steam heat.
- 2 wand configurations.
- 2 spray lance configurations.
- 2 spray lance configurations.
- 2 spray lance configurations.

Boxer XL

HydraMaster
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The #1 Selling Direct Drive Truckmount in the World!

CDS 4.8

Key Features

- 4.8 CFM of air flow.
- 1200 PSI of water pressure.
- 245°F of steam heat.
- 2 wand configurations.
- 2 spray lance configurations.
- 2 spray lance configurations.
- 2 spray lance configurations.
- 2 spray lance configurations.

CDS 4.8

HydraMaster
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The Next Generation of Direct Drive Truckmounts

CDS xDRIVE

Key Features

- xDRIVE of air flow.
- 1200 PSI of water pressure.
- 245°F of steam heat.
- 2 wand configurations.
- 2 spray lance configurations.
- 2 spray lance configurations.
- 2 spray lance configurations.
- 2 spray lance configurations.

CDS xDRIVE

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Product Information Sheets – Portables, Restoration

PEX 500

WATER FROM DRAINAGE HEATED EXTRACTION

BACK HOME!



Water damage is a common occurrence in homes and businesses. The PEX 500 is a portable, self-contained unit designed to extract water from drainage systems. It is ideal for use in areas where traditional extraction methods are not feasible, such as basements, crawl spaces, and attics. The unit is compact, easy to move, and can be used in a wide range of applications. It features a built-in pump and a collection tank, making it a convenient solution for water removal. The PEX 500 is also designed to be safe for use in occupied spaces, as it does not require the use of harsh chemicals or high temperatures. It is a reliable and effective tool for water damage restoration.

Features:

- Compact and portable design
- Self-contained unit with built-in pump and collection tank
- Ideal for use in basements, crawl spaces, and attics
- Safe for use in occupied spaces
- Easy to move and store

Applications:

- Water damage restoration
- Flood damage cleanup
- Basement water removal
- Crawl space water extraction
- Attic water removal

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King Cobra i200 Pro

MULTI-SURFACE EXTRACTOR



The King Cobra i200 Pro is a powerful, multi-surface extractor designed for professional use. It is capable of extracting water from a wide range of surfaces, including concrete, tile, and carpet. The unit features a high-capacity collection tank and a powerful pump, ensuring efficient water removal. It is also equipped with a variety of accessories, including hoses and nozzles, to accommodate different extraction needs. The King Cobra i200 Pro is a reliable and effective tool for water damage restoration.

Features:

- High-capacity collection tank
- Powerful pump for efficient water removal
- Multi-surface extraction capabilities
- Variety of accessories for different applications
- Compact and portable design

Applications:

- Water damage restoration
- Flood damage cleanup
- Carpet water extraction
- Tile and concrete water removal

HydraMaster

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HYDRAPORT Series

HIGH PERFORMANCE HEATED EXTRACTION



The HydraPort Series is a high-performance heated extraction system designed for professional use. It is capable of extracting water from a wide range of surfaces, including concrete, tile, and carpet. The unit features a high-capacity collection tank and a powerful pump, ensuring efficient water removal. It is also equipped with a variety of accessories, including hoses and nozzles, to accommodate different extraction needs. The HydraPort Series is a reliable and effective tool for water damage restoration.

Features:

- High-capacity collection tank
- Powerful pump for efficient water removal
- Heated extraction capabilities
- Variety of accessories for different applications
- Compact and portable design

Applications:

- Water damage restoration
- Flood damage cleanup
- Carpet water extraction
- Tile and concrete water removal

HydraMaster

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Flood King

HIGH PERFORMANCE WATER EXTRACTION FOR RESTORATION



The Flood King is a high-performance water extraction system designed for professional use. It is capable of extracting water from a wide range of surfaces, including concrete, tile, and carpet. The unit features a high-capacity collection tank and a powerful pump, ensuring efficient water removal. It is also equipped with a variety of accessories, including hoses and nozzles, to accommodate different extraction needs. The Flood King is a reliable and effective tool for water damage restoration.

Features:

- High-capacity collection tank
- Powerful pump for efficient water removal
- High-performance extraction capabilities
- Variety of accessories for different applications
- Compact and portable design

Applications:

- Water damage restoration
- Flood damage cleanup
- Carpet water extraction
- Tile and concrete water removal

HydraMaster

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Oasis Plus

OZONE GENERATOR



The Oasis Plus is a powerful ozone generator designed for professional use. It is capable of generating ozone gas, which is used for disinfection and deodorization. The unit features a high-capacity collection tank and a powerful pump, ensuring efficient ozone generation. It is also equipped with a variety of accessories, including hoses and nozzles, to accommodate different applications. The Oasis Plus is a reliable and effective tool for water damage restoration.

Features:

- High-capacity collection tank
- Powerful pump for efficient ozone generation
- High-performance ozone generation capabilities
- Variety of accessories for different applications
- Compact and portable design

Applications:

- Disinfection and deodorization
- Mold remediation
- Carpet deodorization
- Tile and concrete deodorization

HydraMaster

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Product Information Sheets – TreadMaster

The TreadMaster™

Automatic Excavator Cleaner



The TreadMaster is an automatic excavator cleaner designed for professional use. It is capable of cleaning excavator tracks and undercarriage components. The unit features a high-capacity collection tank and a powerful pump, ensuring efficient cleaning. It is also equipped with a variety of accessories, including hoses and nozzles, to accommodate different cleaning needs. The TreadMaster is a reliable and effective tool for excavator maintenance.

Features:

- High-capacity collection tank
- Powerful pump for efficient cleaning
- Automatic cleaning capabilities
- Variety of accessories for different applications
- Compact and portable design

Applications:

- Excavator track cleaning
- Undercarriage cleaning
- Excavator maintenance

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Product Information Sheets – Tools & Accessories

EVOLUTION Wand & Tool Series

Manufactured with Duro® Gables

Best-in-class | 100% Heavy-Duty | 100% Durable

Best-in-class Glided Upholstery Tool

Best-in-class Upholstery Wand

Best-in-class Upholstery Wand - 2.0 Series

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EVOLUTION Wand & Tool Series

Manufactured with Duro® Gables

Best-in-class | 100% Heavy-Duty | 100% Durable

Best-in-class Upholstery Wand - 3.0 Series

Best-in-class Upholstery Wand - 4.0 Series

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DrMaster 3 Upholstery Cleaning Tool

100% Heavy-Duty | 100% Durable

HydraMaster

R-20 Rotary Jet Extractor

The Most Powerful Rotary Jet Extractor

HydraMaster

EVOLUTION R-12

100% Heavy-Duty | 100% Durable

HydraMaster

EVOLUTION Glided Upholstery Tool

100% Heavy-Duty | 100% Durable

HydraMaster

EVOLUTION Stair Wand

100% Heavy-Duty | 100% Durable

HydraMaster

EVOLUTION WAND RACK HOLDER

100% Heavy-Duty | 100% Durable

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Product Information Sheets – Tools & Accessories

AWDS

Automatic Wastewater Disposal System



Standard Features

- 100% automatic operation
- 100% stainless steel construction
- 100% stainless steel piping
- 100% stainless steel tank
- 100% stainless steel pump
- 100% stainless steel float valve
- 100% stainless steel vent pipe
- 100% stainless steel discharge pipe
- 100% stainless steel electrical wiring
- 100% stainless steel electrical conduit
- 100% stainless steel electrical boxes
- 100% stainless steel electrical switches
- 100% stainless steel electrical outlets
- 100% stainless steel electrical ground rods
- 100% stainless steel electrical ground wires
- 100% stainless steel electrical ground plates
- 100% stainless steel electrical ground lugs
- 100% stainless steel electrical ground nuts
- 100% stainless steel electrical ground washers
- 100% stainless steel electrical ground bolts
- 100% stainless steel electrical ground anchors
- 100% stainless steel electrical ground rods
- 100% stainless steel electrical ground wires
- 100% stainless steel electrical ground plates
- 100% stainless steel electrical ground lugs
- 100% stainless steel electrical ground nuts
- 100% stainless steel electrical ground washers
- 100% stainless steel electrical ground bolts
- 100% stainless steel electrical ground anchors

HydraMaster

HydraCradle

MAXXFACE™ Freshwater Tank/ Electric Hose Reel Combo



Key Features

- 100% stainless steel construction
- 100% stainless steel piping
- 100% stainless steel tank
- 100% stainless steel pump
- 100% stainless steel float valve
- 100% stainless steel vent pipe
- 100% stainless steel discharge pipe
- 100% stainless steel electrical wiring
- 100% stainless steel electrical conduit
- 100% stainless steel electrical boxes
- 100% stainless steel electrical switches
- 100% stainless steel electrical outlets
- 100% stainless steel electrical ground rods
- 100% stainless steel electrical ground wires
- 100% stainless steel electrical ground plates
- 100% stainless steel electrical ground lugs
- 100% stainless steel electrical ground nuts
- 100% stainless steel electrical ground washers
- 100% stainless steel electrical ground bolts
- 100% stainless steel electrical ground anchors

HydraMaster

The 70 Gallon Sub-Mount RMT Freshwater Tank from HydraMaster



Key Features

- 100% stainless steel construction
- 100% stainless steel piping
- 100% stainless steel tank
- 100% stainless steel pump
- 100% stainless steel float valve
- 100% stainless steel vent pipe
- 100% stainless steel discharge pipe
- 100% stainless steel electrical wiring
- 100% stainless steel electrical conduit
- 100% stainless steel electrical boxes
- 100% stainless steel electrical switches
- 100% stainless steel electrical outlets
- 100% stainless steel electrical ground rods
- 100% stainless steel electrical ground wires
- 100% stainless steel electrical ground plates
- 100% stainless steel electrical ground lugs
- 100% stainless steel electrical ground nuts
- 100% stainless steel electrical ground washers
- 100% stainless steel electrical ground bolts
- 100% stainless steel electrical ground anchors

HydraMaster

85 Gallon SubMount Freshwater Tank



Key Features

- 100% stainless steel construction
- 100% stainless steel piping
- 100% stainless steel tank
- 100% stainless steel pump
- 100% stainless steel float valve
- 100% stainless steel vent pipe
- 100% stainless steel discharge pipe
- 100% stainless steel electrical wiring
- 100% stainless steel electrical conduit
- 100% stainless steel electrical boxes
- 100% stainless steel electrical switches
- 100% stainless steel electrical outlets
- 100% stainless steel electrical ground rods
- 100% stainless steel electrical ground wires
- 100% stainless steel electrical ground plates
- 100% stainless steel electrical ground lugs
- 100% stainless steel electrical ground nuts
- 100% stainless steel electrical ground washers
- 100% stainless steel electrical ground bolts
- 100% stainless steel electrical ground anchors

HydraMaster

Stainless Steel Chemical 3-Tier Shelf



Standard Features

- 100% stainless steel construction
- 100% stainless steel piping
- 100% stainless steel tank
- 100% stainless steel pump
- 100% stainless steel float valve
- 100% stainless steel vent pipe
- 100% stainless steel discharge pipe
- 100% stainless steel electrical wiring
- 100% stainless steel electrical conduit
- 100% stainless steel electrical boxes
- 100% stainless steel electrical switches
- 100% stainless steel electrical outlets
- 100% stainless steel electrical ground rods
- 100% stainless steel electrical ground wires
- 100% stainless steel electrical ground plates
- 100% stainless steel electrical ground lugs
- 100% stainless steel electrical ground nuts
- 100% stainless steel electrical ground washers
- 100% stainless steel electrical ground bolts
- 100% stainless steel electrical ground anchors

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The #1 Selling Direct Drive Truckmount in the World



Industry's Most Proven Design!



- Space saving design
- Smallest industry footprint
- Salsa Heat Booster now standard
- Unit of choice for restoration and fleet operations
- Easy to train, easy to operate, easy to service



“I need a machine to clean any surface at anytime of the day or night at any location. It needs to leave me room in my rig for the rest of my equipment, be easy to maintain, and make me money for a long, long time.”

I need a HydraMaster CDS”

3 Years
Warranty



CDS 4.8
OVERDRIVE



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**“ I need my machine
to leave enough
room in my rig for
all my other money
making gear.”**

**Smallest footprint in the industry.
Compact, space saving design allows
for flexibility in van set up.**

Perfect for hauling restoration equipment (airmovers, dehumidifiers, directed heat), power wands, RX20's, upholstery tools, rotary hard surface tools, chemical solutions, hauling rugs and furniture and more. Say "yes" to virtually any hard or textile surface cleaning or restoration job and make that cash with a CDS Direct Drive truckmount from HydraMaster.



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**“ I need my machine
to make me money
even if I can't turn
my own wrench. ”**

Lower maintenance and ease of serviceability reduces costs and downtime, plain and simple.

Your CDS comes with a nationwide network of factory authorized warranty and service centers featuring the best distributors in the industry. The open design of the CDS makes for easy access to internal components, centrally located, protected wiring box, easy access to all drain hoses, means the daily, weekly and periodic maintenance is a breeze.



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**“ I need my
machine to
make money for
a LONG,
long time.”**

Reliable. Durable. Dependable.

CDS Direct Drive Truckmounts, the industry's longest proven track record of performance and success. HydraMaster longevity and reputation means we will be here for years to come to support you. Maximum return on investment and highest resale value in the industry



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**“ I need my
machine to
make money
when my
technicians are
running it. ”**

Simple-to-operate and easy to
train your cleaning techs.

The CDS is the perfect choice for fleet operations. More of
the largest carpet cleaning and restoration companies in
the USA choose the HydraMaster CDS as their truckmount
of choice more than any other truckmount.



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“ I need my machine to make money no matter what surface I am cleaning. ”

Flexible and powerful performance allows for many uses

The CDS gives you consistent hot cleaning solutions and pressures for whatever you are cleaning. A perfect cleaning machine and ideal for flood and water damage restoration work, pressure washing, stone, tile and concrete cleaning and more. More types of jobs, more money for you.



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“

I need a machine to clean any surface at anytime of the day or night at any location. It needs to leave me room in my rig for the rest of my equipment, be easy to maintain, and make me money for a long, long time.

I need a
HydraMaster CDS

”



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Specifications:

Power Transfer Package

- CDS Electronic speed control – (ESC technology increases vacuum efficiency by 30% and reduce fuel consumption
- Over-Drive™ power train technology – low engine RPM design boosts vacuum and cfm performance and lowers fuel consumption to only 1.6gph
- Double u-jointed flexible drive shaft
- Heavy duty electrically activated clutch
- Improved reliability, reduced vibration
- Shaft-capture safety system
- High temperature, high performance bearings

Vacuum: 4007 Dominator Tri-Lobe Blower, 400+ CFM

- HydraMaster exclusive design
- Dual oil bath design with sight level windows
- Durable helical gear drive
- Pulsation and sound reduced

Solution Pump: Plunger pump with 1200 operating psi

- 4.0 gpm solution pump
- Smooth operation 3-stage plunger design
- Operator adjustable pressure from 0 to 1200psi
- Last-step chemical pulse pump/chemical injection means no chemicals pass through the water pump or heat exchangers

Heating System:

- Mounted on the recovery tank, the **dual** tube & shell heat exchangers tie into the vehicle coolant system, taking advantage of the massive BTU production of the vehicle engine
- The *Salsa* Heat Booster System™ includes a blower exhaust tube and fin heat exchanger to boost cleaning solution temperature production by 30-45°F. The *Salsa* **now comes standard with all CDS units.**

Dimensions: - 39”H x 24”W x 41”D



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Salsa™ Heat Boosting System

The *Salsa Heat Booster System*™ on your CDS can increase your heat 30-45°F. HydraMaster engineers have designed with the *Salsa*™ a water heating system that keeps you in the heat – even when using two wands, or using high production, high water flow tools like the HydraMaster RX-20.

The *Salsa*™ is the hottest blower heat exchanger on the market, it produces working temperatures as high as 235°F.

If you have been looking for a machine with the simplicity, reliability, and ease of operation of a direct-drive and the high heat of a slide-in, the CDS *Salsa*™ is the machine for you.



Now comes
standard!

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“On the fence? Have them call me.”

Don S. from Kentucky had challenge professional cleaners sometimes face. His relatively new van and direct drive truckmount were totaled by the insurance company after an accident. He had jobs booked and customers waiting. So he found a HydraMaster CDS van/machine package all ready to go. He purchased it, put it to work right away, and was amazed by the results.

“I am very impressed with my HydraMaster CDS. If you have someone on the bubble between the other guy’s direct drive and this unit, you have them contact me.

This unit blows their direct drive out of the water”

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Don't just listen to us, see what some of the thousands of happy CDS owners have to say:

"Loving our CDS! It's been six months already and we could not imagine owning a slide-in ever again!"

Kait, CleanMaster Services

"We use the CDS and love 'em. We are already ready for another new one!"

Shawn, Extreme Clean Carpet Cleaning

"I have a CDS in my truck and it is the best unit I have ever had. HydraMaster is the best of the best!"

William, Super Clean Carpet Care

"I love mine. It has 4875 hours on it, and it purrs like a kitten but has the cleaning power of a lion! Very rare that we ever have a problem. By far the most reliable machine I have ever seen."

Larry, Regency Carpet Care

After owning five other Hydramaster truckmounts, I just purchased my first CDS 4.8 and installed it in a new Chevy 14' box truck. I love the fact it takes up so little space and allows me more room to carry more equipment to clean with. I also love the fact I can lock it up when I am doing a cleaning job in a rough part of town."

Scott, Master Steam

"I love my CDS! I can lock it up and leave it to go inside and clean without worry of things being stolen. It's quieter than slide-in truckmounts and offers a lot more equipment for my jobs> It is simpler for my technicians to use, requires less maintenance, and has fewer breakdowns than most slide-in truckmounts. I seriously love my CDS's – I own three of them now and won't go with anything else. Thanks HydraMaster - I am a convert!"

Aaron, Aaron Quality Cleaners



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Why a HydraMaster Direct Drive Truckmount is the choice of so many cleaning and restoration professionals

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Direct Drive Truckmounts



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Slide-in vs. Direct Drives

Truckmounts are available as either slide-ins or direct drives. Slide-in machines basically “slide” into the back of a van or box truck and are powered by their own engines. In contrast, direct drives are attached to a van’s drive train or use the engine to power a generator in order to use the vehicle’s motor for heat and power.



Direct drives tap a van’s engine for power and heat via a clutch system attached to the vehicle’s drive train or via a generator that is attached to the motor to create a hybrid like electric power system. With no engine to wear and tear, they require much less maintenance and offer the highest reliability and longevity. Direct drives take up less cargo space than slide-ins, too, leaving more room for additional equipment.



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Advantages of a Direct Drive Truckmount

Safe and secure quieter operation. Ability to close doors during operation. Protects internal contents from weather exposure. Quiet operation allows for nighttime commercial cleaning and restoration work.



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Advantages of a Direct Drive Truckmount

Smallest footprint in the industry. Compact, space saving design allows for flexibility in van set up. Perfect for hauling restoration equipment (airmovers, dehumidifiers, directed heat), power wands, RX20 rotary jet extractors, rotary hard surface tools, chemical solutions, hauling rugs and furniture, airmovers and dehumidifiers and more.



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Advantages of a Direct Drive Truckmount

Lower maintenance and ease of serviceability reduces costs and downtime .



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Advantages of a Direct Drive Truckmount

Reliable, durable, and dependable. HydraMaster Direct Drive truckmounts have the industry's longest proven track record (1985 – present) of performance and success.

TRACK RECORD MATTERS



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Advantages of a Direct Drive Truckmount

Simple to operate and easy to train technicians make the HydraMaster CDS or CDS xDRIVE the perfect choice for fleet operations and less mechanically inclined owner/operators.



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Advantages of a Direct Drive Truckmount

Even weight distribution reduces wear on van (less tires, shocks, brakes due to less weight and centrality of weight)



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Advantages of a Direct Drive Truckmount

Excellent warranty coverage with superior customer support and service through national distribution network and corporate customer care team.

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HydraMaster warranty service is rated #1 by distributor mechanics!



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Advantages of a Direct Drive Truckmount

Value – maximum return on investment and highest re-sale value in the industry.



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Advantages of a Direct Drive Truckmount

Flexible and powerful performance allows for many uses. A perfect cleaning machine ideal for flood and water damage restoration work, pressure washing, hard surface cleaning and more.



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Some
FAQS

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Q. Doesn't owning a Direct Drive require that you purchase a new van increasing your cost and potential payments?

A. When looking at purchasing any new truckmount, it often makes good business sense to invest in a new van or vehicle simultaneously. Your new truckmount can make a powerful impression on your potential customers. You want to make sure that your vehicle makes that same powerful impression. Plus with used van prices on the rise and innovative financing programs from our partner finance companies, you can often finance a new van and **HydraMaster CDS or CDS xDRIVE** unit for easy monthly payments and end up with your dream vehicle and set-up.

Q. What happens if I'm in an accident with my van? Now I'm completely down-and-out of business for who knows how long!

A. Most insurance policies will cover both van and unit and often times you could have a new van and new unit as quick as pulling your slide in unit, finding a new van and re-installing it. In fact, most rental companies will not allow you to drill the holes necessary in a rental vehicle to move your slide-in into anyways.

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Some
FAQS

**CDS 4.8
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Q. Can the HydraMaster CDS or CDS xDRIVE do everything I may want or need to do as a cleaner or restorer?

A. The HydraMaster CDS or CDS xDRIVE provides you with all the power and performance you need for cleaning and restoring any surface. Think of a CDS as a 200HP unit, because it gets its power from your van engine. CDS units have low medium and high, for upholstery, single wand and dual wand. The CDS will match power and performance with virtually all slide-ins, except for 50+ HP water cooled engine slide-ins. With the HydraMaster CDS XDRIVE producing a consistent 18-20KW of power, you are getting the equivalent of a 27-31HP slide-in unit. Even if you plan on dual wanding on every job, the HydraMaster CDS or CDS xDRIVE will provide you with all the power and flexibility you need.

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Some
FAQs

**CDS 4.8
OVERDRIVE**

Q. Hey, gas ain't cheap. How does the fuel consumption of a CDS compare to that of a slide-in unit?

A. Both HydraMaster Direct Drive truckmounts are fuel misers and wallet friendly. With the **CDS**, HydraMaster's exclusive Electronic Speed Control (ESC) is engineered to work in conjunction with Ford & General Motors engine control systems to optimize van fuel efficiency during **CDS** operation. That provides you with all of the benefits of operating a **CDS** unit with fuel consumption (1.5-1.7 gpm) that is equal to most mid-size truckmounts, and better than a typical large format truckmount. Even better, a **CDS** uses that same fuel consumption that the engine needs to power the van to create a continuous flow of hot water for cleaning and sanitizing carpet and hard surfaces. The **CDS xDRIVE** provides you with a range of settings designed for you to be ready to take on the most simple to the most challenging cleaning jobs. The proprietary **ECONOMY FUEL SAVER** and **BOOST** settings are the first of their kind for a direct drive truckmount. Fuel consumption with a **CDS xDRIVE** ranges from 1.48 to 1.95 gph – the equivalent or less than a mid-size slide-in truckmount. Fuel efficient consumption and squeezing every ounce of energy out of that fuel, what could be more "earth friendly" and "wallet friendly" than that?

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Q. Doesn't a HydraMaster CDS or CDS xDRIVE cost a lot more than most slide-ins?

A. HydraMaster CDS or CDS xDRIVE costs you just a little more than a powerful air-cooled engine slide in unit and about the same or less than a water cooled engine slide-in. We believe when making any truckmount investment you should begin with your three to four year goal in mind. Plus, the **HydraMaster CDS or CDS xDRIVE** requires the least maintenance and is the easiest unit to train your staff to use. In addition, the space saving design allows you to store more equipment which means you don't have to spend money on another vehicle to transport accessories. A **HydraMaster CDS or CDS xDRIVE** typically has simpler and less extensive service intervals and you have to maintain your van engine either way. The **HydraMaster CDS or CDS xDRIVE** simply lasts longer than entry level slide-in units so when you eventually pay off your **HydraMaster CDS or CDS xDRIVE** in 4-6 years, your unit will likely still be running strong. You also decrease maintenance costs on both the machine and your van (shocks, brakes, tires, etc...) due to carrying less weight and even weight distribution will offset any extra increase in payments. In addition, both the **HydraMaster CDS** and **CDS xDRIVE** are backed by the HydraMaster Ownership Experience Guarantee. We've got your back when it comes to support. The reliable track record of our direct drive truckmounts has been so dependable that both the **CDS** and the **CDS xDRIVE** come with a three year warranty. Compare that with the typical two year warranty on a slide-in truckmount and you have another reason why a direct drive truckmount from HydraMaster is such a worthy investment.



Q. What type of vans can I install a HydraMaster CDS or CDS xDRIVE in? Can I install it in a smaller “transit van?”

A. We recommend you install your **CDS** in a new Chevy Express or GMC cargo van. Our 45+ years’ experience manufacturing both slide-in and direct drive truckmounts tells us that most cleaning operations these days are too diversified and need to carry too much equipment to make a small transit van or “min-van” format practical. The **CDS** can sometimes be installed in low mileage used Chevy Van. A good general rule of thumb is less than 2 years old and less than 30,000 miles on the engine. Talk with your nearest HydraMaster distributor for more information.

The **CDS xDRIVE** must be installed in a 2016+ T250 or T350 Ford Transit. It can be the low, middle, or high roof option. It **MUST** be the 3.7L gas engine.

Both HydraMaster Direct Drive truckmounts provide you with the smallest footprint in the industry. Their compact, space-saving design allows you maximum flexibility in your van set-up. It is perfect for hauling restoration equipment (airmovers, dehumidifiers, directed heat), power wands, RX-20’s, upholstery tools, rotary hard surface tools, chemical solutions, hauling rugs and furniture and more. The **HydraMaster CDS or CDS xDRIVE** allows you to say “yes” to virtually any hard or textile surface cleaning or restoration job



Q. How does a HydraMaster CDS or CDS xDRIVE affect the longevity of the van it is installed in?

A. First the **HydraMaster CDS or CDS xDRIVE** provides more even weight distribution across the van than with most slide-in units and actually reduces wear on the van (lighter in weight, less tire wear, shocks, and brakes due to less weight and centrality of weight). The **CDS** runs the van at a low RPM and is only utilizing around 18% of the available capacity of the engine. It is like driving a van around on the freeway at about 25 to 30 miles an hour. Plus, there is no stopping or starting and puts very little wear on the engine. Many vans with **CDS** units have well over 150,000 miles on them with the same CDS unit still inside. In addition, when the time comes that the van engine needs to be replaced, changing an engine on a van is only marginally more expensive than replacing a liquid cooled engine on a slide in.

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Q. Does Chevy and/or Ford approve the installation of a direct drive truckmount into their vehicles? Won't it void the van warranty?

A. First off, let us address one of the most commonly mistaken and often repeated myths about after-market modifications of vans. HydraMaster is unaware of any specific certification or approval program maintained by Chevy or Ford when it comes to after-market modifications of their vans – whether it be ambulance conversions, news truck conversions, camper conversions, box truck modifications, or direct drive or power take off truckmount installations. HydraMaster has manufactured and installed the **CDS** direct drive truckmount in more than 15,000 Chevy Vans since 1979. In doing so we have worked with the GM Upfitter Group – a liaison group that provides us with access to GM's engineering data. The GM Upfitter Group does not provide any sort of certification or approval for Special Vehicle Manufacturers like ourselves. Instead they provide Integration Best Practice Manuals for areas of the vehicle affected in our conversion process. Here is a link to the GM Upfitter website: <https://www.gmupfitter.com/pages/about-us>. We work with a similar group at Ford in relation to the Ford Transit and the **CDS xDRIVE**.



Q. Does Chevy and/or Ford approve the installation of a direct drive truckmount into their vehicles? Won't it void the van warranty? (Continued)

A. In reference to potentially affecting your warranty protection on the van, the manufacturer's policies are clear: The installation of the after market modification needs to follow the upfitter guidelines. Their policy has always been that if the modification caused a GM component to fail they will not warranty the component. If the modification did not cause "x" component to fail it will be covered under warranty unless it is determined the failure was caused from lack of maintenance. Our fleet of 15,000 **CDS** units are serviced by dealerships nationwide. We work with one of the largest Chevy and Ford fleet dealers in the United States, and in many places, our distributors and/or end user customers purchase vans from dealerships of their own preference. GM and their dealer network have almost always dependably honored the GM warranty unless it is determined that a failure is the direct result of the special vehicle modification.

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Q. Does Chevy and/or Ford approve the installation of a direct drive truckmount into their vehicles? Won't it void the van warranty? (Continued)

A. In addition, provisions of the Magnuson-Moss Act protect our customers from arbitrary decisions made about their warranty that unfairly attribute the cause to aftermarket modifications. The Federal Trade Commission requires that a manufacturer or dealer be able to demonstrate that a failure is the direct result of the special vehicle modification before denying warranty coverage. Even if a particular failure is demonstrated to be caused by an aftermarket modification the warranty remains in effect for all other parts of the vehicle. Here is a link to the U.S. Federal Trade Commission Website discussion of the Magnusson – Moss Act. Pay particular attention to the point about after-market modifications: <https://www.consumer.ftc.gov/articles/0138-auto-warranties-routine-maintenance>.



What is the MAGNUSON
MOSS WARRANTY ACT
and How Does it
Impact You?



Q. Does Chevy and/or Ford approve the installation of a direct drive truckmount into their vehicles? Won't it void the van warranty? (Continued)

A. There is one other practical consideration to keep in mind here. This applies to your van even if you have a slide-in. It has been our experience that is almost always smoother when taking your van in for service or maintenance to work with a Ford or Chevy dealership that has a strong commercial fleet division. There are many smaller, consumer focused dealerships that when you take your vehicle in for a potential warranty service, if they see any modification at all – anything from an after market remote starter – to a box conversion – to a direct drive truckmount installation, their first reaction is that they really don't want to work on it at all. They throw out the modification as a potential “fly-in-the-ointment” when it comes to your warranty coverage. Everything is computer driven now. They need to plug into the SEIC system, and when they see after market things plugged into that also, they just occasionally are full of excuses. Mindfully, not all small or consumer based dealers are like this. Just keep in mind that ultimately, if a local Ford or Chevy dealer is not cooperating with you, there are always alternatives. Those with fleet divisions generally are easier to work with. As previously stated, GM and Ford and their dealer networks have almost always dependably honored the warranty unless it is determined that a failure is the direct result of the special vehicle modification.



Why are HydraMaster Direct-Drive Truckmounts the #1 Choice for Restoration Contractors



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Reliability

You need your Truckmount to be reliable and dependable. The last thing you need is for your machine to go down in the middle of a large restoration job where downtime is already working against the home or business owner.

HydraMaster Direct Drive truckmounts are designed and proven to be the most reliable truckmounts on the market.



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Ease of Operation and Training

Direct Drive Truckmounts are the easiest truckmount to operate so your training curve is greatly reduced and you can have *newly hired technicians being productive in the field faster.*



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Security and Noise Reduction

With the CDS or CDS xDRIVE, you can close the doors on your vehicle while running the equipment. You won't be upsetting any neighbors and the police because when you close the doors of your van, you won't be much louder than an idling van. Plus, with your vehicle totally locked up, ***you can operate securely knowing no one is pilfering around in your vehicle while your technicians are extracting water in a building***



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More Room

- Space is so important on a restoration work truck. You have to have room to haul all of your restoration gear. ***The more gear you can fit in your vehicle, the more you can put on the job. And that means revenue.***
- With an extended Chevy van you have 170 cubic feet of space for what every equipment you need for that restoration job.
- With a mid or high roof Ford Transit you have even more room – plus you can stand up in the van!
- The CDS and CDS xDRIVE have the ***smallest footprints of any truckmounts in the industry*** and will leave you with the most room of any truckmount on the market.



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Versatility

Versatility in cleaning AND extraction – your truckmount is a beast when it comes to all of the cleaning challenges you may face on a restoration job: ***carpet & upholstery cleaning; hard surface floor cleaning; sidewalk, porch and entry way cleaning; water extraction; and pressure washing.*** Both the CDS and the CDS xDRIVE handle all of these challenges and more with no problems.



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Sanitization

- You work so hard to sanitize surfaces that have been affected by water intrusion with disinfectants. Have you ever considered the incredibly important ***sanitizing effects of hot water from your truckmount?***
- Indoor air quality tests performed on behalf of the EPA in the 1990's showed a ***massive reduction in biological contamination in carpeting simply from being cleaned with a truckmount.*** Add to that fact the recent tests in 2014 that showed a ***reduction in allergens and mold spores in carpeting when cleaned with a truckmount.***
- Maintaining consistently hot cleaning solution across a textile or hard surface improves the healthfulness of an already compromised indoor environment.



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Productivity

Extracting or cleaning a hard or soft surface does require labor to do the job. A truckmount allows you to do it faster and better. *A truckmount with maximum vacuum and heat that consistently runs at its highest level like the CDS or CDS xDRIVE makes you even more productive.*



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Protects the Contents of Your Van from the Elements

Have you noticed that weather does not necessarily cooperate with you needing to extract water on a job site? Or clean up the mess? Rain, snow, wind, hail, sleet, and even extreme cold are not match for your CDS or CDS xDRIVE truckmount. Why? You can close up your van and operate with the doors closed. ***You don't have to worry about the contents of your van getting wet, dirty, or being frozen. They are all snug and protected inside your warm running vehicle.***



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Nothing beats the performance of a Direct Drive truckmount from HydraMaster on a restoration job site. With the extraction performance you get from a Truckmount you will be able to ***extract all water possible, do it in a timely and efficient manner and be able to place your drying equipment faster*** and move onto the next job quicker.



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**Gearhead? Performance Freak? Dual wand beast?
Want everything the biggest and baddest?**



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You are not compromising anything when you invest in a HydraMaster Direct Drive Truckmount

Whether your focus is simply on wanting to have the highest level of performance and power; or you are driven by an intense dedication to desired cleaning job outcomes (cleaner carpet, maximum appearance improvement, and faster drying times); you may feel like your next truckmount investment needs to be focused on the biggest and baddest truckmount out there. You may have even heard or been told a HydraMaster Direct Drive Truckmount can't match the performance of some 50+HP powered large slide-in truckmount. If you can take the emotional attachment out of it, when you do a quick fact check, or even better, actually use a direct drive truckmount, you will find out that they deliver everything you are demanding, and then some.



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Let's look at some of the most commonly brought up ideas about max performance from a truckmount:

Horsepower

Um this one is kind of a no-brainer. The HydraMaster CDS and CDS xDRIVE get their power from a 200+HP water cooled engine. But it is not just about engine size. It is about the efficient transfer of power to the other components of a truckmount at the lowest consumption of gas. A HydraMaster Direct Drive truckmount powers up to a 4.8 positive displacement vacuum blower and all of the other components, and only consumes between 1.3 and 1.7 gph of gas.



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Let's look at some of the most commonly brought up ideas about max performance from a truckmount:

Vacuum

Instead of focusing on the randomly assigned number scheme on the vacuum blower, consider that you are trying to be able to maintain vacuum performance even as your vacuum hose runs extend beyond the traditional 150-200' "pull" of an average residential home. It's all about extraction efficiency and reduced drying time – whether you are cleaning a 1200 square foot house, a multi-level apartment building, or a 250,000 square foot convention center. The most important person to satisfy with your vacuum power is your customer. If the carpet dries faster, they are happy. Vacuum performance tables tell the story that gearheads often want to ignore – there is very little more usable vacuum performance out of a so called #5 blower than the high performance vacuum blower system in the CDS xDRIVE. So stretch out those long hose runs of 400' feet or more. In fact, we will stack the vacuum performance of the CDS and CDS xDRIVE right up against those big bad slide ins that cost more than \$35,000.



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Let's look at some of the most commonly brought up ideas about max performance from a truckmount:

Heat

This is another easy one. A direct drive truckmount gets its heat source from the same things as the “biggest, baddest” truckmount – the engine, the blower exhaust, and collected ambient hot air. With the HydraMaster CDS xDRIVE, you even have the additional source of cooling the controller. A direct drive truckmount transfers the engine heat of a 200HP+ engine versus a 30-60HP water cooled engine of the biggest and baddest slide-ins. In the end, you are producing 200-245 F solution temperatures to the cleaning job. HydraMaster CDS xDRIVE owners who have operated larger slide-in models tell us that their xDRIVE gets a higher level of consistent heat.



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Let's look at some of the most commonly brought up ideas about max performance from a truckmount:

Dual wand cleaning

Let's address this from a practical and a theoretical standpoint. First, dual wand cleaning is no problem with the HydraMaster CDS and CDS xDRIVE. In fact they have always been plumbed for both solution temperature and vacuum recovery to be fully ready to efficiently dual wand clean. Side by side, you will see they maintain just as high of a temperature and vacuum CFM under a dual wand load as the biggest slide-ins. But let's just say you are one of those performance freaks who want triple wand capacity. The first question I would ask is how often do you anticipate having the need for triple wand cleaning? Perhaps a few times per year? Multiple wands cleaning is just as much about how you set the job site up, and how your technicians work together as it is about the capacity of your truckmount. Doesn't matter how big of a blower you have if one of your technicians is taking a break and has the wand leaning up against the wall.



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Let's look at some of the most commonly brought up ideas about max performance from a truckmount:

Dual wand cleaning

So if you only need triple wand cleaning a few times a year, you have a couple of choices:

- You can invest \$35,000 to \$40,000 in a slide-in truckmount that you are going to use to its full capacity less than 5% of the time. This means that 95% of the time, you are spending more on gas and consumption than you really need to. Plus during those 95% of jobs, your total equipment investment can only be used on one job site.
- For about the same amount of money as one of those big, bad truckmounts, you can buy a HydraMaster CDS Direct Drive truckmount and a Boxxer 318 Slide-in. If you need three wands on a few jobs you've got it. Plus you can book two jobs instead of one the rest of the time



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Let's look at some of the most commonly brought up ideas about max performance from a truckmount:

Pressure washing capabilities

This is really a matter of how much solution pressure you need. The 1200 psi produced by your HydraMaster Direct Drive Truckmount, along with the heating system, will allow you to adequately do most pressure washing jobs. Most of the big, bad truckmounts come with a 2000 or 3000 psi solution pressure capacity. If you have never pressure washed with 3000 psi, you need to be careful. That level of focused stream can sometimes cause damage to wood, floor and wall grout, and more. Once again, how many jobs would you need 3000 psi on? If you have a whole bunch of jobs requiring 3000psi, why not just invest in a \$3000 – \$4000 Hot water pressure washer?



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Let's look at some of the most commonly brought up ideas about max performance from a truckmount:

You are not compromising

So as you can see a HydraMaster Direct Drive Truckmount provides to you all the power and performance you are demanding, and then some. Ready to open your gear filled mind to the possibility that a Direct Drive truckmount delivers everything you need? We promise to let you be your gearhead self with your new HydraMaster CDS or CDS xDRIVE.



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NEW!



3 YEAR
WARRANTY



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- **INSTALLED IN A FORD TRANSIT** – the ideal state-of-the-art work vehicle for the cleaning and restoration professional
- **XDRIVE XCELERATED DRIVE SYSTEM** – providing the most precise, consistent power delivery control of any truckmount made for better cleaning performance
- **PATENT PENDING DESIGN AND ENGINEERING** – True innovation in an electric energy delivery system for a Direct Drive Truckmount
- **SOFT START-SOFT SHUTDOWN SYSTEM** – Smoother operation and less stress on all major components
- **ARM'S LENGTH ACCESS AND SERVICEABILITY, CONSTRUCTED FOR EASE OF INSTALLATION** - No more tensioning v-belts and lining up drive shafts and couplers
- **BOOST SETTING** for those especially challenging cleaning jobs



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Controller

Motor

Generator



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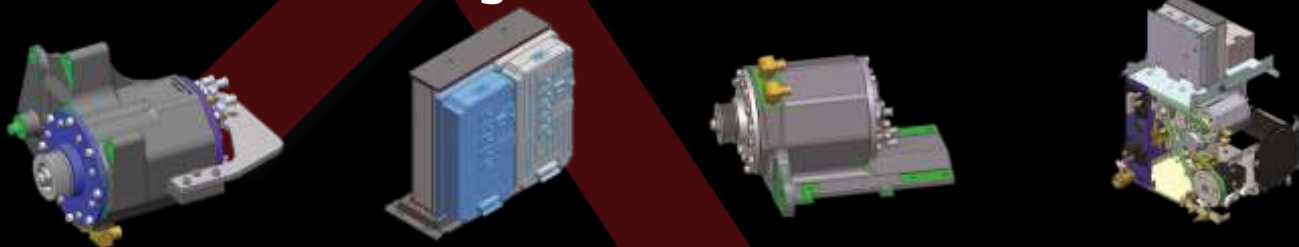
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The Next Generation of Direct Drive Truckmounts

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ACCELERATED DRIVE SYSTEM

How Does The CDSX DRIVE Power Delivery System Work?

- The CDS XDrive will revolutionize direct drive and pto truckmounts in the cleaning and restoration industry with computer programmed operational precision.
- The CDS XDRIVE uses the power and heating source already provided by the host vehicle engine.



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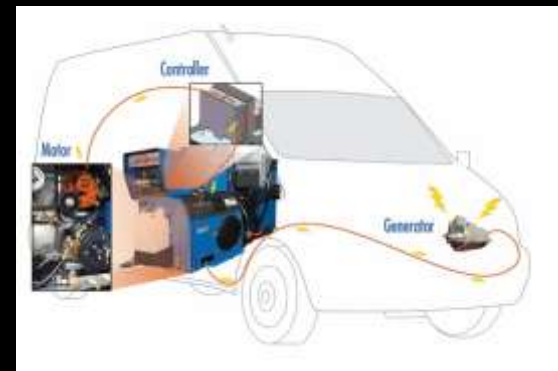
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The Next Generation of Direct Drive Truckmounts

CDS xDRIVE
XCCELERATED DRIVE SYSTEM

How Does The CDS xDRIVE Power Delivery System Work?

- The concept behind the revolutionary, game changing technology of the **CDS xDRIVE** lies in the **XCCELERATED** Drive System. The **XCCELERATED** Drive System is state-of-the-art technology that uses a specially designed and engine mounted generator to transfer energy to a computerized power monitoring controller. **This collected energy is delivered at precise pre-programmed consistent levels** to an electric motor. The electric motor powers a shaft and belt system delivering consistent **direct non-fluctuating energy to the vacuum blower and solution pump.**
- This patent pending design provides the **most consistent power delivery control to the vacuum blower and other major components of ANY truckmount** – slide-in or direct - **providing your customers with faster drying times and more consistent cleaning!**



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How Does The CDS xDRIVE Power Delivery System Work?

- This computerized system provides a higher level of consistent energy transfer than a drive shaft or power take off system, reducing the fluctuations in vacuum blower airflow production for a more consistent drying performance.
- Essentially, a drive shaft or power take off system has been replaced with precise, computerized electric energy delivering system. The wear and tear on the engine of the van is reduced.
- Power is no longer measured in RPM's and Horsepower. These measurements have been replaced with wattage generation. The CDS xDRIVE produces a maximum power flow of 18 Kw.

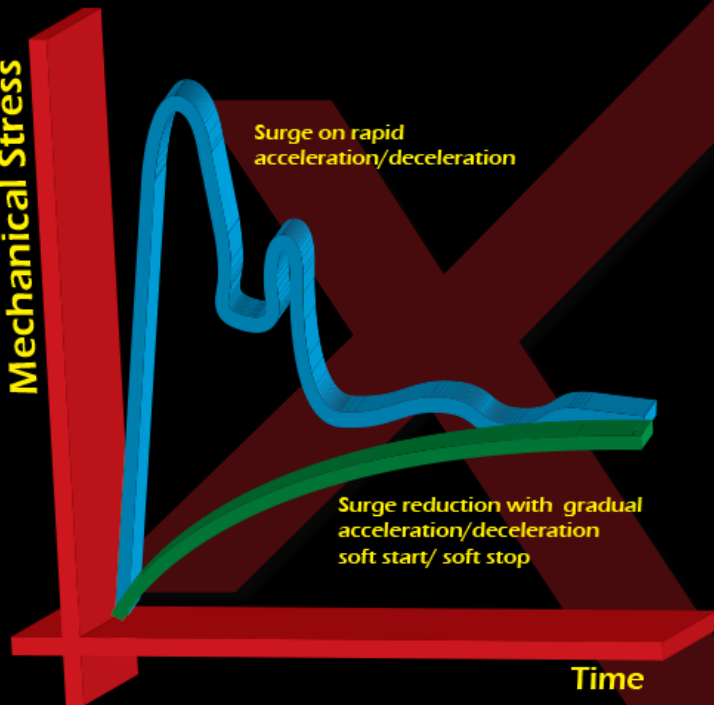


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The Next Generation of Direct Drive Truckmounts

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Mechanical Stress



Soft Start – Soft Shutdown System for smoother operation

- This computerized power system provides a soft start to ramp up rpm's to the vacuum blower and a soft shutdown to ramp down rpm's. This smoother delivery extends the life of the vacuum blower and puts less stress on all major components



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Provides you with a BOOST setting for those especially challenging cleaning jobs

- The proprietary **BOOST setting** is the first of its kind for a direct-drive truckmount. It allows your truckmount to **maximize blower speed to optimize system performance**. If you need more vacuum cfm, more vacuum lift, and maximum cleaning solution temperature, the BOOST setting is ready for you!
- The **precision controller automatically safeguards against overheating and maintains reliable operating conditions under extreme conditions**. You don't have to worry about anything other than cleaning those trashed carpets or hard surface floors or extracting those big floods.



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The Next Generation of Direct Drive Truckmounts

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Constructed for ease of installation

- All components, including heat exchanger and noise suppression silencer, are built into the drop in console connected to waste tank, maximizing cargo space
- Front end power generation unit mounts on existing alternator mount and requires no permanent modification to vehicle



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"Arms - Length" Access and Serviceability

- Automatic belt tensioner allows easy belt changes and alignment
- Improved access to blower, solution pump, and filters
- Eliminated drive shaft and pillow blocks (as compared to conventional direct drive units) reduces need for associated lubrication and maintenance

Gone are the days of tensioning v-belts, lining up drive shafts, replacing couplers. With the xDrive system maintenance is reduced to nothing more than regular oil changes.



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The Next Generation of Direct Drive Truckmounts



How Does the CDS XDrive Heating System Work

The CDS XDRIVE employs a multi-stage thermal accumulation and heat exchanger system to create a consistent hot cleaning solution temperature that maximizes at 235 degrees Fahrenheit and can consistently maintain 180-210 degree temperatures at a constant solution flow of 1.25 gpm. The first heat exchanger system employs a fin tube heat exchanger that transfers the hot solution generated by the host vehicle engine. The second stage of the system captures the direct heat being generated by the vacuum blower.



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The Next Generation of Direct Drive Truckmounts

CDS xDRIVE
ACCELERATED DRIVE SYSTEM

Durable TriFlow Gardner Denver 4008 Tri-Lobe blower

- Delivers superior cfm production reducing drying times and increasing water extraction capability.
- Dual oil bath splash lubrication design with sight level windows for reduced maintenance intervals and superior durability.
- Patented Tri-Lobe design for quiet operation and low pulsation
- Independent oil sumps prevent cross-contamination and allow the vacuum pump to operate safely on an incline
- Produces vacuum at 13" Hg and flows up to 455 CFM.



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The Next Generation of Direct Drive Truckmounts

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General Emperor HTXS Series High Performance Solution Pump

- 4.0gpm solution pump with smoother operating 3-stage plunger design
- Operator adjustable pressure from 0 to 1200 psi
- Last step chemical pulse pump/chemical injection means no chemicals pass through the water pump or heat exchangers
- Electric clutch controlled for smooth solution delivery
- Uses patented “high-tech” packings for increased reliability and longevity along with nickel plated valve plugs and manifold
- Specifically designed for the rigorous on-off flow cycles and higher ambient temperatures on a truckmount



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Specifications/Performance Ratings

	CFM		Vacuum		Solution Temperature		Solution Pressure*	Fuel Consumption	Kilowatts		Wands
	Max	Average	Max	Average	Max	Average			Max	Average	
BOOST	456	369	14" Hg	12" Hg	240°F	210-220°F	0 to 1,200 PSI	1.95 GPH ↑ ↓ 1.48 GPH	14.5	12.7	Dual
HIGH	424	337	14" Hg	12" Hg	240°F	210-220°F			13.4	11.9	Dual
MID	392	305	14" Hg	12" Hg	230°F	210-220°F			12.6	11.1	Single
ECONOMY FUEL SAVER	360	286	14" Hg	10" Hg	220°F	200-220°F			11.6	9.1	Single

*Economy setting not recommended for hard surface cleaning

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Engineered for Performance - Adopts time tested, proven technology from the CDS 4.8 Overdrive with Salsa for superior reliability, longevity, and heat performance

Advantages of a Direct Drive Truckmount

- Safe and secure quieter operation. Ability to close doors during operation. Protects internal contents from weather exposure. Quiet operation allows for nighttime commercial cleaning and restoration work.

Smallest footprint in the industry. Compact, space saving design allows for flexibility in van set up. Perfect for hauling restoration equipment (airmovers, dehumidifiers, directed heat), power wands, RX20 NEXTGEN rotary jet extraction wand, EVOLUTION RX12 rotary hard surface tools, chemical solutions, upholstery tools, hauling rugs and furniture and more



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The Next Generation of Direct Drive Truckmounts



Advantages of a Direct Drive Truckmount

- Lower maintenance and ease of serviceability reduces costs and downtime .
- Simple to operate and easy to train technicians make Direct Drives the perfect choice for fleet operations and less mechanically inclined owner/operators
- Even weight distribution reduces wear on van (less tires, shocks, brakes due to less weight and centrality of weight)
- Excellent warranty coverage with superior customer support and service through national distribution network and corporate customer care team



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The Next Generation of Direct Drive Truckmounts

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ACCELERATED DRIVE SYSTEM

Advantages of a Direct Drive Truckmount

- **Value** – maximum return on investment and highest re-sale values in the industry
- **Flexible and powerful performance allows for many uses.** A perfect cleaning machine and ideal for flood and water damage restoration work, pressure washing, hard surface cleaning and more.
- **HydraMaster longevity and reputation.** We will be here for years to come to support you.



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3.7L TI-VCT V6

Responsive standard V6 performance.

- Responsive performance: 275 horsepower; 260 lb.-ft. of torque
- Twin independent variable cam timing (TI-VCT) technology for performance across the entire power band
- Prep Package available for conversion to compressed natural gas (CNG) or propane autogas

Vehicle will be equipped with the standard factory gasoline fuel system. This package does not include compressed natural gas/propane fuel tanks and lines, etc. See your dealer for details.



An efficient platform for the modern Transit design.

- Lightweight unibody construction
- Front, rear and side rails welded with the floor pan, crossmembers and torque boxes forming a single body
- Built with high-strength steel as well as boron steel in select areas

2019 FORD TRANSIT CARGO VAN



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• SMOKE & WATER CLEAN UP

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CDS xDRIVE

XCELERATED DRIVE SYSTEM

ISSA[®]

INNOVATION
AWARD



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CDS xDRIVE

XCELERATED DRIVE SYSTEM

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CDS xDRIVE

XCELERATED DRIVE SYSTEM

We feel honored to be part of something as great as the HydraMaster CDS xDRIVE!

The X-Drive has served us faithfully and powerfully. We really like the entire setup and all the engineering that you all have put into it.

Here are some photos of our van. We had the van insulated with spray foam and the walls covered in 1/2" plywood. Don't miss the "rainbow" cutout allowing for the recovery tank lid to open!



Jordan Flory
Clean and Restore



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CDS xDRIVE

ACCELERATED DRIVE SYSTEM

We have now operated our CDS xDrive for about 300 system hours, and I must say we are thrilled with the truck mount. Its quiet, its efficient, and incredibly powerful. In fact since switching from our previous Butler System, the cost savings from maintenance and fuel (40% decrease!) alone is paying for this van right now. We will be buying another one this year, and expect to continue to add more of these systems to our fleet. Thank you HydraMaster for turning us on to this new technology.

Chris Wheeler



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IGNITION SWITCH



TEMPERATURE GAUGE



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TITAN TOUGH



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TITAN TOUGH

**“Tough as Nails” TITAN quality
with a sleek new design**



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TITAN TOUGH

**More intuitive and easier to use
panel directions and graphics make
it easier to train new technicians
and easier to maintain**



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TITAN TOUGH

Enhanced appearance makes an impression on your professionalism to your cleaning or restoration customer



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TITAN TOUGH

**Truckmounts that match your
perseverance at delivering
optimum performance to your
customers**



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TITAN TOUGH

**Legendary performance and
reliability from the innovation
leader since 1971**



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TITAN TOUGH

TITAN 425



TITAN 575



TITAN 325



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- More intuitive to use panel and directions makes it easier to train new techs and easier to maintain
- Refreshed appearance makes a professional impression to your cleaning and restoration customers
- Machines that match your perseverance in delivering optimum performance

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Relentless



Dual wand workhorse

TITAN 575

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Relentless



TITAN 575

Performance in the most challenging environments

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Key Features

- ✓ **Liquid Cooled Kubota 32.5HP Engine** - Delivers Maximum Power and Reliable Longevity.
- ✓ **Uncompromising Cleaning Solution Temperature** - Best in class performance — single wand, dual wand, or hard surface cleaning. Unwavering heat from 230°-250° F.
- ✓ **Vacuum and Water Extraction Recovery** - 400+ CFM for Faster Drying, Faster Restoration!
- ✓ **Dual Wand Capable** - plumbed and prepared for you to double your productivity when you need to!
- ✓ **Patented Heat Control System**, ADC Control Diverter manages heat for more consistent temperature delivery and virtually eliminates dumping fresh water during cleaning and water extraction.
- ✓ **Quieter Performance** - Opti Air Flow System and dual oil bath helical gear tri-lobe blower reduces noise resulting in the quietest machine in its class.
- ✓ **Simplified Maintenance** - "Arms Length" design and removable magnetic panels allow for easy access to crucial components and serviceable parts.



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When it comes to cleaning solution temperature, there are a lot of empty promises made with truckmounts. The **TITAN 575** from HydraMaster deliver uncompromising, unwavering hot cleaning solution temperature even under the most demanding conditions.



TITAN 575



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In fact, field testing clearly demonstrates that the **TITAN 575** consistently produced 20-30°F degree higher temperatures under carpet and hard surface cleaning solution flow demand than comparable leading brand heat exchange truckmounts. If you want the hottest truckmount, the **TITAN 575** is for you.

TITAN 575



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The **TITAN 575** is a **TITAN** amongst truckmounts, allowing you to run two wands so you can take on those big cleaning jobs with confidence and get the job done twice as fast. Incorporating HydraMaster's industry exclusive true water conservation system, it can be inactive under a full vacuum load for as long as 40 minutes without wasting fresh water.



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That means you can move furniture or apply prespray without running to shut off your machine, and your fresh water and recovery tanks need to be filled and emptied less often. Your hot water is used on the job, not dumped into the recovery tank, saving precious fuel each and every day. The **TITAN 575** was designed for reliability and serviceability; removable magnetic panels make maintenance a cinch. For EXTREME performance in a compact and reliable package, the **TITAN 575** has got your back.

TITAN 575



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"I purchased a TITAN 575 about 2 months ago. I wish i had known about the capabilities of the 575 a long time ago. This machine is amazing! With my Prochem® Peak® I would spend 20 minutes warming it up. Not anymore! The heat on the TITAN 575 is incredible. I have drying times as little as 1 hour and I can clean all day on my 100 gallon tank. I just had to let you know because there are a lot of carpet cleaners that don't know just how advanced HydraMaster truckmounts have become. Thank you!"

John Rogers



TITAN
575 **HydraMaster**
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Specifications:

Engine: Kubota 32.5HP Liquid Cooled Engine

- Fuel efficient – 1.7 gph at 300psi
- Keyless electronic ignition
- Exceptionally rigid cast iron block
- 3 cylinder OHV design

Solution Pump: Plunger pump with 2000 operating psi

- General HTX-1813 4.0 gpm solution pump
- 1200 psi heated pressure

Vacuum: 4007 Dominator Tri-Lobe Blower, 400+ CFM

- Direct coupler driven
- HydraMaster exclusive design
- Dual oil bath design with sight level windows
- Durable helical gear drive

Heating System: Full Divert Tube and finned tube Heat Exchanger

- Automatic Diverter Control (ADC) temperature control
- Attains 265°F temperature (200-210°F continuous flow at 1.25GPM)
- Patented design and function: U.S. Patent No. 8,032,976

Dimensions: - 39"H x 26"W x 45"D

Wand Capability: Dual wand, full performance

Weight: 900lbs (console weight)

Chemical System:

- Last-step chemical injection,
- Meter controlled

Applications:

- Residential, Large Commercial Carpet Cleaning
- Pressure Washing with full waste recovery capabilities
- Upholstery Cleaning
- Stone, Tile and Grout Cleaning
- Hard surface high pressure cleaning



Invest in your unlimited future

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Relentless...

- Dual Wand Workhorse
- Performance in the most challenging environments

Key Features

- **Liquid Cooled Kubota 32.5HP Engine** - Delivers Maximum Power and Reliable Longevity.
- **Uncompromising Cleaning Solution Temperature** - Best in class performance - single wand, dual wand, or hard surface cleaning. Unwavering heat from 230° - 250° F.
- **Vacuum and Water Extraction Recovery** - 400+ CFM for Faster Drying, Faster Restoration!
- **Dual Wand Capable** - plumbed and prepared for you to double your productivity when you need to!
- **Patented Heat Control System**, ADC Control Overter manages heat for more consistent temperature delivery and virtually eliminates dumping fresh water during cleaning and water extraction.
- **Quieter Performance** - Opti Air Flow System and dual of both helical gear tri-lobe blower reduces noise resulting in the quietest machine in its class.
- **Simplified Maintenance** - "Arms Length" design and removable magnetic panels allow for easy access to crucial components and serviceable parts.

TITAN TOUGH



TITAN 575



Applications:

- Dual Wand Cleaning
- Residential and Commercial Carpet Cleaning
- Pressure Washing with full waste recovery capabilities
- Upholstery Cleaning
- Concrete, Stone, Tile and Grout Cleaning
- Water Extraction

What do we mean by TITAN TOUGH?

- "Tough as Nails" TITAN quality with a sleek new design
- More intuitive and easier to use panel directions and graphics make it easier to train new technicians and easier to maintain.
- Enhanced appearance makes an impression on your professionalism to your cleaning or restoration customer.
- Truckmounts that match your perseverance at delivering optimum performance to your customers.
- Legendary performance and reliability from the innovation leader since 1971.



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TITAN 575

**Uncompromising Performance,
Incredible Cleaning Temperatures,
Maximize your Investment!**



Standard Equipment

- Runtime hour meter
- Chemical flow meter (3-12 GPH)
- Chemical flow control valve
- 5 gallon chemical jug
- Vacuum gauge (0-37" Hg)
- Solution pressure gauge (0-1,500 PSI)
- Solution pressure adjustment
- Pre-wash pump-in switch
- Pre-wash A/R/G Switch
- Fresh water inlet
- Water system drain valve
- Stainless steel carpet cleaning wand
- Diverter valve with ADC heat control
- Diverter/blatch passage for food work
- Electrical circuit protection
- Pump clutch switch
- Solution temperature control selector
- Two solution outlets
- Solution Hose Length: 100 ft x 1/4"
- Vacuum Hose Length: 100 ft x 2"
- Wand Whip Line: 10 ft x 1-1/2"
- 90 ft water supply line
- Recovery Tank: 70 gallon MaxxAir™
- Van installation kit
- Operation & maintenance manual
- Embroidered HydraMaster jacket

Optional Accessories

- 100 Gallon Max-Air Recovery Tank Upgrade
- AWCS - Automatic Wastewater Disposal System
- RORO NEXTGEN Rotary Jet Extraction Wand
- DrMaster 3 Upholstery Tool
- EVOLUTION 2" Wand
- EVOLUTION Star Wand
- EVOLUTION Flood Extraction Wand
- EVOLUTION GUIDED Upholstery Tool
- EVOLUTION R112 Rotary Hard Surface Wand
- 70 Gallon Subcompact Freshwater Tank
- Through Floor Exhaust Kit
- HydroCrack Freshwater Tank/Hot Floor Combo
- 200-300 Capacity Hose Reels manual and electric
- 2000PSI unheated pressure washing kit



Kubota® 32.5 HP Liquid Cooled Engine

- Fuelless electronic ignition
- Exceptionally rigid cast-iron block
- 3 cylinder OHV design
- Fuel-injection technology, 1.1 GPH at 300 PSI
- 3-year manufacturer's warranty
- Operating at 3000 RPM

4087 Dominator™ Tri-Lobe Blower

- Hydraulic motor exclusive design
- Dual oil bath design with sight level windows
- Durable helical gear drive
- 400 CFM



General HTX-1813 High Pressure Pump

- 40 GPM volume
- 1,200 PSI heated pressure

Multi-Stage Thermal Capture and Heat Exchange System with MAX-TEMP Control provides unwavering cleaning solution temperature (230-250°F) and unprecedented control!

Tapline and Hower exhaust fan and tube heat exchanger

- ADC (Automatic Diverter Valve Control) to bypass heat exchanger virtually eliminates dumping fresh water during cleaning or water extraction
- Easy to access and remove cover for easy cleaning and maintenance



Tapline coolant tubes and shell heat exchanger for extra temperature boost!

- Boost that no air cooled engine heat exchanger can match
- MAX-TEMP heat selector control allows the exchanger to be bypassed when you want to reduce heating operations for delicate upholstery or out-of-pocket



Machine Specifications

- Dimensions: 26" W x 37" H x 45" D
- Weight: 900 lbs
- Chemical System: hot-ship chemical injection, meter controlled
- Wand Capacity: Dual



HydraMaster warranty service is rated #1 by distributor mechanics

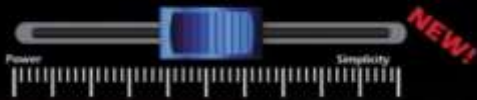


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A ferocious appetite for clean & dry



The perfect balance of
power and simplicity

TITAN 425



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A ferocious appetite for clean & dry

Key Features

- ✓ **More Power**
23 HP Air Cooled Engine - Briggs & Stratton® Vanguard™ Air Cooled Engine.
- ✓ **Quieter Performance**
Opti-Air® Flow System - Reduces noise resulting in the quietest machine in its class.
- ✓ **Patented Heat Control System** - ADC Control Diverter valve manages heat for more consistent temperature delivery and far less water dumping.
- ✓ **Compact Footprint** - Maximizes the van space more efficiently creating greater cubic feet for your gear.
- ✓ **Simpler Maintenance** - "Arms-length" design and removable panels allow easy access to crucial components and serviceable parts, including the heat exchanger.
- ✓ **Stronger Vacuum** - Helical gear splash lube tri-lobe blower produces 350+ CFM resulting in faster drying carpet and floors.



More horsepower, more heat

TITAN 425



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TITAN 425 vs The Competition

- It has all the power and performance you need without overkill. The 23HP Briggs & Stratton Vanguard Engine provides you with more horsepower than most machines in its class – 12% more power which will allow your machine to operate better at elevated conditions and under maximum load conditions. This also extends the life of the engine.
- Control is a key also – the TITAN 425 allows you to choose the exact cleaning solution temperature you want rather than just a pre-determined setting.
- Simplicity reigns supreme, starting with the fact that the proven coupling system open configuration allows for excellent air circulation, while the competition's belt driven system requires a belt cooling fan, adding one more layer of complexity.



Better heat control, less dumping

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TITAN 425 vs The Competition



- The TITAN 425 is equipped with a water box drain valve which makes the machine easier to freeze guard, descale and service. With the competition's machine the water box has to be drained by running the machine.
- Plus because the TITAN 425 is 150# lighter than the competition, you will get improved gas mileage from your van and less wear on vehicle components.
- The TITAN 425 is easier to maintain too. It is designed around the HydraMaster "Arms-Length" philosophy of accessibility.



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TITAN 425 vs The Competition

- The TITAN 425 blower drive system can be easily serviced in less than an hour with easily accessibility to the drive system. Blower oil drain hoses make changing your blower oil easier to do, and with less mess. The competition uses plugs that are hard to get to. Magnetic panels allow for quick and easy access to all components.
- The patented heat control system with the ADC Control Diverter manages heat for more consistent temperature delivery and far less water dumping. In fact, in comparison testing, the Boxxer 423S maintains a 5 -10° Fahrenheit temperature advantage versus the competition in a continuous flow mode for hard surface cleaning and pressure washing.
- The OptiAir Flow System reduces noise resulting in a quieter machine. The compact footprint maximizes the van space creating greater cubic feet for your gear and without being too “top-heavy” like some machines.
- Finally , the helical gear splash lube tri-lobe blower produces 350+ CFM resulting in faster drying carpets and floors and better water extraction.



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Easier, Quieter, and Ready for Your Greatest Cleaning Challenge

- The TITAN 425 has also reduced noise by optimizing airflow with the OPTI-AIR™ flow system through the entire machine which provides more consistent heat performance and makes the machine quieter in operation. You can clean everything from the filthiest carpet, to the most delicate upholstery fabric, to the grimeiest tile or concrete floor.
- The TITAN 425 heat control system automatically manages water heating – allowing less water dumping, and gives more consistent temperatures during intermittent wand use; e.g., moving furniture while cleaning. With heated solution of 1000psi, you are ready for just about any cleaning job. It's excellent for flood extraction too.



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Briggs and Stratton Vanguard Engine

- 23 HP Engine
- Dependable 2 Cylinder OHV Design
- Fuel-Efficient Technology
- External Oil Cooler
- Keyed ignition
- Engine choke and throttle
- 1.1 gph fuel consumption

MD Pneumatics Competitor 4005 Tri-Lobe Blower

- HydraMaster Exclusive Design
- Pulsation and Sound Reduced
- No Grease Fittings, Oil bath at both ends
- Helical Gear Drive
- Oil Level Sight Windows



Multi-Stage Heat Exchangers

- Advanced Heat-Exchanger System
- 240° Maximum Temperature, 160° to 235° Operating Range
- Stainless steel coil Engine Exhaust Exchanger
- Divert tube and fin Blower Exhaust Exchanger

Comet Pressure Pump

- 3.5 gpm plunger solution pump
- Operating Pressure, 0 to 1,000 PSI
- Electric Clutch

Dimensions: - 24"W x 32"H x 36"D

Wand Capability: Single

Weight: 563 lbs. (Console weight)

TITAN 425

Chemical System: Last-step chemical injection, meter controlled

Applications:

- Residential, Commercial Carpet Cleaning
- Pressure Washing with full waste recovery capabilities
- Upholstery Cleaning
- Concrete, stone, Tile and Grout Cleaning
- Hard surface high pressure cleaning
- Water extraction



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A Ferocious Appetite for Clean and Dry

More horsepower, more heat
Better heat control, less dumping

Key Features

- More Power**
23 HP Air Cooled Engine - Briggs & Stratton®
Vanguard™ Air Cooled Engine.
- Quieter Performance**
Opti-Air® Flow System - Reduces noise resulting in the quietest machine in its class.
- Patented Heat Control System** - ADC Control Diverter valve manages heat for more consistent temperature delivery and far less water dumping.
- Compact Footprint** - Maximizes the van space more efficiently creating greater cubic feet for your gear.
- Simpler Maintenance** - "Arms-length" design and removable panels allow easy access to crucial components and serviceable parts, including the heat exchanger.
- Stronger Vacuum** - Helical gear splash tube tri-lobe blower produces 350+ CFM resulting in faster drying carpet and floors.

TITAN TOUGH



TITAN 425

Applications:

- Residential and Commercial Carpet Cleaning
- Pressure Washing with full waste recovery capabilities
- Upholstery Cleaning
- Concrete, Stone, Tile and Grout Cleaning
- Water extraction

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- Enhanced appearance makes an impression on your professionalism to your cleaning or restoration customer.
- Truckmounts that match your perseverance at delivering optimum performance to your customers.
- Legendary performance and reliability from the innovation leader since 1971.



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TITAN 425

Easier, Quieter, and Ready for Your Greatest Cleaning Challenge



Standard Equipment

- Runtime hour meter
- Chemical flow meter (8-10 GPH)
- Chemical flow control valve
- 5 gallon chemical jug
- Vacuum gauge (0-30" Hg)
- Solution pressure gauge (0-1,000 PSI)
- Solution pressure adjustment
- Pre-wired pump-in switch
- Pre-wired APO Switch
- Fresh water inlet
- Water system drain valve
- Stainless steel carpet cleaning wand
- Diverter valve (with ADC heat control)
- Diverter/clutch package for food work
- Electrical circuit protection
- Pump clutch switch
- Solution temperature control selector
- Two solution outlets
- Solution-Hose Length: 100 ft x 1 1/2"
- Vacuum-Hose Length: 100 ft x 2"
- Wand Whip Lash: 10 ft x 1-1/2"
- 50 ft water supply line
- Recovery Tank: 70 gallon MaxAir™
- Battery box
- Wet mat/drain kit
- Operation & maintenance manual
- Embroidered HydraMaster jacket

Optional Accessories

- 100 Gallon Max-Air Recovery Tank Upgrade
- ANOS - Automatic Wastewater Disposal System
- RIGID NEXTGEN Rotary Jet Extraction Wand
- Diverter 3 Upholstery Tool
- EVOLUTION 2" Wand
- EVOLUTION Star Wand
- EVOLUTION Flood Extraction Wand
- EVOLUTION GLIDED Upholstery Tool
- EVOLUTION RIGID Rotary Hard Surface Wand
- 70 Gallon Submersible Freshwater Tank
- Through Floor LinerKit
- HydraCastle Freshwater Tank/Hose Feed Center
- 300-300 Capacity Hose Reels manual and electric



Engine: 23 HP Briggs & Stratton® Vanguard™ Air Cooled

- 1.1 GPH Fuel Consumption
- Dependable 2 Cylinder OHV Design
- Fuel-Efficient Technology
- External Oil Cooler
- Operating at 3000 RPM
- Keel gullion
- Engine choke and Throttle
- Nationwide Serviceability - 3 year manufacturers warranty

Vacuum: 400S Dominator™ Tri-Lobe Blower, 350+ CFM

- Tuff 400S Tri-Lobe Blower
- HydraMaster Exclusive Design
- Direct Coupler Driven
- Pulsation and Sound Reduced
- No Grease Fitings
- Dust Oil Bath Design with Sight Level Windows
- Durable Helical Gear Drive



Solution Pump: Plunger pump with 1000 operating PSI

- General HTX-101S 4.0 GPM solution pump
- Electric clutch-control

Heating System: Thermal Capture and Heat Exchange System

- Over tube and fin heat exchanger system
- 240°F Maximum Temperature



Machine Specifications

- Dimensions: 24" W x 32" H x 36" D
- Weight: 500 lbs (package only)
- Chemical System: hot-ship-chemical injection, meter controlled
- Wand Capacity: Single



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Step up your game



**Affordable Value . . .
Radical Performance!**

TITAN 325



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Step up your game

Perfectly sized for companies who do residential and light commercial who also do water damage restoration! Finally, you don't have to put up with barely adequate performance to get an affordable entry-level machine. The **TITAN 325** takes the entry level truckmount to new heights. It's perfect for operators who want to **step up their game**.



**Affordable Value . . .
Radical Performance!**

TITAN 325



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Step up your game

Plus the new TITAN 325 is equipped with an expanded fin tubed heat exchange thermal accumulation system with **40% more heating capacity** than before. The TITAN 325 has been tested to be the **HOTTEST machine in its class**



**Affordable Value . . .
Radical Performance!**

TITAN 325

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Affordable Value . . . Radical Performance!

Key Features

- ✔ **Reliable, Fuel Efficient Power** – Briggs & Stratton Vanguard 18HP gas/petrol engine.
- ✔ **Space** – saving footprint for more cargo space to carry all of year other gear
- ✔ **Simple to operate and maintain** – Intuitive, easy to use panel directions and graphics make it easier to train new technicians and easier to maintain
- ✔ **40% more heating capacity** – expanded fin tubed heat exchange/thermal accumulation system produces the hottest cleaning solution of any machine in its class.
- ✔ **Powerful recovery** – Tuthill Competitor 3006 Vacuum Blower produces consistent, reliable vacuum with hardened precision helical gears
- ✔ **Hydra-Clutch equipped, Perfect for water extraction and water damage restoration** – The new HydraClutch™ pump clutch allows the solution pressure side of the machine to be turned off while performing flood and water extraction with your truckmount which reduces wear and protects components



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The HydraClutch™ pump clutch allows the solution pressure side of the machine to be turned off while performing flood and water extraction with your truckmount which reduces wear and protects components. The primary advantage is the machine does not require a water source to be connected to the machine to keep operating. With the pump turned off the machine will not add water to the recovery tank, as it no longer is required to pump high pressure water to maintain internal temperatures. This allows for an increased capacity in the recovery tank, maximizing your time in extracting water. This also enables the machine to be operated in any location as it is not necessary to be near a fresh water source.



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Best of all, you'll be investing in a truckmount with the reliability and proven track record that only comes with owning a HydraMaster.

Key Features:

- Space saving design – takes up less cubic feet in the van or trailer
- Compact, tested design – easy for new operators to learn how to achieve excellent results
- Hydra-Clutch Pump Clutch Standard
- Hard surface cleaning at 1,000 psi
- Easy Maintenance, high reliability
- Quieter operation



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Machine Specifications:

Briggs & Stratton®

Vanguard™ Engine:

- Fuel-efficient 18 HP engine
- Reliable 2 cylinder OHV design
- Keyed ignition
- Easy maintenance

Competitor® SL 3006 Blower

- Hardened, precision helical gears
- Double row ball bearings at gear end
- Precision machined ductile iron rotors
- Dual oil bath design with oil level sight windows

Comet High Pressure Pump:

- 3.5 gpm capacity
- Operating pressure, 0 to 1,000 psi
- Clean carpet and hard surfaces

- ❑ Dimensions: 24"W x 31"H x 36"D
- ❑ Weight: 570 lbs
- ❑ Ignition: Electric key start
- ❑ Hydra-Clutch Pump Clutch
- ❑ Chemical System: last-step chemical injection, meter controlled
- ❑ Heating System: **Expanded Finned tube heat exchanger /thermal accumulator** with copper tubes for max temperature up to 220°F (170-200°F at 1.25gpm water flow)
- ❑ Wand Capacity: Single
- ❑ Fuel Consumption: 1.0 gph
- ❑ Uses: Residential and Light Commercial



**Affordable Value .
Radical Performance!**

TITAN 325

HydraMaster
We've Got Your Back



Made in the USA

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Step up your game

Affordable Value . . . Radical Performance!

TITAN TOUGH

Perfectly sized for companies who do residential and light commercial who also do water damage restoration! Finally, you don't have to put up with barely adequate performance to get an affordable entry-level machine. The TITAN 325 has the entry level truckmount on new hydraulic lift perfect for operators who want to step up their game. Plus the new TITAN 325 is equipped with an expanded fin-tubed heat exchange thermal accumulation system with 40% more heating capacity than before. The TITAN 325 has been tested to be the HOTTEST machine in its class.



TITAN 325

Key Features

- Reliable, Fuel Efficient Power** – Briggs & Stratton Vanguard 18HP gas/petrol engine.
- Space** – saving footprint for more cargo space to carry all of your other gear.
- Simple to operate and maintain** – Intuitive, easy to use panel directions and graphics make it easier to train new technicians and easier to maintain.
- 40% more heating capacity** – expanded fin-tubed heat exchange/thermal accumulation system produces the hottest cleaning solution of any machine in its class.
- Powerful recovery** – Turbo-Competitor 3000 Vacuum Blower produces consistent, reliable vacuum with hardened precision helical gears.
- Hydra-Clutch equipped, Perfect for water extraction and water damage restoration** – The new HydraClutch™ pump clutch allows the solution pressure side of the machine to be turned off while performing flood and water extraction with your truckmount which reduces wear and protects components.



HydraMaster warranty service is rated #1 by distributor mechanics

About the Hydra-Clutch:

The primary advantage is the machine does not require a water source to be connected to the machine to keep operating. With the pump turned off the machine will not add water to the recovery tank, as it no longer is required to pump high pressure water to maintain internal temperatures. This allows for an increased capacity in the recovery tank, maximizing your time in extracting water. This also enables the machine to be operated in any location as it is not necessary to be near a fresh water source.

What do we mean by TITAN TOUGH?

- "Tough as Nails" TITAN quality with a sleek new design.
- More intuitive and easier to use panel directions and graphics make it easier to train new technicians and easier to maintain.
- Enhanced appearance makes an impression on your professionalism to your cleaning or restoration customer.
- Truckmounts that match your perseverance at delivering optimum performance to your customers.
- Legendary performance and reliability from the innovation leader since 1971.



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TITAN 325

Hotter, Easier, Quieter, and Ready for your greatest cleaning or restoration challenge



Standard Equipment

- Chemical flow meter (0-10 gph)
- Runtime hour meter
- Chemical flow control valve
- Vacuum gauge (0-30" Hg)
- Solution pressure gauge (0-2500 psi)
- Solution pressure adjustment
- Pre-wired pump-in switch
- Pre-wired for AWDS (Automatic Wastewater Disposal System)
- Fresh water fill
- Water system drain valve
- Solution Hose Length: 100 ft x 1/4"
- Vacuum Hose Length: 100 ft x 2"
- 1.5 Inch EVOLUTION Wand
- Engine choke
- Engine throttle
- Electrical circuit protection (resettable)
- Solution temperature control selector
- Stainless steel ball-clip chemical injection meter complete
- Hydra-Clutch Pump Clutch for water extraction
- 5 gallon chemical jug
- Battery box
- Van decal
- Van installation kit
- Operation and maintenance manual (CO)
- 70 gallon MacoAir™ recovery tank includes stainless steel filter and filter basket, 36 1/2" L x 10 1/2" W x 31" H, 100 lbs (100 gallon recovery tank optional)

Optional Accessories

- 100 Gallon Maco-Air Recovery Tank Upgrade
- AWDS – Automatic Wastewater Disposal System
- H430 NEXTGEN Rotary Jet Extraction Wand
- DrMaster 3 Upholstery Tool
- EVOLUTION 8" Wand
- EVOLUTION 8" Bar Wand
- EVOLUTION Floor Extraction Wand
- EVOLUTION SLIDED Upholstery Tool
- EVOLUTION RX12 Rotary Hair Surface Wand
- 70 Gallon Submersed Freshwater Tank
- Through Floor Exhaust Kit
- HydraClutch Freshwater Tank Hose Reel Combo
- 200-300 Capacity Hose Reel manual and electric



Engine: Briggs & Stratton® Air Cooled

- Fuel-efficient 18 HP Briggs & Stratton™ V-Twin Vanguard™ industrial series engine
- Reliable 2 cylinder OHV design
- Electric key start, 1.0 gph fuel consumption

Vacuum: Competitor® SL 3000 Blower

- Low vibration, pulsation and sound reduced
- Hardened, precision helical gears
- Double row ball bearings at gear end
- Precision machined ductile iron rotors
- Dual oil bath design with oil level sight windows



Consol High Pressure Pump

- 3.5 gpm capacity
- Operating pressure, 0 to 1,000 heated psi, with HydraClutch™ pump clutch for water extraction
- Clean carpet and hard surfaces

Heating: Thermal Capture and Heat Exchange System

- Direct tube and fin heat exchanger system
- 240°F Maximum Temperature (170-200°F at 1.25gpm water flow)



Machine Specifications

- Wand Capacity: Single
- Uses: Residential and Light Commercial/ Water extraction
- Dimensions: 24" W x 31 1/2" H x 36" D
- Weight: 550 lbs



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TITAN™ H₂O

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Purpose Built for Restoration and Flood Work

Purpose built to extract water, the TITAN H2O is a specialist in its field. HydraMaster has designed this machine exclusively for the water and fire damage restoration contractor. It has everything you need to remove water in a hurry, but it's 75% easier to operate than a traditional truckmount and requires 50% less maintenance.



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Purpose Built for Restoration and Flood Work

The TITAN H2O has the power you need for major flood work and water removal in a hurry. With a liquid cooled, 32.5HP engine and over 400+CFM, there's more than enough power to handle extra-long hose reaches with dual wands to achieve quick-drying.



TITAN™ H₂O

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TITAN™ H₂O

Specifications:

Engine: Kubota 32.5HP Liquid Cooled Engine

- Fuel efficient – 1.7 gph at 300psi
- Keyless electronic ignition
- Exceptionally rigid cast iron block
- 3 cylinder OHV design

Vacuum: 4007 Dominator Tri-Lobe Blower, 400+ CFM

- Direct coupler driven
- HydraMaster exclusive design
- Dual oil bath design with sight level windows
- Durable helical gear drive

Dimensions: - 39”H x 26”W x 45”D

Wand Capability: Dual wand, full performance

Weight: 775lbs (console weight)



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Mobile Truckmounts



TMTQ 4000™

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TRUCKMOUNT TO GO™ MOBILE CLEANING & RESTORATION PLANT

TMTG 4000™

NEW!



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TRUCKMOUNT TO GO™ MOBILE CLEANING & RESTORATION PLANT

TMTG 4000™



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TMTG 4000™



What is a Truckmount to Go?

The HydraMaster TMTG4000 Truck Mount to Go is a mobile, high performance cleaning and extraction system designed for restoration and cleaning contractors, facility managers, and disaster emergency response teams who need an easy to operate and easy to transport unit. It can be directly delivered to the job site and off-loaded for immediate and on-going deep cleaning and extraction of carpets, upholstery, hard surface floors, sidewalk, porches and entry way cleaning; water and flood extraction, and pressure washing where immediate collection of cleaning solutions and soiling are beneficial.

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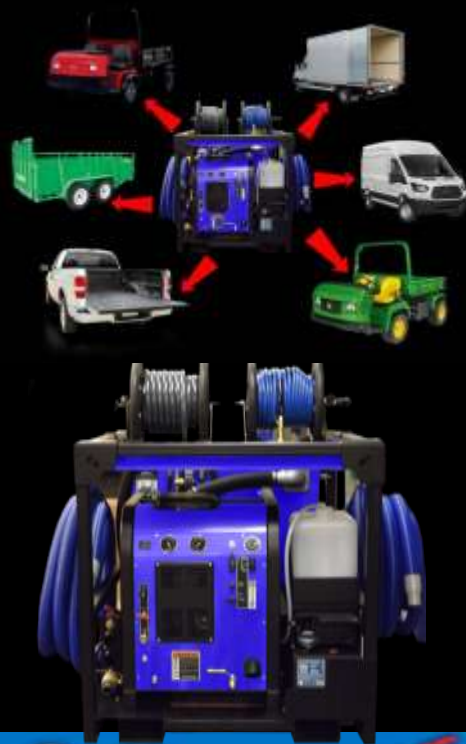


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TMTG 4000™

How does it work?



The complete self-contained, turn-key system can be transported via flatbed or pick-up truck, van, trailer, container, pod, or even an industrial cart. As the unit provides its own power, no electricity is needed. The complete system includes: a wastewater recovery tank; high capacity automatic wastewater disposal system (for pumping wastewater to an on-location sanitary sewage access point); fuel tank; solution hoses mounted on a high capacity hose reel; vacuum hoses mounted on a hook, and a cleaning and extraction wand. In addition, the TMTG uses a state-of-the-art heat exchange system to heat the cleaning solution which, eliminates the need for the second fuel source required by hot water pressure washers.

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TMTG 4000™



Permanent Vehicle Mounting is Not Required

The TMTG does not require the contractor or facility to permanently tie up the transport vehicle. The unit is simply forklifted into the transport vehicle for delivery to the job site, or shipped by container or crate to the worksite.

Applications

- Carpet Cleaning
- Water and flood extraction
- Upholstery Cleaning
- Stone, Tile & Concrete Floor Cleaning
- Hard Surface Floors
- Water Damage Restoration
- Pressure Washing
- Vehicle Detailing

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TMTG 4000™



- ✓ TMTG is not just limited to water extraction like other mobile systems. It provides restorative, deep cleaning and water extraction capabilities. Most restoration job sites require comprehensive deep cleaning needs after the flood waters have been extracted
- ✓ Proven power, vacuum, and cleaning solution delivery platform used on HydraMaster's most popular slide-in mounted truckmount systems
- ✓ Protective sub-frame equipped with forklift guides for safe and easy loading and unloading
- ✓ Lightweight enough it can be loaded on John Deere ProGator® or Toro Workman® utility vehicles for easy transport on college and industrial campuses, amusement parks, and resorts.

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TMTG 4000™

Specifications

- **Power Plant:** 23HP Briggs & Stratton Vanguard Air Cooled gasoline engine operating at 3000 RPM (Approximately 1.1 gph of fuel consumption)
- **Vacuum Blower:** Tuthill Dominator 4005 positive displacement blower. Directly coupled for Vacuum to 12"Hg and up to 350+ CFM
- **Solution Pump:** Comet 3.5 gpm solution pump with up to 1000 operating psi
- **Heating System:** Dual stage Thermal Capture and Heat Exchange System for cleaning solution temperatures consistently maintained above 200°F at 1.5gpm water flow
- **Frame:** Corrosion-resistant powder coated steel
- **Automatic Wastewater Disposal System**
- **Fuel tank and supply system** will be EPA/CARB certified for permeation and evaporative emissions compliance and is NFPA approved for safety



TRUCKMOUNT TO GO™ MOBILE CLEANING & RESTORATION PLANT

TMTG 4000™



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31 H.P., 400+ CFM, 1200 PSI HOT, 245°F
< \$22,000



The numbers add up to
your perfect truckmount

BOXXER XL **HydraMaster**
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You get uncompromising performance in a high level dual wand power-packed truckmount from the Boxxer XL. Incorporating time tested "best concepts" in design and engineering provides built-in reliability. Yet the Boxxer XL provides innovative and industry- first features that place it on a level previously unachieved for a machine in its class.



**The numbers add up to
your perfect truckmount**

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Utilizing the HydraMaster Water Conservation System, it can be inactive under a full vacuum load for as long as 40 minutes without wasting fresh water. Whether you are setting up for carpet cleaning, or doing water extraction on a flood job, the “no-dump”/full bypass heat exchanger system means your hot water is used on the job, not dumped into the recovery tank, saving precious fuel every day.



**The numbers add up to
your perfect truckmount**

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The Boxxer XL also sets a new standard for quieter operation due to innovative concepts and design in routing and controlling the flow of blower air and exhaust gas. The Boxxer XL produces a decibel level of 68db (at industry standard measurements of 12" Hg, 1.6 gpm water flow with closed doors). This is equivalent to the noise level previously only available with clutch drive, direct drive systems. The Boxxer XL is 20% quieter than a comparable slide-in truckmount.



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your perfect truckmount**



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The Boxxer XL produces performance levels that most truckmounts only dream about – True dual wand capabilities; **400+CFM** (static measurement), **attains 245°F temperature** (185°F continuous flow at 1.25GPM); and proven and tested coupler direct driven blower. Time tested and proven frame and drive system reduces vibration and wear on componentry. Accessibility and serviceability with removable magnetic panels makes maintenance a breeze.



**The numbers add up to
your perfect truckmount**

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Specifications:

Engine: 3 1 HP Briggs & Stratton Air Cooled Engine

- Fuel efficient – 1.6 gph
- Keyed ignition
- Nationwide serviceability

Solution Pump: Plunger pump with 1200 operating psi

- General HTX-1813 4.0 gpm solution pump
- Electric clutch-control

Vacuum: 4007 Dominator Tri-Lobe Blower, 400+ CFM

- Direct coupler driven
- HydraMaster exclusive design
- Dual oil bath design with sight level windows
- Durable helical gear drive

Heating System: Full Divert Tube and finned tube Heat Exchanger

- Automatic Diverter Control (ADC) temperature control
- Attains 245°F temperature (185°F continuous flow at 1.25GPM)
- Patented design and function: U.S. Patent No. 8,032,976

Dimensions: - 39”H x 24”W x 41”D

Wand Capability: Dual wand, full performance

Weight: 800lbs (console weight)

Chemical System:

- Last-step chemical injection,
- Meter controlled

Applications:

- Residential, Large Commercial Carpet Cleaning
- Pressure Washing with full water recovery capabilities
- Upholstery Cleaning
- Stone, Tile and Grout Cleaning
- Hard surface high pressure cleaning



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***It is time for you to add a
hard surface dedicated
cleaning machine and
van to your fleet.***



Featuring . . . The **BOXXER 318HP**
from HydraMaster, the right
truckmount for the realities
of the cleaning marketplace.

**Emboldening Cleaning Business
Owners with the Next Most
Important Step for Their Success.**

BOXXER 318HP  **HydraMaster**
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NEW!
Now Comes Standard
HydraClutch
Perfect for Water Damage
Restoration



**Emboldening Cleaning Business
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BOXXER 318HP

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Pressure Wash with Heat at 1500 psi..

The all new Boxxer 318HP is a dedicated hard surface cleaning and pressure washing truckmounted extractor designed specifically to provide heated water at pressures up to 1500 psi, yet affordable enough to start your business or add to your carpet cleaning fleet. With the residential market share for carpet as a floor covering having fallen by 30% in the last 5 years, the market for restorative cleaning of tile, stone, and concrete floors is growing larger every year.



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Important Step for Their Success.**



BOXXER 318HP

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The Boxxer 318HP is equipped with several exclusive features which make it ideal for dedicated hard surface cleaning.

- First, the chemical solution pump is constructed of stainless steel (Most truckmount chemical solution pumps are brass) with an integrated shut-off valve to deal with the higher pressures typically associated with hard surface cleaning.
- Secondly, a specially engineered heater coil is used to withstand the rigors of constant high pressure cleaning applications (up to 1500psi.)
- Finally, keeping the hot water flowing (180-210°F) even at higher pressures allows you to take advantage of the cleaning power of hot water to reduce chemical usage.



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- The Boxxer 318HP provides you with pressure washing capabilities, but with the powerful 3006 Competitor SL Vacuum Blower, you have waste water recovery capabilities no pressure washer has.
- The powerful 1500 psi pressure is complimented by the fact the water is heated without using a secondary fuel source.
- The Boxxer 318HP comes standard with the HydraMaster RX-15H rotary hard surface tool meaning you are equipped and ready to clean on day one.
- The maintenance friendly design of the Boxxer 318HP includes glass sights to monitor oil levels and the unique last step chemical injection system eliminates chemical build-up in the pump and heat exchanger.

**Emboldening Cleaning Business
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Important Step for Their Success.**

BOXXER 318HP

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Briggs & Stratton® Vanguard™ Engine:

- Fuel-efficient 18HP engine, 1.0GPH
- Reliable 2 cylinder OHV design
- Keyed ignition
- Easy maintenance

Competitor® SL 3006 Blower

- Hardened, precision helical gears
- Double row ball bearings at gear end
- Precision machined ductile iron rotors
- Dual oil bath design with oil level sight windows

High Pressure Pump:

- 3.5 gpm capacity
- Operating pressure, 0 to 1,500 psi
- Clean carpet and hard surfaces and pressure wash

Emboldening Cleaning Business Owners with the Next Most Important Step for Their Success.

Machine Specifications:

- Dimensions: 24"W x 31"H x 36"D
- Weight: 570 lbs
- Ignition: Electric key start
- Chemical System: last-step chemical injection, meter controlled
- Heating System: Finned tube heat exchanger with stainless steel tubes
- Wand Capacity: Single
- Fuel Consumption: 1.0 gph
- Uses: Residential and Commercial



BOXXER 318HP

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5 Around Selling – Truckmounts



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Selling HM Truckmounts

- Look at what 'selling' is
- Ask tough questions of ourselves
- Look at types of customers
- Hands-on presentation
- Close the sale



Evolution Wand Series

Rotationally Molded Delrin® Glide Wands and Tools



The #1 selling professional cleaning wand series in the world!

Now the full line of Evolution Wands and tools provide the professional cleaner and restorer with a wide range of problem solving and quick drying options whether using a truckmount or portable extractor, doing water damage and flood extraction, cleaning hard surface floors, or taking care of fine upholstery.



Better Cleaning, Faster Drying, Reduced Fatigue



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About the Evolution Wand Technology

HydraMaster took wand and tool design to the next level with the development of the technology with the Evolution Wand Series. Using a copolymer process to rotationally mold cleaning wands has resulted in tools that are lighter, more durable, and outperform traditional stainless steel wands and tools. Through scientific testing, the Evolution Wand series was designed to smooth airflow and boost water recovery performance. Side by side comparative testing of the 1.5" Evolution Wand against many of the other types of wands available resulted in 1/2 of the residual moisture per square foot, and has shown unmatched performance versus any other type of wand.



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About the Evolution Wand Technology

The rotationally molded wand heads and aircraft aluminum tubes make the Evolution Wand Series nearly half the weight as comparable stainless steel wands and tools. Evolution wands and tools are custom fitted with a Delrin® acetyl glide with a glide holder that is molded or mounted to the wand or tool head for an airtight fit. Many aftermarket Teflon glides used on traditional wands are designed to fit a wide variety of tools and often don't fit well and slip and slide off. The Delrin® glides are especially matched to the glide holder on each Evolution Wand giving it an airtight seal and making it easily replaceable.



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Evolution Wand Series

Rotationally Molded Delrin® Glide Wands and Tools

About the EVOLUTION Wand Series

HydraMaster took wand and tool design to the next level with the EVOLUTION Wand Series. By using a copolymer process to rotationally mold cleaning wands and handles our tools that are lighter, more durable, and outperform traditional wands and tools. Through scientific testing, the EVOLUTION Wand series was designed to smooth airflow and boost water recovery performance. The laminar airflow design improves airflow, increases extraction performance, and reduces drying time.



2" Titanium
16" head, 6-jet
000-163-054



2"
16" head, 6-jet
000-163-035



1.5"
13" head, 2-jet
000-163-034



2" Flood
Extraction -
16" head
000-163-058



1.5" Stair Wand
10" head, 1-jet
000-163-759



4" Glided
Upholstery Tool
000-163-617



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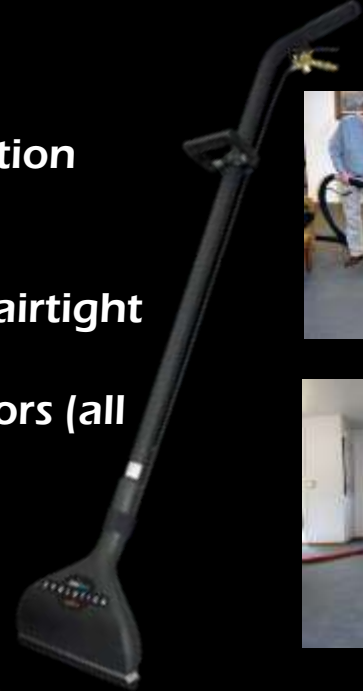
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1.5" Evolution Wand

Rotationally Molded Delrin Glide Carpet Cleaning Wand (13" head, 2 jet)

Half the Weight, Twice the Performance

- Rotationally molded to reduce weight and increase durability
- Laminar airflow design improves water recovery, increases extraction performance, and reduces drying time
- Laboratory tested to leave less residual moisture in the carpet
- Delrin glide holder is rotationally molded into the wand head for airtight fit and no slippage
- Designed to be used with both truckmounts and portable extractors (all jet sizes included)



Part #000-163-034



Better Cleaning, Faster Drying, Reduced Fatigue



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1.5" Evolution Wand

Rotationally Molded Delrin Glide Carpet Cleaning Wand (13" head, 2 jet)

Specifications: 1.5", 2-jet Evolution Wand (13")

- 13" head, 2 jet
- Weight: 6.5 lbs.
- Head: Roto-molded LLDPE
- Glide Receiver: 6061T6 aircraft aluminum
- Glide holder: Delrin – removable, replaceable
- Vacuum tube: 1.5" powder coated 6061 T6 aircraft aluminum
- Jets: (2) 110° #1 tips .8 GPM AT 500 psi
- Solution Line: 3000psi high pressure hose with stainless steel end fittings
- For 100-200 psi portables, use #001 jets (installed)
- For 200psi+ portables, and BOXXER 318, 318HP, 423S Truckmounts, use #002 jets (included)
- For BOXXER XL, Titan 575, 875 use #003 jets. (included)



Part #000-163-034



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Part #000-163-034

2.0" Truckmount Evolution Wand

Rotationally Molded Delrin Glide Carpet Cleaning Wand (16" head, 6 jet)

2", 6-jet Evolution Truckmount Wand (16')

- Weight: 8.8 lbs.
- Head: 16" wide rotomolded head designed for laminar airflow
- Glide Receiver: 6061T6 aircraft aluminum
- Glide: Delrin – removable, replaceable
- Vacuum tube: 2" powder coated 6061 T6 aircraft aluminum
- Jets: (6) #1 tips (4-110 ° /2-95 ° on ends) - 1.75 GPM AT 500 psi
- Solution Line: Parker ¼" 3000psi high pressure hose with hydraulic swaged fittings
- Valve: Rated to 1200 psi
- Flow: At 500psi – 1.75 gallons per minute

Part #000-163-035



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Part #000-163-034

2.0" Truckmount Evolution Wand

Rotationally Molded Delrin Glide Carpet Cleaning Wand (16" head, 6 jet)

Half the Weight, Twice the Performance

- Rotationally molded to reduce weight (only 8.8#) and increase durability
- Laminar airflow design improves airflow, increases extraction performance, and reduces drying time
- 2" diameter vacuum tube increases airflow for faster drying and fits perfectly to 2" vacuum hose without the need for reducing couplers that can limit performance
- 6 stainless steel spray jets are strategically placed on the stainless steel spray bar for maximum coverage, and the wide 16" cleaning head increase productivity by 30% over 1.5" wand



Better Cleaning, Faster Drying, Reduced Fatigue



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Part #000-163-034

Evolution Titanium 2" Wand

Rotationally Molded Head, Titanium Tube, Delrin Glide Carpet Cleaning Wand (16" head, 6 jet wand)

The lightest head and the lightest and most durable wand tube

- Designed for maximum corrosion resistance, yet 2lbs. lighter than a 2" stainless steel wand
- Flow control orifice keeps maximum control over flow and reduces clogging
- Durable, yet lightweight
- Titanium tube
- Rotationally molded to reduce weight and increase durability
- Laminar airflow design improves water recovery which increases extraction performance and reduces drying times



Part #000-163-054



Better Cleaning, Faster Drying, Reduced Fatigue



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Evolution Titanium 2" Wand

Rotationally Molded Head, Titanium Shaft, Delrin Glide Carpet Cleaning Wand (16" head, 6 jet wand)

Specifications

- **Weight:** 8.8 lbs.
- **Head:** 16" wide rotomolded head designed for laminar airflow
- **Glide holder:** 304 stainless steel
- **Glide:** Delrin – removable, replaceable custom airtight fit
- **Vacuum tube:** 2" powder coated Grade 2 Titanium
- **Stainless Steel jets:** (6) #1 tips (4-110° / 2-95° on ends)
- **Solution Line:** Parker 1/4" 3000psi high pressure hose with stainless steel end fittings
- **Valve:** Rated to 2500 psi
- **Flow:** At 500psi – 1.75 gallons per minute



Part #000-163-054



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Evolution Flood Extraction Wand

Rotationally Molded Head, Delrin Glide Water Extraction Wand (16" head)

- **The Aluminum tube and Rotomold head make it extremely lightweight helping reduce fatigue on the technician. The sealed Delrin® glides help push the wand across the carpet, and are tapered to keep a good seal on the fibers.**

No other tool has made such a dramatic increase in water recovery due to its laminar airflow design



Specifications

- **Weight: 6.8 lbs.**
- **Head: 16" wide rotomold head designed for laminar airflow**
- **Glide Receiver: 6061T6 aircraft aluminum**
- **Glide: Delrin – removable, replaceable**
- **Vacuum tube: 2" powder coated 6061 T6 aircraft aluminum**

Part Number: 000-163-058



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Evolution Stair Wand

Rotationally Molded Head, Delrin Glide Wand for Stairs and Hard to Reach Places (10" head, 1-jet)

Lighter and more durable than stainless steel stair wands and tools

- Through scientific testing, the Evolution Stair Wand was designed to smooth airflow and boost water recovery performance. A rotationally molded head and aircraft aluminum tube make the Evolution Stair Wand lighter than most other stair wands or tools and more durable
- Ergonomically angled wand tube for fatigue reduction
- Laminar like airflow design improves airflow, increases extraction performance, and reduces drying time – leaves less residual moisture
- Delrin glide is mounted to the rotationally molded head for easy removal, clean-out, and replacement
- Brass check valve/stainless steel Inline filter with brass quick-connect prevents clogging and is easy to clean out
- 10" head with single jet spray application



Part #000-163-759



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Evolution Stair Wand

Rotationally Molded Head, Delrin Glide Wand for Stairs and Hard to Reach Places (10" head, 1-jet)

Specifications

- Weight: 4.5 lbs.
- Head: 10" Roto-molded LLDPE
- Glide: Delrin® – removable, replaceable
- Vacuum tube: 1.5" powder coated 6061 T6 aircraft aluminum
- Jet: 1 - #004 tip- 1.12gpm AT 500 psi
- Solution Line: High performance ¼" 3000psi high pressure hose with stainless steel end fittings
- Valve: Rated to 1000 psi (recommended usage 100 – 500psi)



Part #000-163-759



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Evolution Glided Upholstery Tool

Rotationally Molded Head, Delrin® Glided Upholstery Tool (4" head, shear angle single jet)

New to the Evolution line of cleaning tools for the cleaning and restoration professional and the cleaning contractor is the Evolution Glided Upholstery Tool. This durable, rotationally molded tool is lighter than conventional steel upholstery tools, reducing hand and wrist fatigue in upholstery cleaning. The Evolution Upholstery Tool was designed to smooth airflow and boost water recovery performance as compared to the harsh angles of a steel tool. Best of all, the glided head moves across the upholstery fabric better and increases water recovery.



Part #000-163-617



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Evolution Glided Upholstery Tool

Rotationally Molded Head, Delrin® Glided Upholstery Tool (4" head, shear angle single jet)

- The cleaning angle of the single jet shears across the fabric rather than directly down onto it greatly reducing your chances of over-wetting.
- Rotationally molded to reduce weight and increase durability
- Laminar like airflow design improves airflow, increases extraction performance, and reduces drying time.
- Ergonomically designed to reduce operator fatigue and ensure proper recovery when cleaning surfaces with unique geometry.
- Delrin glide is mounted to the rotationally molded tool head for airtight fit and no slippage
- Plastic glide is less likely to develop burrs than a steel tool head which could damage delicate upholstery fabrics. Also, glide can be replaced when worn



Part #000-163-617



Part #000-163-617 | www.hydramaster.com | 800.426.1301 | 425.775.7272

Evolution Glided Upholstery Tool

Rotationally Molded Head, Delrin® Glided Upholstery Tool (4" head, shear angle single jet)

Specifications

- Weight: 1.5#
- Head: 4" Roto-molded LLDPE
- Glide: Delrin® – removable, replaceable
- Jet: #002 tip
- Valve: Rated to 1200psi (Solution pressure of 40-80psi is recommended on upholstery)



NEW!



Part #000-163-617



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Evolution Wand Rack/Holder

Rugged and Durable ABS Plastic

Quit fumbling around in the back of your van or work vehicle trying to find the right place for your Evolution Wands. Those clips don't hold up and often don't fit, but you need to clear floor space and have a place where your technicians know the wand always goes. The Evolution Multi-Purpose Wand Rack/Holder is designed to provide a more professional look to your van, while simultaneously increasing your van organization and efficiency. It protects your wands, and all of the other contents of your van from damage being inflicted by falling wands.

1.5" Holder: Part #000-078-945

2.0" Holder: Part #000-078-946



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Evolution Wand Rack/Holder

Rugged and Durable ABS Plastic

Specifications

- **The Evolution Multi-Purpose Wand Rack** is manufactured with black durable ABS plastic that is corrosion resistant
- Comes in a 1.5" version and a 2" version. The 1.5" version is specifically designed to hold the 1.5 Evolution Wand or Evolution Stair Wand. It will also hold most standard stainless steel 1.5" wands and some 1.5" "S" Bend stainless steel wands. The 2" version is designed to hold the 2" Evolution Wand and the 2" Titanium Evolution Wand. It will also hold most standard stainless steel or Titanium 2.0" wands and some 2.0" "S" Bend stainless steel wands
- The auto-secure tensioner "locks" the wand in place so it will not fall out, even when making sudden stops or turning sharp corners
- Can be mounted either to the side of the van or the roof



1.5" Holder: Part #000-078-945

2.0" Holder: Part #000-078-946



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Evolution Wand Rack/Holder

Rugged and Durable ABS Plastic

Specifications

- Added slot will simultaneously store and hold a carpet grooming tool or rake (van side-mount only)
- 3 additional holes on the rack allow you to use bungee cords/wraps to store other hoses and accessories in place
- Standard kits come with two brackets
- Recommended mounting is directly to the rib of the van
- Two kits can be mounted on one wall to hold multiple wands



1.5" Holder: Part #000-078-945

2.0" Holder: Part #000-078-946



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Evolution Wand Series

Rotationally Molded Delrin® Glide Wands and Tools

About the EVOLUTION Wand Series

HydraMaster took wand and tool design to the next level with the EVOLUTION Wand Series. By using a copolymer process to rotationally mold cleaning wands and handles our tools that are lighter, more durable, and outperform traditional wands and tools. Through scientific testing, the EVOLUTION Wand series was designed to smooth airflow and boost water recovery performance. The laminar airflow design improves airflow, increases extraction performance, and reduces drying time.



2" Titanium
16" head, 6-jet
000-163-054



2"
16" head, 6-jet
000-163-035



1.5"
13" head, 2-jet
000-163-034



2" Flood
Extraction -
16" head
000-163-058



1.5" Stair Wand
10" head, 1-jet
000-163-759



4" Glided
Upholstery Tool
000-163-617



Better Cleaning, Faster Drying, Reduced Fatigue



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The most well thought out ergonomic design of any upholstery tool in the industry.

driMASTER³

No repetitive motion strain or syndrome here!

driMASTER 3 Upholstery Cleaning Tool

- Continuous hi-flow jetless cleaning technology for better productivity and faster cleaning.
- Shearing effect and innovative vacuum design virtually eliminates the most common cause of upholstery cleaning problems - overwetting.
- Molded glides on the tool lips allows for smoother, safer flow across even the most delicate fabrics.

TRIGGER VALVE



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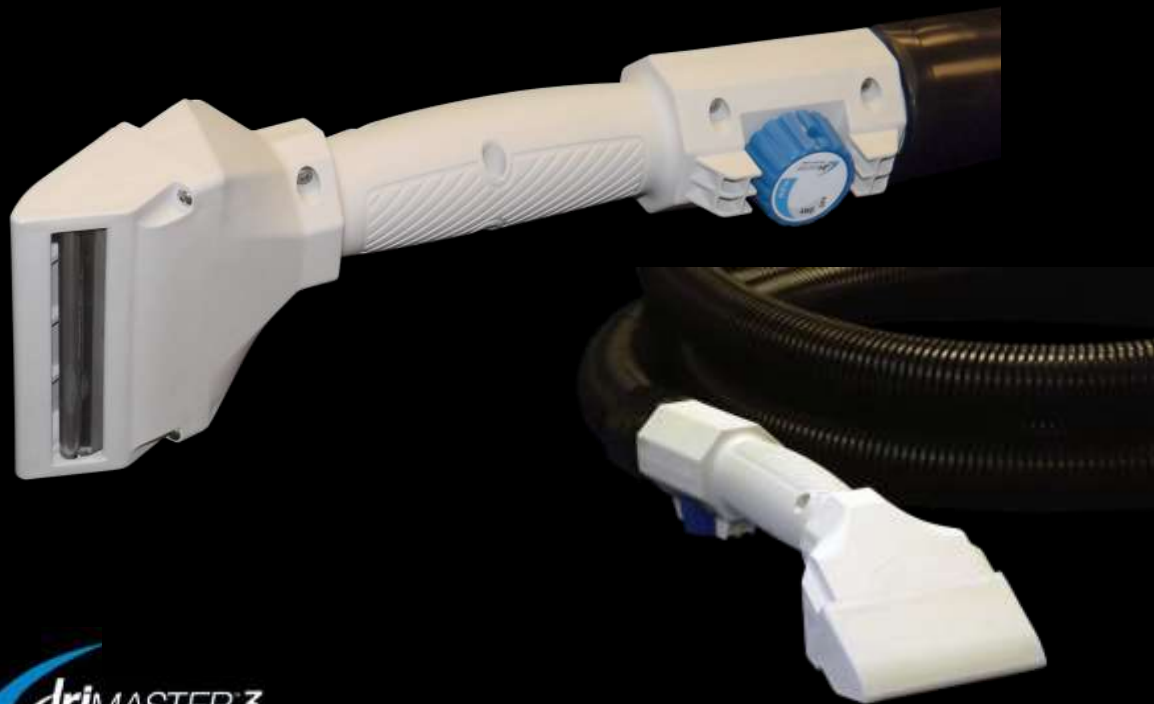


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DriMaster 3 Upholstery Cleaning Tool

Hi-Flow Hyper-Velocity Jetless Cleaning Technology



driMASTER 3

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DriMaster 3 Upholstery Cleaning Tool

Hi-Flow Hyper-Velocity Jetless Cleaning Technology

The problem with conventional upholstery cleaning tools

- Cleaning upholstery fabrics with conventional tools has traditionally meant the technician had to bypass the power of their cleaning equipment rather than taking advantage of it
- To avoid spraying water too deep into the upholstery and causing overwetting, the technician had to reduce their solution flow and their solution pressure
- With extreme soiling, multiple wet passes would mean soaking and overwetting the fabric and the cushion behind it, leading to slower cleaning and increased potential for fabric bleeding, browning, and shrinkage



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DriMaster 3 Upholstery Cleaning Tool

Hi-Flow Hyper-Velocity Jetless Cleaning Technology

The problem with conventional upholstery cleaning tools

- Plus, as the solution dripped from the tool or gathered at the end of the tool pass, it was easy for streaking to occur
- The low solution pressure and water flow rates will often not activate the heating functions of your truckmount, meaning that you are forced to clean with lukewarm water or too scalding hot of water



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DriMaster 3 Upholstery Cleaning Tool

Hi-Flow Hyper-Velocity Jetless Cleaning Technology

Hi-Flow Hyper-Velocity Jetless Cleaning Technology

Virtually eliminates the most common cause of upholstery cleaning problems, overwetting – helping you greatly reduce the chances of bleeding, shrinking, and browning



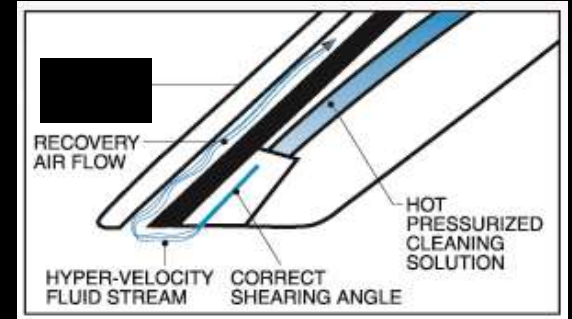
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DriMaster 3 Upholstery Cleaning Tool

Hi-Flow Hyper-Velocity Jetless Cleaning Technology

Hi-Flow, Hyper-Velocity fluid stream technology

Allows you to utilize the power of your truckmount or high performance portable extractor rather than by-passing it and keeps your truckmount heating system operating throughout the cleaning



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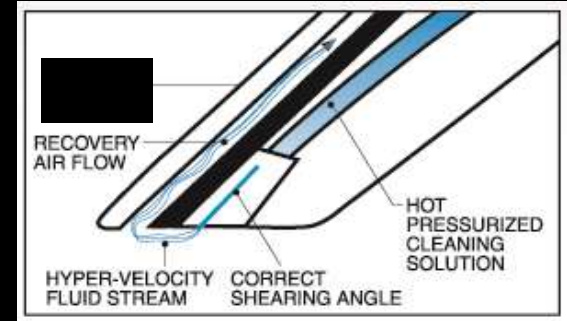
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DriMaster 3 Upholstery Cleaning Tool

Hi-Flow Hyper-Velocity Jetless Cleaning Technology

Solution is applied in thin, flat hyper-velocity fluid stream for even application. The constant solution flow is trained by the patented injector bar and slotted vacuum port system. The cleaning solution shears across the fabric, rather than directly spraying into it, which greatly minimizes the likelihood of over-wetting the fabric. Plus, the immediate vacuum recovery of solution flow means less residual moisture

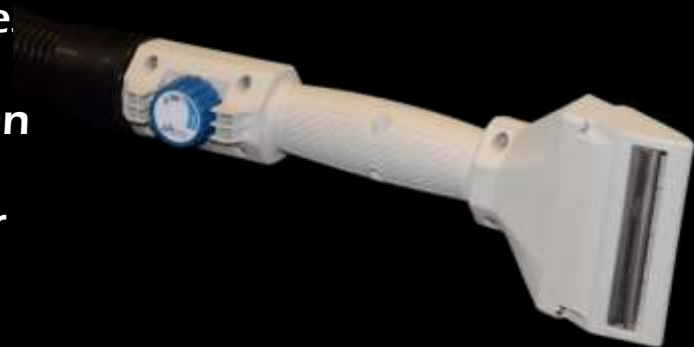


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DriMaster 3 Upholstery Cleaning Tool

Hi-Flow Hyper-Velocity Jetless Cleaning Technology

- Faster cleaning means more money for you, less fatiguing means you can clean upholstery in volume.
- Leaves the fabric cleaner and dryer
- 20% larger cleaning head means faster cleaning than the competitive upholstery tools
- No carpal tunnel syndrome here - Jetless, no trigger valve technology for less hand strain
- No heat loss from atomizing



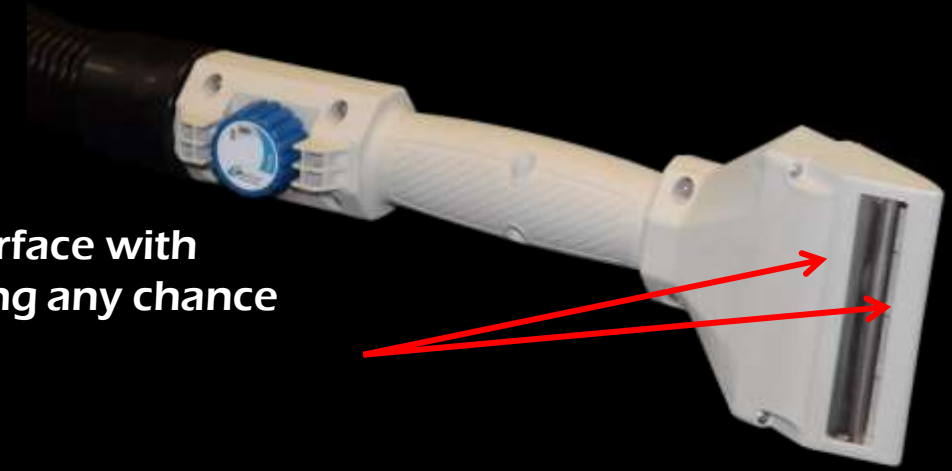
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DriMaster 3 Upholstery Cleaning Tool

Hi-Flow Hyper-Velocity Jetless Cleaning Technology

3rd Generation Enhancements

Molded glide lips means a smoother surface with nothing to wear out virtually eliminating any chance of fabric snagging



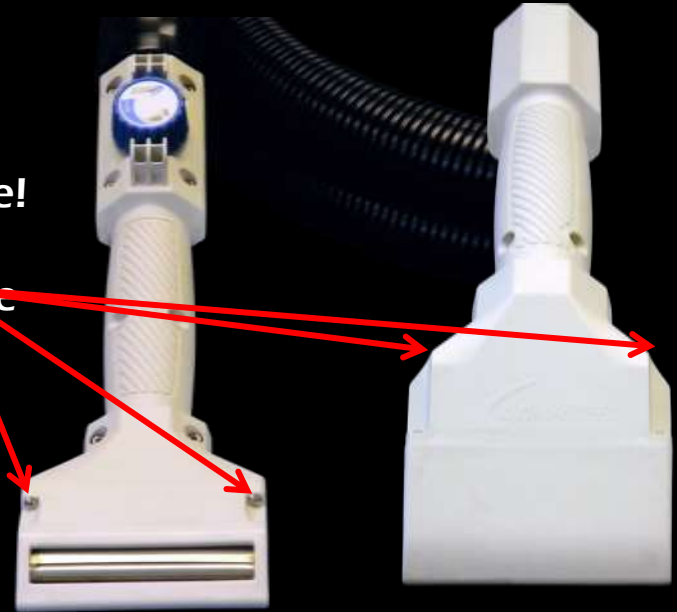
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DriMaster 3 Upholstery Cleaning Tool

Hi-Flow Hyper-Velocity Jetless Cleaning Technology

3rd Generation Enhancements

The tool is easy to clean out and even easier to service!
Just undo four screws and remove the nose cone for complete access. Push to connect fittings between the valve and bar jet allow for cleaning access and easy replacement.



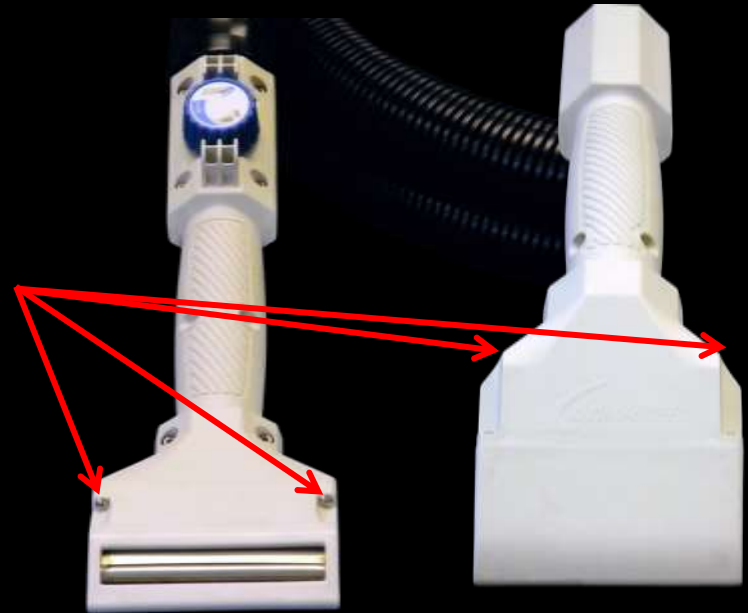
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DriMaster 3 Upholstery Cleaning Tool

Hi-Flow Hyper-Velocity Jetless Cleaning Technology

3rd Generation Enhancements

If nose cone gets dropped, cracked or chipped, just replace the nose cone. This extends the useful life of your tool for long term profitable cleaning.



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DriMaster 3 Upholstery Cleaning Tool

Hi-Flow Hyper-Velocity Jetless Cleaning Technology

A perfect spot and stain removal tool for oriental rugs – flushes through the rug for better removal without overwetting!



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DriMaster 3 Upholstery Cleaning Tool

Hi-Flow Hyper-Velocity Jetless Cleaning Technology

Also the ideal high productivity tool for office partitions (cubicle) cleaning – safe and effective - better soil removal without overwetting!



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RX20

NEXT GEN



The Stakes Have Been Raised...



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NEW!



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RX20 NEXTGEN Rotary Jet Extraction® Cleaning Wand



The Stakes Have Been Raised...

The RX20 set the standard for Rotary Jet Extraction® cleaning, with over 25,500 units sold over the last 36 years. Now, the New RX20 **NEXTGEN** Rotary Jet Extraction® Tool redefines that standard and “ups the ante.”



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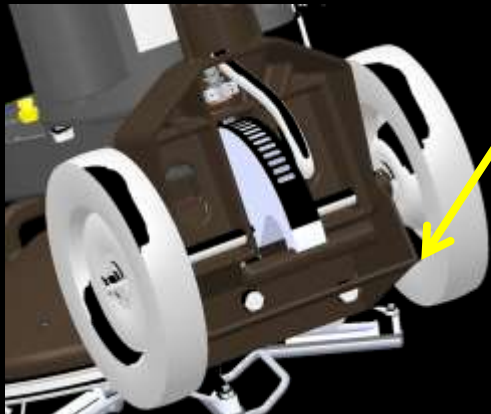
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RX20 NEXTGEN Rotary Jet Extraction® Cleaning Wand



Easier to handle, more comfortable to operate

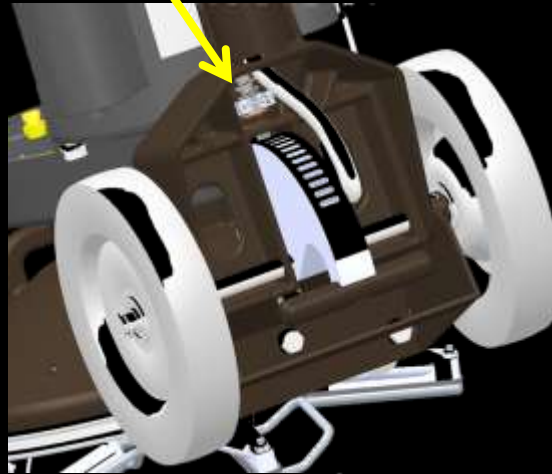
- Additional momentary switch sustains head rotation and allows user to operate with left hand only
- Additional lower rear carry handle



RX20 NEXTGEN Rotary Jet Extraction® Cleaning Wand

Easier to handle, more comfortable to operate

- No slip handle locking mechanism is easier to use and self locking– tee handle, spring pull, latches with positive locks at 5-7 degree increments



RX20 NEXTGEN Rotary Jet Extraction® Cleaning Wand



New feature extends your cleaning reach, optimizes productivity

- On-board crevice tool with robust design and storage bracket increases your cleaning reach and allows for uninterrupted deep cleaning/vacuuming of edges and corners
The customer and technician can see the soil being extracted through the clear tube



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RX20 NEXTGEN Rotary Jet Extraction® Cleaning Wand

Less fatiguing, operate longer

- Comfortable re-designed ergonomic operator handle
- Handle angle positioned for comfort and productivity (15 degrees up, 10.5 degrees back)



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RX20 NEXTGEN Rotary Jet Extraction® Cleaning Wand



Enhanced engineering design reduces complexity, easier to train technicians

- Redesigned and enhanced label artwork and color graphics provide detailed operation instructions right on the handle
- Smooth wheels help prevent picking up debris during transport

A close-up photograph of the RX20 handle with a yellow arrow pointing to the maintenance schedule label. The label is titled "Quick Operation Guide" and "RX20 Maintenance Schedule". It includes a power button icon, a refresh icon, and a maintenance icon. Below the icons, there are three columns of instructions: "Start of Day", "End of Day", and "Periodic". The "RX20 NEXT GEN" logo and "HydraMaster" logo are also visible on the label.

Quick Operation Guide

1 2 3 4

RX20 Maintenance Schedule

Start of Day	End of Day	Periodic
1 Place a lubricated felt gasket in cleaning head	1 Clean bell housing, cleaning head, and Powerhead body	1 Monthly - check oil level in gear box and inspect for leaks
2 Lubricate drive shaft and install cleaning head	2 Flush jets	2 Monthly - check skids and weldments, replace if needed
3 Check jets on cleaning head	3 Remove felt gasket and place in lubricating oil	3 6 Months - under the bell housing check felt gasket plate seal for wear
		4 6 Months - Change oil in gear box

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RX20 NEXTGEN Rotary Jet Extraction® Cleaning Wand



Streamlined manufacturing practices

- Reduction in number of parts, and more of the mechanisms built into the cast and molded handle
- 35 years of accumulated knowledge in manufacturing resulted in improved processes and designs



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RX20 NEXTGEN Rotary Jet Extraction® Cleaning Wand

Contractor Price: \$3,095



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RX20 NEXTGEN Rotary Jet Extraction® Cleaning Wand

- The RX20 NextGen Rotary Jet Extractor® continues to revolutionize the way professional cleaners and restorers deep clean carpets.
- It cleans the carpet fiber from five different angles. With three spray jets matched with 5 vacuum slots that are independently suspended by a flexible spring arm, the RX20 NextGen makes over 650 cleaning passes per minute. This super agitation, combined with the unit's weight cleans a carpet deeper, extracting soil and cleaning solution.



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RX20 NEXTGEN Rotary Jet Extraction® Cleaning Wand

- The rotating head cleans all sides of the carpet fiber, fluffing up and restoring the pile. The cleaning head floats and glides across the carpet. The self-propelled RX20 NextGen glides over the carpet; the rotary action of the cleaning head does all the work. The RX20 NextGen sweeps back and forth with just a slight change of balance on the handle. The effort needed to use an RX20 NextGen is a fraction of that used scrubbing back and forth with a wand.
- Best of all, the extraction recovery performance of the RX20 NextGen dries the carpet faster than ever. The results are astounding, especially on extremely soiled, matted carpet.



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RX20 NEXTGEN Rotary Jet Extraction® Cleaning Wand

- The RX20 NextGen delivers consistent results all day long and is not operator dependent. Using a rotary jet extractor often means you'll be cleaning at the same quick pace at the end of the day as when you started; consistent effort that translates into consistent quality and happy customers.
- Customers will be impressed by the high-tech approach to cleaning that the RX20 NextGen provides, setting your cleaning company apart from those that use a conventional scrub or drag wand. Experience has shown this to be true as repeat customers often call specifically requesting the rotary extraction of an RX20 NextGen.



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RX20 NEXTGEN Rotary Jet Extraction® Cleaning Wand

"It is like that famous battery bunny. It just keeps going and going and going. It does not tire out even after I have, which means I clean consistently the same way throughout the job and day"
Bruce D.



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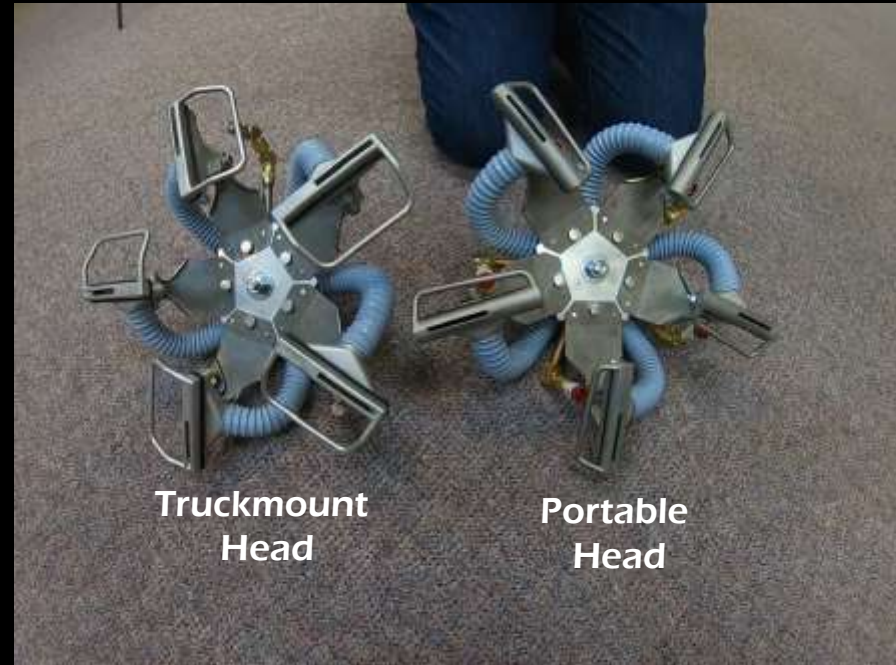
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RX20 NEXTGEN Rotary Jet Extraction® Cleaning Wand

Now the RX20 NEXTGEN is available in a version that is optimized for use with high performance portable extractors - Part # 700-041-334

You can use this special version of the RX20 NEXTGEN with a high performance portable extractor like the PEX 500, the HydraPort 400 or 1200 psi model, or the King Cobra 1200 Pro. It comes down to the air flow needs of your extractor matching up best with the rotary tool.



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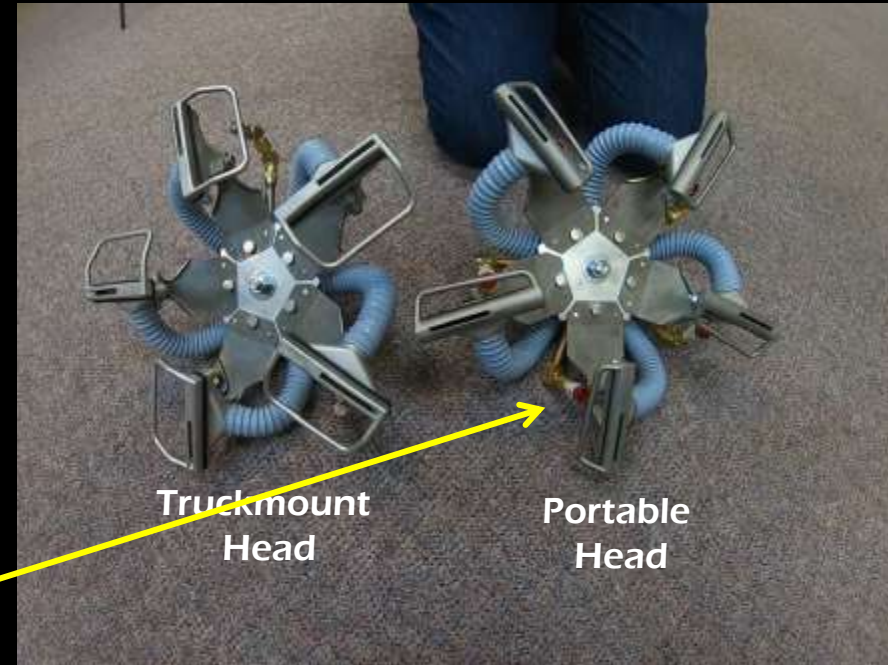
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RX20 NEXTGEN Rotary Jet Extraction® Cleaning Wand

Now the RX20 NEXTGEN is available in a version that is optimized for use with high performance portable extractors - Part # 700-041-334

- HydraMaster has changed with jets and skids on this special model. The jets allow the standard volume of water to flow onto the carpet, but the genius part is the skids are designed specifically for lower air flow (that portables need) and optimized for the best recovery.
- There are five smaller quick connect jets on the portable version of the RX20 NEXTGEN that are designed to complement the portable version of the stainless skids that allow for optimizing the lesser vacuum you see out of portables.



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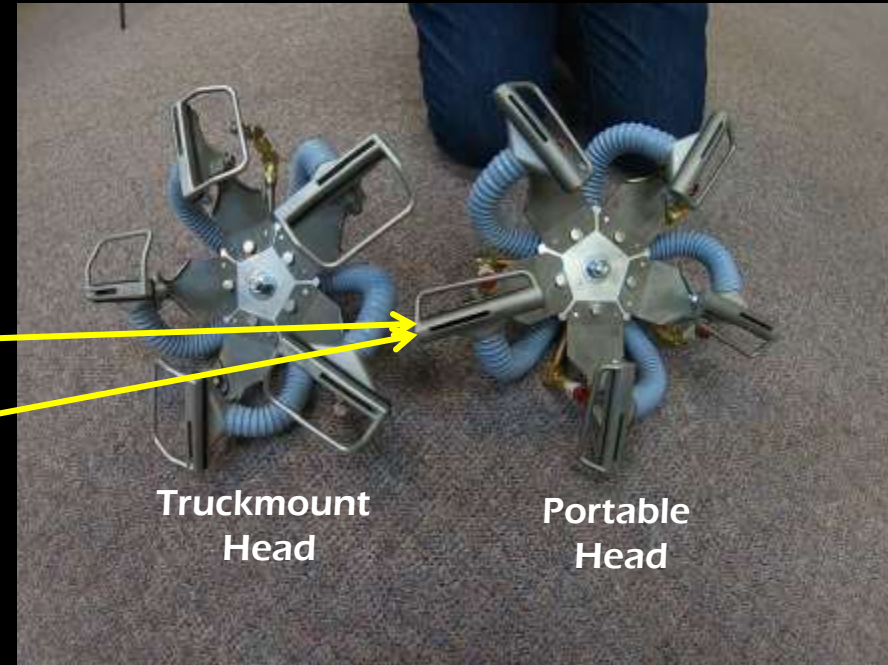
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RX20 NEXTGEN Rotary Jet Extraction® Cleaning Wand

Now the RX20 NEXTGEN is available in a version that is optimized for use with high performance portable extractors - Part # 700-041-334

- Special angles on the skids have been demonstrated to enhance water recovery with the less vacuum flow of a portable extractor.
- In addition, the opening of the vacuum orifice on the skid is smaller for the portable version
- The special skids and supporting jets are designed to optimize water recovery with a portable extractor and reduce drying times.



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RX20 NEXTGEN Rotary Jet Extraction® Cleaning Wand

Now the RX20 NEXTGEN is available in a version that is optimized for use with high performance portable extractors - Part # 700-041-334

- The RX20 NEXTGEN portable version works best with portable extractors producing 400psi or more in solution pressure



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RX20 NEXTGEN Rotary Jet Extraction® Cleaning Wand

**The RX20 is not just a carpet extraction tool...
An often overlooked gem for water extraction during
water damage restoration**

- An independent water extraction test by a leading trade association demonstrated that heavier rotary extraction wands like the RX20 NextGen did a better job at extracting water from glue down carpets than many wands specifically designed for water extraction only
- In fact, even on residential style carpet the RX20 outperformed many so called dedicated extraction wands at water recovery from a flooded carpet.
- Multiple passes of head across the carpet ensures a higher level of water extraction and faster drying.
- Finally, just like in cleaning, when using the RX20 NextGen for water extraction, it reduces fatigue, and keeps up maximum extraction even when the restoration technician is worn out.



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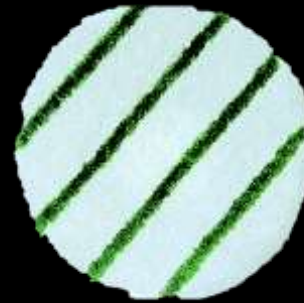
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RX20 NEXTGEN Rotary Jet Extraction® Cleaning Wand

The RX20 is not just a carpet extraction tool...

**Low moisture carpet cleaning – bonnet or encapsulation
RX Pad and Bonnet Driver - This attachment allows the RX to
quickly convert to drive carpet cleaning bonnet pads
Part No. 190-041-024**



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RX20 NEXTGEN Rotary Jet Extraction® Cleaning Wand

The RX20 is not just a carpet extraction tool...

Hard surface floor deep cleaning, stripping, or scrubbing – luxury vinyl tile, ceramic or porcelain tile, natural stone, and finished concrete

RX Hard Floor Attachment - LD

Suitable for Light Duty (LD) scrubbing of vinyl, terrazzo, slate and marble surfaces. The brush on this attachment replaces red pads. Part No. 190-041-024

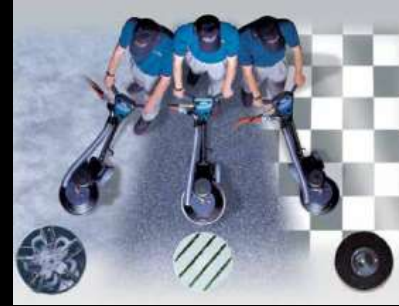
RX Hard Floor Attachment – MD Suitable for Medium Duty (MD) to aggressive scrubbing and stripping of resilient floors, terrazzo, quarry tile and concrete floors. The brush on this attachment replaces brown and black pads and will outlast them more than 100 to 1.

Part No. 190-041-025

RX Hard Floor Attachment – HD Designed for Heavy Duty (HD) to most aggressive stripping and scrubbing of resilient floors, terrazzo, quarry tile and concrete floors. The brush on this attachment replaces high productivity pads.

Part No. 190-041-025

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RX20 NEXTGEN Rotary Jet Extraction® Cleaning Wand

But don't just take our word for it. Listen to what the legion of RX20 owners and fans have to say:
I have used the RX20 for as long as I could remember. When I was 3-6 years old my dad would have me sit on the motor for extra weight, we ended up burning up a motor. I use it on 90% of my jobs commercial and residential.

VS Restoration Carpet Cleaning

I've used a RX20 for 10 years on every single job and love it.

Jeff Galley



RX20
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RX20 NEXTGEN Rotary Jet Extraction® Cleaning Wand

But don't just take our word for it. Listen to what the legion of RX20 owners and fans have to say:

I have been using one [RX20] since I was a kid helping my dad, we use them on probably 99.9% of our jobs , it has also become one of our main marketing tools, seeing that hardly no one else in our area uses a rotary of any kind! The funny thing is that I have met other so called professionals in our area (with 25 years plus experience , so says their ads) who have never seen such a thing! We've been using them for 15 plus years definitely our best investment!

Marty J



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RX20 NEXTGEN Rotary Jet Extraction® Cleaning Wand

But don't just take our word for it. Listen to what the legion of RX20 owners and fans have to say:

Especially in this current market the RX20 sets a standard that not all service providers can match. Those who are not the top of the food chain will be eliminated. My RX20 allows me out perform other competitors.

Anthony Wynkoop

The RX20 does a great job cleaning carpet. ... I have a lot of customers that think the only thing that can get their carpet clean is the RX20.

Alpine Professional Carpet Care



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RX20 NEXTGEN Rotary Jet Extraction® Cleaning Wand

But don't just take our word for it. Listen to what the legion of RX20 owners and fans have to say:

Heavily soiled carpets are really where the RX-20 shines. As far as I'm concerned the RX20 really comes in handy as far as making a pretty hard job a lot easier.
Extremeclean

We use the RX20 on everything. It will set you apart from your competition for sure!
All American Carpet Cleaning, Branson MO

I've had 5 Rx's different models ... The RX is almost bulletproof.
Paul Brown



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RX20 NEXTGEN Rotary Jet Extraction® Cleaning Wand

But don't just take our word for it. Listen to what the legion of RX20 owners and fans have to say:

The RX20 has a track record of I believe more than 15 or 20 years doing great for commercial applications.

CE Carpet Care, Torrance, CA

The RX20 is an awesome machine I plan to buy down the road. I used one frequently at my old job and loved it.

Todd's Carpet and Tile, Las Vegas, NV

I use my RX20 on everything I love it
Spectrum Floor Cleaning



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RX20 NEXTGEN Rotary Jet Extraction® Cleaning Wand

We asked professional cleaners and restorers what kind of jobs they would never try to do without their RX20?

I just did a 20,000 square foot building in Washington DC, 10 floors with the Titan and the RX20. Of course the customer was amazed.

Ryan G.

The RX20 is an awesome tool for making carpet very clean....Love it!

Brian H.

EVERY SINGLE CUT PILE CARPET I HAVE EVER DONE!

Love that machine!

Joseph R.



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RX20 NEXTGEN Rotary Jet Extraction® Cleaning Wand

We asked professional cleaners and restorers what kind of jobs they would never try to do without their RX-20?

All of them!
Jeff G.

Three story court house in Tupelo, Mississippi – Elvis's birth place. Used my Boxxer and my RX20 and did an unbelievable job. I love my machine and my RX20.
Stephen H.

Long hallways in a retirement center. Well truthfully, all our jobs!
Ed H.



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RX20 NEXTGEN Rotary Jet Extraction® Cleaning Wand

We asked professional cleaners and restorers what kind of jobs they would never try to do without their RX-20?

I clean some nasty, trashed apartment carpets. Without my RX20 I would be screwed!

Mark V.

The RX20 is the best!

Gustavo B.

Too many to count or name. Best was a pub and a brewery.

Matt H.

Every job!

Shawn M.



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RX20 NEXTGEN Rotary Jet Extraction® Cleaning Wand

We asked professional cleaners and restorers what kind of jobs they would never try to do without their RX20?

The RX20 is a lifesaver. There is no way I would clean commercial carpet or large jobs without it. Great piece of equipment!

John B.

Every job I do!

Matt H.

Every job, every day!

Randy G.

Large carpeted gymnasium.

Larry H



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RX20 NEXTGEN Rotary Jet Extraction® Cleaning Wand

**We asked professional cleaners and restorers
what kind of jobs they would never try to do
without their RX20?**

Nightclubs and bars. It just cuts through the crud!
Allan S.

Hospital in Baltimore, Maryland.
John B.



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Truckmount Accessories – Freshwater Tanks

A well designed freshwater storage tank:

- Increases available floor space in the van
- Reduces set-up and tear-down time at the job site
- Delivers freshwater to your truckmount consistently and effectively



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Truckmount Accessories – Freshwater Tanks



What advantages does having a freshwater tank provide to your carpet cleaning operations?

- No stumbling around in gardens and behind thorny bushes trying to find a hose hook-up
- On commercial jobs, you won't spend 45 minutes looking for a water hose hook-up only to find out you don't have the right adapter
- You can ensure that your freshwater comes from a clean, consistent source
- One less hose to have to run
- Easier and faster set-up, quicker and more efficient tear down on every job
- Completely self-contained operation
- Reduce job cancellations on sites where water access is locked up or water has been turned off.
- Make sure you have water available on restoration jobs where availability might be in question



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HYDRATANK 110G FRESHWATER TANK

Get the most room from your van with the HYDRATANK 110G Freshwater Tank. This tank can be mounted over the wheel-well or installed vertically. The durable ultra-thick wall polyethylene construction safely and conveniently keeps you equipped to clean turn-key.



The kit includes:

- freshwater tank with float valve
- mounting hardware
- chemical storage tray

Most installations of this tank require a pump in kit.
Pump kit part number:
000-079-081



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HYDRATANK 110G FRESHWATER TANK

Key Features

- Durable
- Compact
- Easy to Install
- Float valve automatically shuts off water when tank is full
- Heavy duty brass garden hose quick connect makes connection a snap
- 110 gallon capacity, yet only 60" x 34" x 18"
- Storage shelf for chemicals and hand tools
- Dump valve for fast flush of system - Installs at either end of the tank
- Epoxy coated steel mounting hardware standard, stainless steel optional
- Universal wheel well installation
- Fast and simple installation
- All stainless steel fasteners
- Durable ultra thick wall polyethylene construction
- 5 year warranty on tank

Most installations of this tank require a pump in kit. Pump kit part number: 000-079-081



Weight	150.0
Dimensions	(L x W x H) 60" x 18" x 34"
Color	White
Tank Size	110 Gallon



Part number: 000-159-115



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70 Gallon Submount (Underbelly) FWT

The HydraMaster 70 Gallon Sub-Mount RMT Freshwater Tank has some specific features you should consider:

- Manufactured of rotationally molded from durable polyethylene
- Actual capacity of 70 gallons
- Space-saving sub-mount design frees up space in your van
- Unlike over-wheel freshwater tanks, weight is evenly distributed, preventing premature wear on tires, shocks, and struts



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Water Control Systems
HydraMaster

70 Gallon Submount (Underbelly) FWT

The HydraMaster 70 Gallon Sub-Mount RMT Freshwater Tank has some specific features you should consider:

- Manufactured of rotationally molded from durable polyethylene
- Actual capacity of 70 gallons
- Space-saving sub-mount design frees up space in your van
- Unlike over-wheel freshwater tanks, weight is evenly distributed, preventing premature wear on tires, shocks, and struts



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70 Gallon Submount (Underbelly) FWT

The HydraMaster 70 Gallon Sub-Mount RMT Freshwater Tank has some specific features you should consider:

- Standard Flojet® bladder in-line pump reduces pulsing, and reduces cycling of diaphragm pump
- Translucent material allows for easy determination of whether the tank is full and fill-up is controlled by 1" overflow hose on the back of the tank
- Access port at the back of the tank allows for easy clean-out and inspection
- Can be configured for a Boxxer 318, Boxxer 318HP, Boxxer 323HP, Boxxer 421, and Boxxer 423S, TITAN 325, & TITAN 425



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85 Gallon SubMount Freshwater Tank

Dual purpose: Can be mounted under your truckmount OR under your HydraMaster hose reel combination

Sleek, elegant, and time-saving; the HydraMaster 85 Gallon SubMount Freshwater tank has a roto-molded tank and is constructed with a no-rust, powder coated steel frame. This freshwater tank is rich with features:

- ✓ easy access fill shut off valve
- ✓ connections for vacuum hose
- ✓ drain valve
- ✓ pump out connections
- ✓ 46"W x 44"L x 12"H



Overflow port on top of tank is plumbed through the floor of the vehicle. In case the float valve fails, the water exits the vehicle instead of flooding the interior.

Your five gallon extraction rinse chemical jug fits snugly into the molded holder and the top left side of the tank.



With separately purchased **required** mounting kits, the 85 gallon SubMount Freshwater tank can fit securely under your Boxxer 318, 318HP, 423, XL, TITAN 325, TITAN 425 and TITAN 575. HydraMaster vacuum and pressure hose and combo hose reel configurations require no mounting kits.



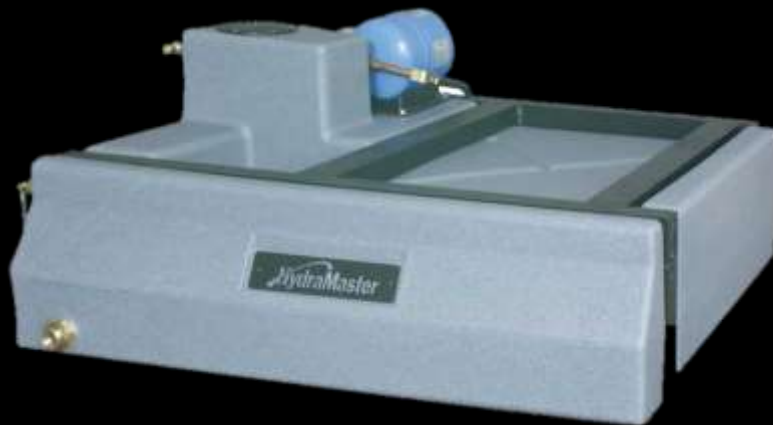
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85 Gallon SubMount Freshwater Tank

Dual purpose: Can be mounted under your truckmount OR
under your HydraMaster hose reel combination



85 Gallon Submount Freshwater Tank: Part # 000-159-118

Boxxer XL Mounting Kit: Part # 000-079-138

Boxxer 318, 318HP, TITAN 325 Mounting Kit: Part # 000-079-102

TITAN 575 Mounting Kit: Part # 000-079-125

Boxxer 423S, TITAN 425 Mounting Kit: Part# 000-079-092

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HYDRA-CRADLE Freshwater Tank/Hose Reel Combination



HydraMaster
Water Control Solutions

HydraMaster



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HYDRA-CRADLE Freshwater Tank/Hose Reel Combination

Maximize space in your van, improve your productivity, store and easily retrieve your hose, and have freshwater available at all times.

- With 125 gallons of freshwater instantly available, every job will be hassle-free. The durable, roto-molded rust resistant hose reels hold 200-250' of vacuum and solution (pressure) hose* with options to customize and expand your capacity.
- The electric vacuum hose reel provides for powered retraction (via a convenient footswitch) to reduce fatigue and time spent "tearing" down on the job site. The frame is constructed of high quality powder coated steel, stainless steel, and aluminum to reduce rust and corrosion.
- The Inlet water pump has up to 4.5 gpm capacity to continuously feed to the solution pump on your truckmount.
- Finally, the HydraCradle is also equipped with a convenient mounting station for your in-line injection sprayer.



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HydraMaster
Water Control Systems
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HYDRA-CRADLE Freshwater Tank/Hose Reel Combination

Maximize space in your van, improve your productivity, store and easily retrieve your hose, and have freshwater available at all times.

- The New Series HydraCradle has eliminated the live hook-up for your vacuum hose reel. The reel will now have a bearing on both sides that are held in place by two stainless steel collars. This enhancement allows for less tension on the axle allows for the end user to pull hose off easier
 - Lower amperage draw on the motor
 - Lowers torque on the belt and pulleys
 - Reduces maintenance on the axle
 - No loss of vacuum flow and cfm due to the air having to “travel” through 200-250’ of rolled up vacuum hose
- Another enhancement in the new series of the HydraCradle is the use of aluminum and stainless steel components and parts designed to reduce corrosion.
- Finally, the new series HydraCradle will have a next generation upgraded solution reel swivel



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HYDRA-CRADLE Freshwater Tank/Hose Reel Combination



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HydraMaster
Water Care Solutions

Heavy Duty Hose Reels



Heavy duty industrial strength powder coated steel provides durability not available with standard hose reels



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HydraMaster
Portable Extractors

Results Based Cleaning, Extraction, and Drying: *Restorative, Deep Cleaning*

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PEX 500

Heated Portable Extractor



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Mobile and Maneuverable

The PEX 500 is designed with the end user's needs in mind. Features like:

- The upright, dolly design with roller wheels allow for easy loading, unloading and stair climbing.
- The "Easy Transport" features of the PEX also crown it as the king of mobility. A special wand caddy is molded into the design of the machine. A retractable hose wrap holds your vacuum and solution hose. Cord wraps hold your electrical cords.
- Its ergonomic handles, even weight distribution, and compact size makes it maneuverable in tight spaces. It is the easiest high performance extractor in the world to move through a facility, reducing the chance of operator injury.
- All of these features combine to make the PEX easier to use for one person.



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Heated Portable Extractor

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Power, Performance, and Ideal for Noise Sensitive Environments

For performance, the PEX 500 has all the power and versatility you expect from a HydraMaster extractor to have and more!

- Dual 3-stage vacuums and on-demand 212°F heat from the industry leading 2000W heater provide unmatched cleaning power.
- 50-500PSI adjustable solution cleaning pressure
- The PEX is the perfect machine to pair with the RX20 NEXTGEN Rotary jet Extractor for restorative cleaning at higher cleaning rates.
- The smart dual circuit indicator light lets you know you are ready to clean without blowing any breakers.
- The PEX 500 is an incredibly quiet machine – ideal for noise sensitive environments!



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Easy to Use, Easy to Maintain

- Simple, intuitive controls require less training for the operator.
- The easy to access solution fill port is below knee level for easier filling.
- The sloped recovery tank allows for simpler wastewater emptying and easier tank clean-out. The innovative waste tank design also reduces foaming, speeds up cleaning and maximizes vacuum recovery.
- There are two heat settings for easy operation: High for carpet and Low for upholstery cleaning.
- The innovative solution pressure relief valve on the back of the machine allows for quick changing from one tool to another and speeds you up when shutting down.
- For maintenance, it doesn't get any easier than the PEX "clam-shell" design. Simply remove four screws and open the hinged tanks for full access to all internal components on the machine.
- environments!



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Elegant Simplicity with One Configuration

The PEX 500 has been designed to provide you with ultimate cleaning performance. It comes only in one configuration so you don't have to worry about what capacity solution pump, or what type of vacuum motor to use. We did your homework for you to bring you the highest rated heated extractor performance in its class, maximized for restorative, deep cleaning and extraction in all applications.



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Verified and Certified

But you don't just have to take our word for it, let the proven performance of the CRI Seal of Approval Gold certification speak for the power of the PEX! This certification also makes the machine verified for use in LEED Certified facilities.



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PEX 500

HIGH PERFORMANCE HEATED EXTRACTOR

BACK HOME!

Features and Benefits

- ✓ Dual 3 stage Vacuums: Dual vacuums with unrestricted airflow produce 200" waterlift for superior water recovery, industry first innovative fresh air intake for each vacuum improved vacuum life.
- ✓ Solution pump with easy to adjust pressures from 50 to 500psi with pressure regulator.
- ✓ Heater Element: In-line, after the pump for longer life and instant heat up to 212 °F at the wand tip, lifetime warranty. 2000W in-line heater has highest capacity in the industry. Two heat settings: High for carpet and Low for upholstery.
- ✓ Low Moisture System: Less water combined with higher heat means faster drying, less chance of shrinkage or wicking from the carpet pad or cushion.
- ✓ Smart Circuit Locator: Identifies separate lines to reduce blown circuits and downtime.
- ✓ Tanks & Bodies: Lightweight, rotationally molded with 5 year warranty against cracks, leaks and dents. Unique "clam-shell" design for easy maintenance.
- ✓ Low Noise: Low dB day-time-quiet operation with innovative sound deadening chamber.
- ✓ Top Warranty: Industry leading, 2 year parts and labor warranty standard on the PEX Series, 5 years on roto-molded tanks.
- ✓ Wand caddy, retractable cord wrap and large rear wheels make the PEX very easy to transport.



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"Deep cleaning with 60-90 minute dry times."
- Casino Maintenance Staff

"Combined with our RX20 and Evolution wand, we were knocking our 2,000 square feet per hour."
- Building Service Contractor

"A space and time saver! We can transport the PEX throughout our facility with ease because everything we need can be loaded right into it."
- Custodial Supervisor

"It saved my back! Because of its upright dolly design, it is so much easier to load and unload out of our van and lift up and down stairs."
- Cleaning contractor



	Specifications
Tank Capacity	12 gallon solution tank, 10 gallon recovery tank
Vacuum	Dual 5.7", 3-stage, in series
Vac Shutoff	Ball float
Pump	Positive displacement adjustable 50-500 psi
Waterlift	200'
Heat	Two heat settings: High (212°F) for carpet extraction, or Low (145°F) for upholstery
Heater	2000 Watts
Gauge	Glycerin filled pressure gauge
Solution Pressure Relief Valve	Turn switch conveniently located on back allows for quick change from one tool to another
Wheels	12" non-marking
Electrical Cords	2 each 25' detachable 12/3gauge, hospital grade plugs
Wand	Evolution Rotationally Molded Wand, twin tip for 500 psi
Dimensions	39"H x 25"W x 33"L
Weight	110 lbs.
CRI / SOA Certification	GOLD, LEEDS eligible
Part No.	56384887 – Machine only 56385431 – Machine with 25' of vacuum and Solution hose and 1.5' Evolution Wand

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For more information, and where to buy, visit:
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The TreadMaster™

Automatic Escalator Cleaner

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The TreadMaster™
Automatic Escalator Cleaner



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Cleans treads and moving walkways effortlessly

For over 25 years, TreadMaster has been the leading escalator and moving walkway cleaner worldwide. This self-contained, compact unit cleans and polishes unsightly stair treads.



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Unique, hands-off system

- Cleans and polishes in one continuous motion
 - First the brush cleans inside the tread step
 - Then the pad polishes the tread step
- Powerful vacuum collects all residue
- Brings back the original luster
- Cleans escalators and moving walkways effortlessly without needing staff supervision
- Uses 98% less labor than conventional methods
- Brush sizes available to fit 23", 24", 32" and 40" width escalators (most are 40")



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Automatic Escalator Cleaner

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TreadMaster cleaning is efficient

The ease of set-up and take-down makes cleaning escalator treads and moving walkways a “hands-off” job. TreadMaster frees up personnel to perform other tasks while the TreadMaster is at work. The built-in vacuum system, easily replaceable heavy duty polishing pad and nylon-grit brush ensures complete and thorough cleaning



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TreadMaster cleaning is safe

One-stop, automatic cleaning eliminates risky, manual cleaning procedures. TreadMaster removes unsafe substances from stair tread surfaces, reducing the risk of liability hazards for customers and employees.

TreadMaster also comes with a handy clip-on “ESCALATOR CLEANING IN PROGRESS” sign to deter escalator passengers.



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A simple three-step process

1. Simply position the TreadMaster at the bottom of the escalator
2. Lower the cleaning head into position
3. Activate the escalator.

Without any repositioning during any part of the cleaning process, TreadMaster cleans the tread width completely and thoroughly. Most escalators respond best to multiple hours of cleaning with the TreadMaster.

The TreadMaster does not clean the platform, risers (although a manual brush for the risers is included with your TreadMaster), and hand rails



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Features

- Durable, roto-molded construction
- Quiet riding wheels
- Replaceable polishing pads and brushes
- Crevice tool for hard to reach areas
- Each head is custom cut to fit 19.5" - 40" to accomodate most escalator models
- Available for moving sidewalks
- Low Maintenance

Specifications

Vacuum Motor

(2) 1-5/8 HP

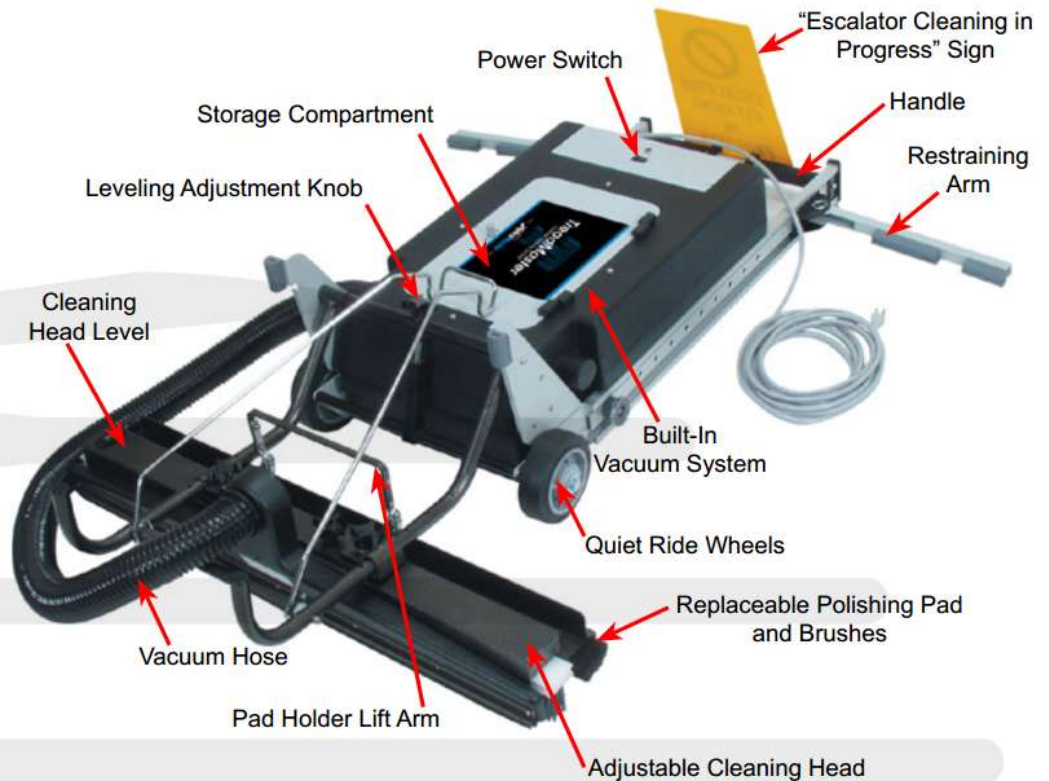
Power Draw

13.8 AMPS

Body:

21.5" x 31.5" x 47", 84 lbs.

All sizes also available in 220 volt.



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Automatic Escalator Cleaner

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Part Number	Description	Full Description
100-100-004	TM 110v Range 19.5" TO 22.5"	Includes: base machine, replaceable polishing pads, nylon grit brush, soft blue brush for painted escalators, power cord, "Cleaning in Progress" sign, crevice tool, riser brush, owner's manual.
100-100-001	TM 110v Range 23.0" TO 26.0"	
100-100-006	TM 110v Range 26.5" TO 29.5"	
100-100-002	TM 110v Range 30.0" TO 33.0"	Head assemblies only. Use one base machine and order an extra head to clean a different width.
100-100-005	TM 110v Range 33.5" TO 36.5"	
100-100-003	TM 110v Range 37.0" TO 40.0"	
190-100-010	ASSY BRUSH & HEAD 19.5-22.5	
190-100-011	ASSY BRUSH & HEAD 23.0-26.0	
190-100-016	ASSY BRUSH & HEAD 26.5-29.5	
190-100-012	ASSY BRUSH & HEAD 30.0-33.0	
190-100-015	ASSY BRUSH & HEAD 33.5-36.5	
190-100-013	ASSY BRUSH & HEAD 37.0-40.0	
000-016-060	RISER BRUSH	Manually cleans the risers.
000-049-115	FILTER BAG-CLOTH- TREADMASTER	Filter Bag to capture debris.
000-078-201	SPARE PADS 24 INCH / 6 PER CAS	Replacement polishing pads come 6 in a pack.
000-078-203	SPARE PADS 32 INCH / 6 PER CAS	
000-078-205	SPARE PADS 40 INCH / 6 PER CAS	
101-100-040	BRUSH 19.5-22.5 TRDMR LGR MOD-LIGHT GREEN	Replacement brushes for painted escalators.
101-100-044	BRUSH 23.0-26.0 TRDMR LGR MOD-LIGHT GREEN	
101-100-039	BRUSH 26.5-29.5 TRDMR LGR MOD-LIGHT GREEN	
101-100-045	BRUSH 30.0-33.0 TRDMR LGR MOD-LIGHT GREEN	
101-100-038	BRUSH 33.5-36.5 TRDMR LGR MOD-LIGHT GREEN	
101-100-046	BRUSH 37.0-40.0 TRDMR LGR MOD-LIGHT GREEN	
101-100-034	BRUSH 19.5-22.5 TRDMR BL MOD-BLUE NYLON GRIT	Replacement brushes with nylon grit tip for unpainted escalators.
101-100-041	BRUSH 23.0-26.0 TRDMR BL MOD-BLUE NYLON GRIT	
101-100-036	BRUSH 26.5-29.5 TRDMR BL MOD-BLUE NYLON GRIT	
101-100-042	BRUSH 30.0-33.0 TRDMR BL MOD-BLUE NYLON GRIT	
101-100-037	BRUSH 33.5-36.5 TRDMR BL MOD-BLUE NYLON GRIT	
101-100-043	BRUSH 37.0-40.0 TRDMR BL MOD-BLUE NYLON GRIT	



The TreadMaster™
Automatic Escalator Cleaner

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We've Got Your Back



Made in the USA

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Escalator Tread Spot Cleaner

- Escalator Tread Spot Cleaner is an excellent product to use in conjunction with the TreadMaster. This fast acting spot cleaner is designed specially for use on aluminum escalator steps.
- It helps to remove oily and sticky spots and spills and gum that the brushes of the TreadMaster could not. You simply spray it on the spots and spills while the TreadMaster is working for best and fastest results. It can also be used in between TreadMaster cleanings for spot and spill treatment
- Escalator Tread Spot Cleaner is non-flammable and non-conductive so it can be used while motor and equipment are operating.



Part Number: 000-031-105
(12 - 20 ounce cans per case)

The TreadMaster™
Automatic Escalator Cleaner

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The TreadMaster™

Automatic Escalator Cleaner

For more information, and where to buy, visit:
<https://hydramaster.com/product/treadmaster/>

HydraMaster
Portable Extractors

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Choosing the right cleaning solution can make YOU the hero.



Results Based Cleaning, Extraction, and Drying: *Restorative, Deep Cleaning*






HydraMaster Cleaning Solutions

The Genesis of a New Clean

Carpet, Upholstery, and Hard Surface Floor Restorative Cleaning and Deodorizing Solutions

2020 Chemical Solutions Catalog



Unique Selling Points for Commercial Cleaners

100% Seal

- High performance makes it easy to use in any environment
- Superior cleaning performance, faster results, cutting back on water and labor
- Proven for maximum and often higher return on investment for your business
- 100% Satisfaction Guarantee

Safe

- They are non-toxic and safe for your people, your pets and your high pH equipment
- They are safe for your equipment and your floors
- They are safe for your equipment and your floors
- They are safe for your equipment and your floors

Save Money

- They are safe for your equipment and your floors
- They are safe for your equipment and your floors
- They are safe for your equipment and your floors
- They are safe for your equipment and your floors

100% Satisfaction Guarantee

- They are safe for your equipment and your floors
- They are safe for your equipment and your floors
- They are safe for your equipment and your floors
- They are safe for your equipment and your floors

Unique Selling Points



Do you want a Cleaning Guide at your fingertips?

Get the APP!

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Restorative Cleaning Procedures Guide.

Step by step mobile app to cleaning carpet, upholstery, hard surfaces, spot cleaning, pet odors and restorative deodorizing.



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Smartphone/Tablet Procedures App





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Blitz GreaseBreaker

Heavy Duty Powdered Carpet Pre-Spray

Recommending our famous solvent cleaning formula, Blitz with Grease Breaker gives us work immediately breaking down and dissolving heavy built up oil based soiling. This exceptional powder pre-spray will treat the greasy soil and right before your eyes.

Concentrated powder Blitz with GreaseBreaker will cut through the worst greasy, oily soils faster and easier.



- This formula incorporates our famous solvent cleaning formula GreaseBreaker. It's a blend of solvent cleaning agents and buffers that quickly dissolves and encapsulates the "residue" of oil.
- Heavy-duty formula doesn't need a neutralizer wash time.
- The versatility of Blitz with GreaseBreaker will allow you to effectively clean kitchen and restaurant carpets, as well as high soil environments like hallways and DFC applications.
- Blitz with GreaseBreaker has a pleasant citrus fragrance that leaves a fresh clean smell in the room without losing effectiveness.
- Being a super concentrate powder, Blitz with GreaseBreaker will save you money. It dissolves quickly and easily.

- Using GreaseBreaker:**
1. Prevacuum all soiling areas in an appropriate and safe environment.
 2. Apply GreaseBreaker using Blitz with GreaseBreaker with an injection nozzle to take advantage of suction pressure and heat created by your high performance portable extractor or truckmount. You can also use a "pump-up" pressure sprayer, or electric or battery powered sprayer. Apply in even overlapping patterns.
 3. Blitz with GreaseBreaker has a pleasant citrus fragrance that leaves a fresh clean smell in the room without losing effectiveness.
 4. After carpet dries, vacuum. Allow 2-4 hours to dry. Do not allow traffic on carpet until completely dry.
 5. For faster cleaning and thorough distribution and agitation of pre-sprays/preconditioners/traffic lane cleaners, consider using mechanical or manual carpet grooming or brushing tool.
 6. For faster drying, normally 10-15 minutes, consider the use of a dehumidifier.
 7. For faster drying, normally 10-15 minutes, consider the use of a dehumidifier.



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Product Information Sheets



Residential Carpet Cleaning Basic Procedures

1 Pre-vacuuming of all areas to be cleaned is recommended prior to beginning cleaning procedures.



2 Always pre-test all cleaning solutions in an inconspicuous area for colorfastness prior to application.

3 Select the right prespray/preconditioner/traffic lane cleaner based on fiber content, traffic and soiling conditions, and cleaning frequency.

4 For increased efficiency, apply presprays/preconditioners/traffic lane cleaners with injection sprayer to take advantage of solution pressure and heat created by your high performance portable extractor or truckmount. You can also use a "pump-up" pressure sprayer, or electric or battery powered sprayer. Apply in even overlapping patterns.



5 For faster cleaning and thorough distribution and agitation of pre-sprays/preconditioners/traffic lane cleaners, consider using mechanical or manual carpet grooming or brushing tool.



Continues



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Interactive Cleaning Procedures Guide



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HYDRAMASTER CHEMICAL PRODUCT COMPARISON												
Carpet Cleaning Chemicals - Revised 04/29/2017												
Chemical Type	HydraMaster	HydraMaster	HydraMaster	HydraMaster	HydraMaster	HydraMaster	HydraMaster	HydraMaster	HydraMaster	HydraMaster	HydraMaster	HydraMaster
Carpet Maintenance	02000000	Blue Shark	Blue Shark	Blue Shark	Blue Shark	Blue Shark	Blue Shark	Blue Shark	Blue Shark	Blue Shark	Blue Shark	Blue Shark
	02000000	Blue Shark	Blue Shark	Blue Shark	Blue Shark	Blue Shark	Blue Shark	Blue Shark	Blue Shark	Blue Shark	Blue Shark	Blue Shark
	02000000	Blue Shark	Blue Shark	Blue Shark	Blue Shark	Blue Shark	Blue Shark	Blue Shark	Blue Shark	Blue Shark	Blue Shark	Blue Shark
	02000000	Blue Shark	Blue Shark	Blue Shark	Blue Shark	Blue Shark	Blue Shark	Blue Shark	Blue Shark	Blue Shark	Blue Shark	Blue Shark
Carpet Maintenance	02000000	Blue Shark	Blue Shark	Blue Shark	Blue Shark	Blue Shark	Blue Shark	Blue Shark	Blue Shark	Blue Shark	Blue Shark	Blue Shark
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Carpet Maintenance	02000000	Blue Shark	Blue Shark	Blue Shark	Blue Shark	Blue Shark	Blue Shark	Blue Shark	Blue Shark	Blue Shark	Blue Shark	Blue Shark
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	02000000	Blue Shark	Blue Shark	Blue Shark	Blue Shark	Blue Shark	Blue Shark	Blue Shark	Blue Shark	Blue Shark	Blue Shark	Blue Shark

Competitive Comparison "Like Product" Chart

SAFETY DATA SHEET	
BLITZ WITH GREASEBREAKER	
SECTION 1 - PRODUCT IDENTIFICATION	
PRODUCT NAME:	BLITZ WITH GREASEBREAKER
PRODUCT USE:	Product is a solution for spot/stain removal.
SUPPLIER'S ADDRESS:	HYDRAMASTER CORP. 22005 27TH AVE N, MINNETONKA, MN 55345 800.426.1301
EMERGENCY RESPONSE PHONE:	800.426.1301
SECTION 2 - HAZARD IDENTIFICATION	
CLASSIFICATION OF THE SUBSTANCE OR MIXTURE:	<p>1000 Corrosive (acidified)</p> <p>1010 Corrosive (skin irritation)</p> <p>1020 Corrosive (serious eye irritation)</p>
HAZARD PICTOGRAM:	
HAZARD STATEMENTS:	<p>H310 May be harmful if swallowed.</p> <p>H314 Causes skin irritation.</p> <p>H330 Causes serious eye irritation.</p>
PRECAUTIONARY STATEMENTS (P-Statements):	<p>P201 P202 Hazardous if swallowed. Keep out of reach of children.</p> <p>P273 Do not release into the environment. Avoid contact with water.</p> <p>P301 P312 If swallowed, rinse mouth with water. Seek medical attention if symptoms persist.</p> <p>P302 P352 If on skin, wash thoroughly with soap and water.</p> <p>P303 P361 P353 If contact with eyes, rinse immediately with plenty of water. Seek medical attention if irritation persists.</p> <p>P305 P351 P338 If in eyes, hold eyes open. Rinse thoroughly with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P308 P313 If exposed to or contaminated with, wash exposed areas with plenty of water. Seek medical attention if irritation persists.</p> <p>P310 If swallowed, get medical attention immediately.</p> <p>P312 If swallowed, get medical attention immediately.</p> <p>P314 If irritated or inflamed, seek medical attention immediately.</p>
ADDITIONAL INFORMATION:	<p>1000 Corrosive (acidified)</p> <p>1010 Corrosive (skin irritation)</p> <p>1020 Corrosive (serious eye irritation)</p>

Safety Data Sheets

FIBER IDENTIFICATION TEST (BURN CHART)			
Fiber	Flame (Color, Action, Smokes)	Odor	Ash (Shape, Color, Hardness)
Acetate	Stitching	Acetic Acid	Irregular, Black, Crumbles Easily in a Fine Powder, Straggly Ash
Acrylic	White, Orange Spatters, Black	Harsh Acid, Charred Meat	Irregular, Black, Fused Clump, Crumbly
Cotton	Slow-Burning Ember, Flame Yellow, or Amber	Burning Paper	Gray Ash, Fluffy
Nylon	Blue Bees and Orange Top, Even, None	Coily or Sealing Wax	Round and Bead-Like, Gray-brown to Black, Hard
Polyester (Terylene)	Orange, Scalding, Black	Sweet, Overripe Fruit	Roundish, Shiny, Black, Hard, Not Crumbly
Polypropylene (Olefin)	Blue Bees & Orange Top, Even, None	Asphalt or Burning Plastic	Round and Bead-Like, Gray-brown to Black, Hard
Rayon	Orange, Slow-Burning Ember, Rapid Burning Flame	Burning Paper	No Ash, No Bead
Wool	Orange, Goes Out When The Flame is Removed	Burning Hair	Black Irregular & Chunky Clumps

LIQUID DILUTION INSTRUCTIONS		
Mix Ratio	Ounces Per Gallon	Water Dilution Spreader Dilution (Yellow - 1.9 lb. 5 quart container)
1 to 4	32 oz per gallon	Remove yellow top - add 5 gal solution into 5 gal container
1 to 8	16 oz per gallon	Put 5 gal solution into 5 gal container
1 to 10	12.8 oz per gallon	Mix one gallon of solution with 10 gal water into 5 gal container
1 to 12	9.6 oz per gallon	Mix 100 ounces of solution with 54 oz water into 5 gal container
1 to 16	6.4 oz per gallon	Mix 3.5 gal solution (180 ml) with 2.5 gal (98 oz) water into 5 gal container
1 to 24	5.3 oz per gallon	Mix 63 oz solution with 107 oz water into 5 gal container
1 to 32	4 oz per gallon	Mix 40 oz solution with 120 oz water into 5 gal container
1 to 40	2 oz per gallon	Mix 20 oz solution with 145 oz water into 5 gal container
1 to 128	1.6 oz per gallon	Mix 10 oz solution with 195 oz water into 5 gal container

POWDER DILUTION INSTRUCTIONS	
2 powder oz per gallon	Mix 10 powder oz of solution with five quarts of hot water into 5 gal container
4 powder oz per gallon	Mix 10 powder oz of chemical with 5 gal of hot water into 5 gal container

BOOSTING INSTRUCTIONS/DILUTIONS	
HydraMaster CT	Add two ounces to each mixed gallon of prepolymer.
GreaseBreaker	For injection applicator, add 5 powder ounces to mixed prepolymer in 5 gal container. Add two ounces to each mixed gallon of prepolymer.
	For injection applicator, add 5 ounces to mixed prepolymer in 5 gal container.

Laminated Wallet Mixing Guide/Fiber ID-Burn Chart



Choosing the right cleaning solution can make YOU the hero.



There are a lot of different organizations who seem to want to be evolution-how-correct-cleaning-chemicals-are-made-these-days. Carpet manufacturers, product and "green" certification groups, and industry training organizations all seem to have something to say, as well as environmental or regional "guidelines." Many cleaning solution manufacturers have been used to business and changed formulations trying to "fit in."

At HydraMaster, our cleaning solutions exist to be the very best when it comes to our formulations - you, the professional cleaner and restorer. You have to answer first and foremost to your customers. You are judged primarily by how well you improve the appearance of the carpet, upholstery, or hard surface, and how long it stays clean after you have left. Your customer needs to be thrilled by how effective you are and nothing beats the "10' eyeball test."

Here, HydraMaster formulates cleaning solutions that allow you to clean faster, dry faster, and meet rapid re-cleaning. It considers the input and guidelines of industry professionals. But we formulate solutions primarily for you. When we can help make YOU the HERO with your customer, we know we have done our job.

The Genesis of a New Clean

Specifically formulated to meet the demanding and often-grating needs of the professional carpet cleaner and restorer. Since we make the equipment, we formulate products that will synergistically work most effectively at cleaning, while protecting your equipment investment.

In the same time, the chemical and product manufacturers at HydraMaster knew they have to develop cleaning products that provide their customers with industry leading efficiency and performance when it comes to cleaning effectiveness, resistance to re-soiling, preventing re-soiling, and reducing overall drying times.

For your free copy of our complete HydraMaster Chemical Solutions catalog

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Get the APP! Restorative Cleaning Procedures Guide. **FREE!**

Use by step mobile app to cleaning carpet, upholstery, hard surfaces, and cleaning air odors and removing staining. Download on the App Store or Google Play.



Print Ad

Blitz^{with} GreaseBreaker

Heavy Duty Powdered Carpet Pre-Spray

Concentrated powder Blitz with GreaseBreaker will cut through the worst greasy, oily soils faster and easier.

Part # 850-146

PRE-SPRAY
RTU pH 12.0-12.5
Synthetic Commercial
Carpets
Extremely Soiled
Residential Carpets

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HydraMaster CLEANMaster Carpet Cleaning Solutions Dilution and Mixing Reference Guide

Preparays

No-Park Solutions - Extraction Detergents and Neutralizing Phases

Carpet Protection

Boosters for Preparays

Low Moisture Encapsulants

Deodorizer

<https://hydramaster.com/chemicals/>

HydraMaster CLEANMaster Carpet Cleaning Solutions Application Guide

CARPET CLEANING - SOLUTION APPLICATION CHART

Product Name	Residential Carpet	Commercial Carpet	Hard Surfaces	Upholstery	Spot & Stain	Odor Control	Deodorizer	Carpet Protection	Low Moisture Encapsulants	Deodorizer
Preparays										
Extraction										
Boosters for Preparays										
Low Moisture Encapsulants										
Deodorizer										
Carpet Protection										
Spot & Stain										
Odor Control										
Upholstery										
Commercial Carpet										
Residential Carpet										

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HydraMaster

CLEANING PROCEDURE GUIDES

- Residential Carpet Cleaning Guide
- Commercial Carpet Cleaning Guide
- Hard Surfaces Cleaning Guide
- Spot & Stain Removal Guide
- Odor Control Cleaning Guide
- Upholstery Cleaning Guide
- Oriental Rug Cleaning Guide

Website Procedures Guide

Mixing and Dilutions Charts Application Guides



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HydraMaster Holiday Spot and Spill Clean-Up Guide
An Emergency Spot & Stain Removal Guide for Professional Carpet Cleaners
2019 Edition

SPOTS ON YOUR REPUTATION ARE THE HARDEST TO REMOVE



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Chemical Solutions



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SPOOKY SPOTS AND SPILLS – Apple Cider (Spiced, Hot or Cold)

1. Blot as much of the liquid spill up as you can with a clean, colorfast cotton towel, or extract the area.
2. Apply *SpotMaster Pro XP* to the spot and allow to dwell for 2-3 minutes. Agitate in with spotting spatula.
3. Extract the area with hot water or blot the spot with absorbent towel and very hot water.
4. Repeat application if necessary.
5. If discoloration remains, apply *KnockOut1*. Accelerate with heat from iron or steamer. Allow to dwell 2 minutes.
6. Extract area with water or blot area clean with moist absorbent towel.



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Distributor for more information

HydraMaster
Chemical Solutions



Seasonal Spotting Guides

CLEANMaster HydraMaster



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Authorized Distributor



- Restorative Cleaning Solutions for**
- Hot Water Extraction Carpet Cleaning • Low Moisture Carpet Cleaning • Upholstery and Fabric Cleaning
 - Oriental Rug Cleaning • Fabric Protection • Spot & Stain Removal • Pet Urine Stain and Odor Control
 - Restorative Deodorization • Tile & Grout • Natural Stone • Finished and Polished Concrete

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Showroom Banners

The Genesis of a New Clean

Carpet, Upholstery, and Hard Surface Restorative
Cleaning and Deodorizing Solutions



Restorative Cleaning Solutions for

- Hot Water Extraction Carpet Cleaning
- Low Moisture Carpet Cleaning
- Upholstery and Fabric Cleaning
- Oriental Rug Cleaning
- Fabric Protection
- Spot & Stain Removal
- Pet Urine Stain and Odor Control
- Restorative Deodorization
- Tile & Grout
- Natural Stone
- Finished and Polished Concrete



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Ultra Concentrated Liquid Carpet Cleaning Extraction Detergent



HydraClean is a liquid ultra-concentrated blend of solvents, surfactants and emulsifiers designed to tackle the challenges of today's professional carpet cleaner. Used in conjunction with your favorite pre-spray, HydraClean completes the maximum soil removal, minimum residue cleaning process of the professional hot water extraction cleaning, virtually eliminating re-soiling issues common to many carpet cleaning solutions. HydraClean allows you to use your solution pressure to remove soil that is deeply embedded into the carpet pile with emulsifiers that hold the soil in suspension for easy removal.



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Try MultiPhase and you'll sing its praises too

Triple Action Bonding, Encapsulating & Abrabbing
Odor Counteractant



1/3 of the price of other products

"Quite simply the best pet urine odor counteractant I have ever used." - Technician, Premium Carpet Care

HydraMaster customers across the country sing the praises of our award winning MultiPhase Odor Counteractant. It is popular for two main reasons - it's highly effective and customers love the scent. This contact-deodorant is perfect for effective elimination of dog and cat urine odors and a variety of other tough organic and non-organic odors. MultiPhase can be fogged, sprayed, injected, or used as an additive in your prespray. Best of all MultiPhase is super-concentrated and economical.

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SoilBreak

Found by pound, the strongest soil removing carpet prespray in the world today



Light flake mixture makes it easier to mix than other powder enzyme presprays
Alkaline resistant enzyme breaks down protein soiling and food based grease
Perfect for restaurants and other trashed carpets with food based grease build-up
Less than 60 cents per mixed gallon

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ATTACK THOSE TRASHED CARPETS WITH...

Blitz with GreaseBreaker

Heavy Duty Carpet Prespray

Incorporating our famous solvent cleaning booster, Blitz with GreaseBreaker goes to work immediately breaking down and dissolving heavy built up oil based soiling. This economical powder pre-spray will melt the grimey soil away right before your eyes.



Try Blitz with GreaseBreaker today!

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Try ClearWater Rinse and leave your customer's carpet squeaky-clean!

Your final extraction rinse should leave your customer's carpet squeaky clean, smelling refreshed, with a softer feel, pH neutralized and it should look clean longer.

Oh yeah, it also needs to be able to dissolve and quickly drying that your prespray couldn't reach.

Can you say your rinse does all that?



Using ClearWater Rinse as your final extraction detergent and neutralizing rinse allows you to sleep clean better than conventional acid rinses with encapsulating presprays and polyureth to help the carpet stay cleaner longer.

Try ClearWater Rinse from... HydraMaster

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Have an upset child over spilled Kool-Aid?

Stains caused by children's fruit drinks, sports drinks, frozen popsicles, and more can be eliminated.



RedBreak 1 is a revolutionary breakthrough in stain removal science. Utilizing restocking and polymer technology, RedBreak 1 alters the structure of difficult stains by removing them or ripping them from the fiber.

RedBreak 1 is a one shot system that requires no rinsing and no waste of product.

Try RedBreak 1 from... HydraMaster

www.HydraMaster.com



Introducing

MAXXTREME Prespray

MAXXTREME Prespray is **THE FIRST CHOICE** for **LAST RESORT** Cleaning for synthetic carpet and ceramic or porcelain tile.

It isn't just for restorative cleaning, it's for resurrection cleaning.

You know the jobs I am talking about:

- People who could easily star on the television show hoarders
- The guys and gals who rebuild their motorcycle engines... in their living room, because it is too cold outside.
- That restaurant that has apparently never heard of using a degreaser in their kitchen.
- Folks who don't take very good care of their floors and expect you to perform a miracle



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Introducing

MAXXTREME Prespray

MAXXTREME Prespray is **THE FIRST CHOICE** for **LAST RESORT** Cleaning for synthetic carpet and ceramic or porcelain tile.

Why a powder?

- More cleaning power packed inside
- You aren't paying to ship water
- Mixed according to directions, MAXXTREME will cost you only around 70 cents per mixed gallon

The carpet manufacturers and interior designers have not done us any favors by moving so many people into polyester, olefin, or triexta carpets that don't clean up as well as nylon. But you have to work as fast as you always have in cleaning. MAXXTREME will help you still get that night and day difference in cleaning your customers have come to expect.



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Introducing

MAXXTREME Prespray

MAXXTREME Prespray is **THE FIRST CHOICE** for **LAST RESORT** Cleaning for synthetic carpet and ceramic or porcelain tile.

It has a ready to use pH of 11.5-12, comes packed in a case of 4 four – 6.5# jars, and is available from your local HydraMaster distributor. You might even be able to pick up a free sample at an upcoming event to try it out!

The part # is 950-148-B and we will be taking orders **AND** shipping at the distributor conference.

Contractor price is \$ 145.50 per case.



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Blitz with GreaseBreaker



Heavy Duty Powdered Carpet Pre-Spray

Incorporating our famous solvent cleaning booster, Blitz with Grease Breaker goes to work immediately breaking down and dissolving heavy built up oil based soiling. This economical powder pre-spray will melt the grimy soil away right before your eyes.

Concentrated powder Blitz with GreaseBreaker will cut through the worst greasy, oily soils faster and easier.



- This formula incorporates our famous solvent cleaning booster, GreaseBreaker, into a blend of alkaline cleaning agents and builders that quickly dissolves and emulsifies the heaviest of soil.
- Non-enzyme formula doesn't need extended dwell time
- The versatility of Blitz with GreaseBreaker will allow you to effectively clean trashed and neglected carpets, as well as high soil environments like restaurants and dirty apartments.
- Blitz with GreaseBreaker has a pleasant citrus fragrance that leaves a fresh clean smell to the room without being overpowering.
- Being a super concentrate powder, Blitz with GreaseBreaker will save you money. It dissolves quickly and easily.

Mixing Directions:

1. Always pre-test all cleaning solutions in an inconspicuous area for colorfastness prior to application.
2. For increased efficiency, apply Blitz with GreaseBreaker with an injection sprayer to take advantage of solution pressure and heat created by your high performance portable extractor of choice. You can also use a "pump-up" grease sprayer, or electric or factory powered sprayer. Apply at even low-foaming settings.
3. Mix 2.5 oz. per gallon of hot water for pump-up sprayer. For an in-line injection sprayer, mix 12 oz. of chemical per 5 quarts of hot water. Strain well for complete mixing.
4. Spray evenly across the carpet. Allow 3-5 minutes for dwell time. Do not allow to dry.
5. Extract with a compatible alkaline extraction detergent or post-injection cleaning resin. For hydro cleaning, pre-soaking, and more effective soil removal, extract with the H100 Heavy Duty Extractor Tool. In furniture, drapes, and upholstery use the G60A-01 cleaning wand.
6. For faster drying, especially in humid environments, consider the use of an airtight, dehumidifier or dehumidifier in rooms after cleaning.

Available in:
6.5 Pound Jar, Case of 4 x 6.5 Pound Jar and
30 Pound Pail
Part # 820-146



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Made in the USA



Attack those trashed Carpets using Blitz with GreaseBreaker
Heavy Duty Carpet Pre-spray

This formula incorporates our famous solvent cleaning booster, GreaseBreaker, into a blend of alkaline cleaning agents and builders that quickly dissolves and emulsifies the heaviest of soil. Blitz is a non-enzyme mixture so it does not require long dwell times to break down the grimest soil.

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Ready for Battle?

Epic cleaning performance even under the most challenging cleaning conditions!

Some day, the kitchen will address the most difficult cleaning conditions. Some day, the kitchen will address the most difficult cleaning conditions. Some day, the kitchen will address the most difficult cleaning conditions. Some day, the kitchen will address the most difficult cleaning conditions. Some day, the kitchen will address the most difficult cleaning conditions.

Also available at your authorized HydraMaster distributor.
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Soil Break



High Powered Powder Enzyme Carpet Pre-Spray

Soil Break is an ultra-concentrated powder that is ideal for pre-spraying of restaurant carpets, automotive repair centers, and other carpets that are subjected to massive amounts of oil and grease based soiling.

Soil Break is a synergistic concentration of enzymes, solvents, surfactants and builders that work together to tackle the most stubborn build-up of caked on oil, grease, protein and sticky soils in the most challenging environments.

- Unlike some enzyme pre-sprays that are sensitive to alkalinity and extremely hot water, SoilBreak contains a combination of enzymes that can be used in conjunction with your truckmount and/or high performance portable extraction equipment.
- This unique combination of enzymes works to accomplish the task in less time than with conventional enzyme pre-sprays. SoilBreak breaks down surface tension fast, allowing detergents and other agents to clean deep down.

Directions:

Please read the full label directions before cleaning.

1. Pre-treat all heavily soiled areas or entire carpet areas with SoilBreak as soon as possible prior to application.
2. For increased efficiency, apply SoilBreak with pressure sprayer to take advantage of solution agitation and heat created by your high performance portable extractor or truckmount. You can also use a "dunk-and-spray" or "spray-and-dunk" method. Apply to entire soiling pattern.
3. Mix SoilBreak at a rate of 2 oz. per gallon of hot tap water in a pump-up sprayer. In a 4000 psi truckmount sprayer, mix 10 oz. into 5 gal. of hot tap water.
4. Pre-spray SoilBreak on the traffic areas and let dwell for 2-10 minutes.
5. Extract with a compatible alkaline extraction detergent or soap/deterging agent. For best cleaning, reduced fatigue, and more effective soil removal, extract with the RH-30 Rotary Extraction Tool. In furniture dense environments use the Evolution cleaning wand.
6. For faster drying, especially in humid environments, consider the use of air flow, portable or ductless air mover after cleaning.



Available in: 5.5 Pound Jar, Case of 4 x 5.5 Pound Jar; 40 Pound Pail Part #: 950-120



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Made in the USA



SoilBreak

Found by pound, the strongest soil removing carpet pre-spray in the world today.

Light flake mixture makes it easier to mix than other powder enzyme pre-sprays. Alkaline resistant enzyme breaks down protein soiling and food based grease. Perfect for restaurants and other trafficked carpets with food based grease build-up. Less than 60 cents per mixed gallon.

Part # 950-120

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MAXX TREME

PreSpray



Heavy Duty Powdered Pre-spray For Extremely Soiled Carpeting and Tile

Some floors are simply so dirty and heavily soiled you just have to throw the works at them. That is what MAXXTREME is all about. By using the cleaning power of alkalinity and combining state of the art low foaming surfactants and grease busting solvents, it binds, emulsifies, dissolves, breaks down and melts away the grimeiest of soils.

MAXXTREME Prespray is your **FIRST CHOICE** for **LAST RESORT** Cleaning for synthetic carpet and ceramic or porcelain tile.

It isn't just for restorative cleaning, it's for resurrection cleaning.

You know the jobs I am talking about:

- People who could easily star on the television show hoarders
- The guys and gals who rebuild their motorcycle engines... in their living room, because it is too cold outside
- That restaurant that has apparently never heard of using a degreaser in their kitchen.
- Folks who don't take very good care of their floors and expect you to perform a miracle

Why a powder?

- More cleaning power packed inside
- You aren't paying to ship water
- Mixed according to directions, MAXXTREME will cost you only around 70 cents per mixed gallon

It has a ready to use pH of 11.5-12, comes packed in a case of 4 four - 5.5# jars, and is available from your local HydraMaster distributor. You might even be able to pick up a free sample at an upcoming event to try it out!



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Quake HD



High Definition Cleaning Carpet Prespray & Traffic Lane Cleaner

Uncompromising cleaning power is now available in a VOC compliant formula with Quake HD. Quake HD is a VOC compliant formula that contains the industry exclusive component Tritano™ - an integrated blend of specialized polymers, organic sequestrants, and surfactants.

The perfect carpet prespray for filthy, trashed, and neglected carpeting. Ideal for commercial carpets and rental units.

- With the unsurpassed cleaning power and performance of Tritano™, experience deep restorative cleaning in high definition.
- Quake HD is a VOC compliant formula that contains the industry exclusive component Tritano™ - an integrated blend of specialized polymers, organic sequestrants, and surfactants.
- Uncompromising cleaning power in a VOC compliant formula.
- Quake HD is a super-concentrated pre-spray, designed to be used in 1 part solution to 8 to 24 parts water depending upon soiling.
- Contains anti-resoling additives which keep the carpet cleaner longer and does not leave sticky residue.



Directions:

- Please read the full label directions before cleaning.
1. Always pretest all cleaning solutions in an inconspicuous area for colorfastness prior to application.
 2. For increased efficiency apply Quake HD with injection sprayer to take advantage of solution pressure and heat created by your high performance portable extractor or steamhead. You can also use a "pumpup" pressure sprayer, or electric or battery powered carpet. Apply in cross-hatch pattern.
 3. Presoak with 3 part Quake HD mixed 24 parts hot water. For concrete soiling, mix Quake HD 1 part solution to 8-12 parts water. For residential injection sprayer, mix 1 part water with 4 parts of Quake HD into 8 part solution.
 4. For carpets with high levels of oxidized oils and grease and all contaminants, consider boosting by adding 2 ounces of CitrusBuster with each 1000 gallon of 2-gal HD.
 5. Repeat. Add a compatible alkaline extraction detergent or neutralizing time. For best cleaning, reduced fatigue, and also effective soil removal, extract with the 800-20 Rotary Extraction Tool. In hostile dirty environments use the Evolution cleaning wand.
 6. For faster drying, especially in humid environments, consider the use of an air-dry, dehumidifier, or dehumidifier or moisture absorber.



Available in: 1 Gallon, Case of 4 x 1 Gallon, 5-Gallon Bucket, Part # 800-127



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Made in the USA



Quake HD

The New Standard of High Definition Carpet Prespray & Traffic Lane Cleaner



It dissolves and cuts through oxidized oils and grease without the use of harsh solvents and is excellent at emulsifying particulate soils. Quake HD will quickly remove the toughest soils found in restaurants, apartments, and restoration cleaning jobs.

Quake HD will help you to restore the appearance of dirty and neglected carpets and make you the hero in the eyes of the customer. Formulated to be used on synthetic carpet, specifically, nylon that require constant cleaning.



Part # 800-127



www.hydramaster.com | 800.426.1301 | 425.775.7272

Quake HD

High Definition Carpet Prespray & Traffic Lane Cleaner

We've Created a new standard

STRONGER
TRITANO™
1+1=3
Cleaning

Uncompromising cleaning power is now available in a VOC compliant formula with Quake HD. Quake HD is a VOC compliant formula that contains the industry exclusive component Tritano™ - an integrated blend of specialized polymers, organic sequestrants, and surfactants.

With the unsurpassed cleaning power and performance of Tritano™, you will experience deep restorative cleaning in high definition.

Try Quake HD from HydraMaster Today!

www.HydraMaster.com • 800.426.1301



800-127-8 Gal/Case
800-127-8 4 x 1 Gallon

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Quake



Heavy Duty Pre-Spray & Traffic Lane Cleaner

Quake is the perfect carpet prespray and traffic lane cleaner for filthy apartments, rental units, and commercial carpets. It is packed with uncompromising, hard-core cleaning chemistry.

Quake will cut through grimy grease, oil, food and beverage spills like they were not even there. It is packed with uncompromising, hard-core cleaning chemistry.

- The perfect carpet prespray and traffic lane cleaner for filthy apartments, rental units, and commercial carpets. It is also ideal for neglected and trashed residential nylon carpets.
- Quake is a super-concentrated pre-spray, and is designed to be used at 1 part solution to 8 to 24 parts water depending upon soiling conditions.
- Quake is low foaming, has a mild fragrance and rinses free of the carpet for low residue cleaning.



Directions

Always read the full label directions before cleaning.

1. Always pre-test all cleaning solutions in an inconspicuous area for colorfastness prior to application.
2. For maximum efficiency, apply Quake with trigger sprayer to take advantage of solution penetration and long contact. Use high performance particle strippers as alternative. You can also use a "poragard" pressure sprayer, or electric air backed powered sprayer. Apply in even overlapping pattern.
3. Pre-spray with 1 part Quake mixed 24 parts hot water. For extreme soiling, mix Quake 1 part solution to 8-12 parts water. For standard soiling sprayer, mix one quart water with two parts of Quake into 5-gallon container.
4. For carpets with high levels of color or grease and oil contamination, consider coating by adding two ounces of Greasebreaker with each mixed gallon of Quake.
5. Extract with a compatible alkaline cleaner detergent or alkaline/neutralizing rinse. For faster cleaning, residual buildup, and more effective soil removal, extract with the 500-200 Heavy Extraction fluid, in hazardous environments use the Evaporation cleaning liquid.
6. For faster drying, especially in humid environments, consider the use of an anti-microbial, or deodorant or flavor after cleaning.

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Available in: 1 Gallon, Case of 4 x 1 Gallon
Part # 950-125

Product cannot ship via air freight
This item can not ship to the following states: GA, CT, NC, DC, FL, IL, IA, MI, MN, MO, NY, ND, PA, RI, SC, VA, WI



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PolyBreak



PRE-SPRAY
pH 11.8-11.9
100% Biodegradable
Duke Hygiene, A
Triton Company

Olefin, Polyester, and Triexta Carpet Prespray and Preconditioning Agent

PolyBreak is specially formulated to effectively clean heavily soiled olefin, polyester, and triexta carpets with a specialized blend of surfactants, solvents, and emulsifiers that are designed to suspend, dissolve, dislodge, and emulsify, and lift oily soils.

PolyBreak meets and exceeds the exacting requirements for cleaning heavily soiled olefin carpeting. You can restore the appearance level of most lightly colored olefin carpets with this solution, including olefin berbers.

- You can restore the appearance level of most lightly colored olefin carpets with this solution, including olefin berbers. It will often effectively remove the yellow traffic lane discoloration that tends to appear on these types of carpeting.
- A synergistic blend of surfactants penetrates that water-repelling characteristic of olefin for effective removal of ground-in soiling.
- PolyBreak is a VOC compliant formula that contains the industry exclusive component Tritanol™ - an integrated blend of specialized encapsulating polymers, organic sequestrants, and specialty surfactants.

Directions:

1. Always read the full label directions before cleaning.
2. Always pretest always pre-test all cleaning solutions in an inconspicuous area for colorfastness prior to application.
3. For increased effectiveness, apply PolyBreak with an equispacer sprayer to take advantage of solution pressure and heat created by your high performance portable extractor or steamroller. You can also use a "trigger" pressure sprayer, or electric or battery powered carpet. Apply in small overlapping patterns.
4. Preparing with 1 part PolyBreak mixed with 32 parts hot water (4 gallons of solution mixed with one gallon of hot water). For extremely soiling and/or soiling, mix 1 part solution to 10 parts water. (If portion of solution with one gallon of hot water). For constant equispacer sprayer, the one part mixes with four gallons of water mix 1 quart solution.
5. Allow to dwell for 3-5 minutes.
6. Extract with a compatible efficient extraction detergent or acid-neutralizing agent. For better cleaning, reduced traffic, and more effective soil removal, extract with the 300-30 Rotary Extraction tool. If furniture (heavy environments) use the 100-30 Rotary Extraction tool.
7. For better drying, especially in heavy environments, consider the use of an acid neutralizer, or deodorant as noted on label.

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PRE-SPRAY

Having difficulty cleaning soiled olefin, polyester & triexta carpets? You need PolyBreak



PolyBreak is specially formulated to effectively clean heavily soiled olefin, polyester, and triexta carpets with a specialized blend of surfactants, solvents, and emulsifiers that are designed to suspend, dissolve, dislodge, and emulsify, and lift oily soils. This is so important with these types of carpet fibers because they are olefin fibers and allow spilled, tracked, and airborne oil and greases to soak into and penetrate the carpet fiber.



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Having difficulty cleaning heavily soiled olefin, polyester, and triexta carpets? You need PolyBreak!



PolyBreak is specially formulated to effectively clean heavily soiled olefin, polyester, and triexta carpets with a specialized blend of surfactants, solvents, and emulsifiers that are designed to suspend, dissolve, dislodge, and emulsify, and lift oily soils.



PolyBreak is a VOC compliant formula that contains the industry exclusive component Tritanol™ - an integrated blend of specialized encapsulating polymers, organic sequestrants, and specialty surfactants.

Try PolyBreak from...

HydraMaster
www.HydraMaster.com



100-30 Rotary
300-30 Rotary
4.1 Gallon

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FastBreak HD



High Definition Cleaning Carpet Prespray & Traffic Lane Cleaner

FastBreak HD is a VOC compliant formula that contains the industry exclusive component Tritanol™, an integrated blend of specialized polymers, organic synthetizers, and surfactants.

With the unprecedented cleaning power and performance of Tritanol™, you will experience deep restorative cleaning in high definition. It just works better at 32-64:1 dilution!

- Fast Break HD is a concentrated VOC compliant formula that contains the unprecedented cleaning power and performance of Tritanol™, you will experience deep restorative cleaning in high definition. It just works better!
- Fast Break HD is a special blend of surfactants, and is packed with soil busting, grease cutting and dissolving ingredients with an unbeatable cleaning power that out-clears competitive products.
- Highly effective on all synthetics fibers and commercial wool carpets.

Mixing Directions:

1. Always pre-test all cleaning solutions in an inconspicuous area for colorfastness prior to application.
2. For extraction/deterging, apply FastBreak HD with an injection sprayer to take advantage of solvent penetration and fast removal by hot high performance portable extraction or truck/mount. You can also use a "pump out", pressure washer, or electric or battery powered sprayer. Apply to stain, overlapping pattern.
3. For medium to heavy soiling, mix 1 part solution with 32 parts water (4 ounces to 1 gallon, 10 liters to 3.785 liters). For heavy soiling, mix 1 part solution with 64 parts water (2 ounces to 1 gallon, 10 liters to 3.785 liters). For standard non-floam sprayer, mix 1 quart solution with 4 quarts of water into 5 quart container.
4. For carpets with high levels of soiling or grease and oil contamination, consider boosting by adding 2 ounces of Grease-Buster with each mixed gallon of FastBreak HD.
5. Follow with a complete solvent extraction sequence of hot/cooling rinse, hot foam cleaning, reduced pH rinse, and more effective soil removal, extract with the RX-20 Rotary Extractor Tool.
6. For faster drying, especially in humid environments, consider the use of an axial centrifuge or overhead air mover when drying.



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Made in the USA



We've created a new standard with FastBreak HD Carpet Prespray



Fast Break HD is the most ultra-concentrated liquid pre-conditioning agent you can buy.

Fast Break HD is packed with soil busting, grease cutting and dissolving ingredients with an unbeatable cleaning power that out-clears competitive products – at a safe pH of 9.5. It has special thickening agents which allow it to contain 30% more active ingredients than other pre-sprays. At the standard dilution rate of 1:32, Fast Break HD melts grime so it has nothing left. On tightly soiled carpets, you can even dilute as much as 1:64 and it's still very effective.

As low as 60 cents per mixed gallon!

Part # 380-132



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FastBreak HD Carpet Prespray
We've Created a new standard...



FastBreak HD is the most ultra-concentrated liquid pre-conditioning agent you can buy. It is packed with soil busting, grease cutting and dissolving ingredients with an unbeatable cleaning power that out-clears competitive products – at a safe pH of 9.5. It has special thickening agents which allow it to contain 30% more active ingredients than other pre-sprays. At the standard dilution rate of 1:32, Fast Break HD melts grime so it has nothing left. On tightly soiled carpets, you can even dilute as much as 1:64 and it's still very effective.

1:64

100-132-5 Quarts
100-132-8 1.1 Gallon
100-132-8 1.1 Gallon

As low as 60¢ per mixed gallon!

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2x STRONGER
TRITANOL™
1+3
Dilution



FastBreak



Ultra Concentrated Carpet Pre-Spray

Quickly breaks down surface tension to allow detergents and rinse agents to clean deep down.

FastBreak is a special blend of surfactants, and is packed with soil busting, grease cutting and dissolving ingredients with an unbeatable cleaning power that out-cleans competitive products.



- FastBreak is an ultra-concentrated blend (32-64:1) of solvents, surfactants and builders that will make first work of even the toughest traffic lanes. FastBreak is a special blend of surfactants, and is packed with soil busting, grease cutting and dissolving ingredients with an unbeatable cleaning power that out-cleans competitive products – at a safe pH of 9.5.
- Concentrated 32:1 dilution rate, using 4 oz. per gallon of water
- Highly effective on nylon and olefin fibers
- FastBreak may be used with Grease Breaker for oily soils or other difficult carpet restorations.

Mixing Directions:

1. Always pre-treat all cleaning solutions in an inconspicuous area for colorfastness prior to application.
2. For maximum efficiency, apply FastBreak with an application jet to take advantage of solution pressure and foot control to your high performance portable vacuum or truck mount. You can also use a "pump-up" pressure sprayer, or electric or battery powered sprayer. Apply in cross-hatch pattern.
3. For moderate to heavy soiling, use one part solution with 32 parts water (foot control to a gallon, 52 liters to 3.785 liters). For lighter soiling use one part solution with 64 parts water (2 ounces to a gallon, 16 liters to 3.785 liters) for standard injection sprayer. Use one quart solution with two quarts of water into five quart container.
4. For soiling with high levels of embedded grease and oil contamination, consider foaming by adding two ounces of foam-boosting additive with each gallon of FastBreak.
5. Extract with a compatible alkaline extraction detergent or acid neutralizing agent. For faster cleaning, reduced fatigue, and more effective soil removal, extract with the RX-20 Heavy Extraction Tool in tandem with environment use the Coolant cleaning agent.
6. For faster drying, especially in "hot" climates, consider the use of an acid, conditioner, or deodorant re-rinse after cleaning.

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Release with OxyBreak



Carpet Prespray and Low Moisture Encapsulation Solution

Release with OxyBreak™ works extremely effectively as a low moisture encapsulation carpet cleaning solution, particularly on carpets exposed to a large amount of coffee spills.

The cleaning power of Release Carpet Pre-spray is increased with the addition of OxyBreak™ to synergistically enhance cleaning through the power of oxidation.

- The cleaning power of Release Carpet Pre-spray starts to work on contact to dissolve, dislodge, and encapsulate soil, grease, and oil for easier removal during the extraction process, without the use of any intentionally added solvents, phosphates or other additives which would disqualify its designation as a green cleaning solution.
- Release with OxyBreak™ works extremely effectively as a low moisture encapsulation cleaning solution when used as directed.
- Encapsulating polymers surround, and bond to soil allowing it to be removed from the carpet in subsequent vacuuming.
- Meets the standards of cleaning and care for all synthetic and most wool carpet, including warranted stain resistant carpet.
- It can be used as a spoting solution to effectively remove many beverage spills and stains, including coffee and tea.

Directions:

Please read the full label directions before cleaning.

Directions — For use as a carpet prespray:

1. Always pre-test all cleaning solutions on an inconspicuous area for colorfastness.

2. For maximum efficiency, apply Release with OxyBreak™ with an injection sprayer to take advantage of solution pressure and heat created by your high performance portable extractor or truckmount. Apply in even overlapping patterns.

3. Pre-spray with 1 quart Release with OxyBreak™ mixed with 24 parts hot water (5.3 gallons of solution with 1 gallon of water) for heavy soiling. For moderate soiling, mix 12 parts water (12 gallons of solution with 1 gallon of water). For standard injection sprayer, mix 1 quart water with 4 quarts of Release with OxyBreak™ (see 3 quart container).

4. Extract with CleanMaster™ Hot-Free Liquid Carpet Extraction Detergent.

5. For faster drying consider the use of an air mover. Complete air circulation is essential in carpet spot cleaning.



Available in: 1 Gallon, Case of 4 x 1 Gallon
Part # 800-405



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Release with OxyBreak Carpet Prespray



The cleaning power of Release Carpet Pre-spray works on contact to dissolve, dislodge, and encapsulate soil, grease, and oil for easier removal during the extraction process.

It does this without the use of any intentionally added solvents, phosphates, or other additives which would disqualify its designation as a green cleaning solution.

The free rinsing formula contains the HydraMaster exclusive Tritanoil™, which helps the carpet stay cleaner longer and eliminates rapid re-soiling. It works extremely effectively as a low moisture encapsulation or bonnet carpet cleaning solution when used as directed.

Part # 800-405



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HydraDri



Ultra-Concentrated Liquid Carpet Cleaning Extraction Detergent

HydraDri is an ultra-concentrated, heavy duty extraction detergent especially formulated to work at cleaning temperatures associated with truckmounts and heated portable extractors.

HydraDri contains a unique blend of solvents, detergents, and alkaline builders that break down and dissolve the toughest soils, while simultaneously softening the water for a cleaner, fresher, softer feel to the carpet after cleaning.

- HydraDri out-performs competitive products in side by side testing and is economical to use.
- HydraDri is highly concentrated, with anti-corrosive agents and low foaming properties, which makes it ideal to use in all hot water extraction units.
- HydraDri is a minimum residue cleaner, which allows for a longer lasting, higher level of appearance between professional cleanings.



Available in: 5.5 Pound Jar, Case of 4 x 5.5 Pound Jar, 40 Pound Pail
Part # 350-100

- Directions:
- Always pre-test all cleaning solutions in an inconspicuous area for colorfastness prior to application.
 - Shovel and apply the appropriate HydraMaster pre-conditioning pre-spray solution first.
 - For truckmounts, mix 2.5 pints of HydraDri into 5 gallons of warm water to make a stock solution. For heated portable extractors, set your solution flow rate at 2 to 3 gpm. For heavily soiled, neglected carpets, set your solution flow rate at 3 gpm. For portable extractors, mix 1-2 ounces of HydraDri with 5 gallons of water in your solution tank.
 - Extract carpet thoroughly making sure to draw down in heavy soiled areas and use a dry extracter to dry the carpet and reduce the water-pile. For final cleaning, reduced siltage, and more effective soil removal, connect with the RH-20 Rotary Extraction Tool. In order to derive maximum use from the Rotary cleaning head.
 - For stain drying, especially in humid environments, consider the use of an acid neutralizer in downpiles or areas after cleaning.
 - Each pound of HydraDri cleans up to 2,000 square feet.

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HydraDri
High-Performance Powdered Truckmount Extraction Detergent

HydraDri is an ultra-concentrated, heavy duty extraction detergent especially formulated to work at cleaning temperatures associated with truckmounts and heated portable extractors. HydraDri contains a unique blend of solvents, detergents, and alkaline builders that break down and dissolve the toughest soils, while simultaneously softening the water for a cleaner, fresher, softer feel to the carpet after cleaning.

100% GUARANTEE
If for any reason you are not completely satisfied with your purchase, we will provide a full refund.

HydraMaster

The best formula for the best clean!

HydraDri High-Performance Powdered Truckmount Extraction Detergent



HydraDri is an ultra-concentrated, heavy duty extraction detergent especially formulated to work at cleaning temperatures associated with truckmounts and heated portable extractors. HydraDri is a minimum residue cleaner, which allows for a longer lasting, higher level of appearance between professional cleanings.



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HydraDri - The formula for the best clean!

High-Performance Powdered Truckmount Extraction Detergent



HydraDri is an ultra-concentrated, heavy duty extraction detergent especially formulated to work at cleaning temperatures associated with truckmounts and heated portable extractors. HydraDri is a minimum residue cleaner, which allows for a longer lasting, higher level of appearance between professional cleanings.

Try HydraDri from... **HydraMaster**

800.426.1301 8 AM - 5 PM
800.426.1301 6 AM - 5:30 PM
425.775.7272 9 AM - 5 PM

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HydraFREE



Soap & Detergent Free Effervescent Carpet & Upholstery Cleaning Solution

Extraordinary cleaning results can be your expectation, while the soap and detergent free formula leaves the carpet squeaky clean and the free rinsing solution leaves the carpet refreshed with no sticky residue.

HydraFREE contains no harsh chlorinated solvents, surfactants, butyls, enzymes, bacteria, and bleach, yet it provides excellent cleaning results on carpet that has been exposed to high levels of grease, oil, and dirt.

- Extraordinary cleaning results can be your expectation, while the soap and detergent free formula leaves the carpet squeaky clean and the free rinsing solution leaves carpet refreshed with no sticky residue.
- It is odor-free at use, dilutes and leaves no sticky soap or detergent residues that can contribute to rapid re-soiling of the carpet after cleaning and spotting wick back.
- HydraFREE also uses the effervescent cleaning power of activated oxygen to assist in soil suspension and extraction.

Directions:

Pre-cleaning Preparation:

1. Always pre-test all cleaning solutions in an inconspicuous area for colorfastness prior to application.

2. Follow all directions carefully for best results.

As an extraction cleaning step:

1. For backroom treatment, mix 3 cups (7.5 pounds) of powder with five gallons of hot water. Mix well and use solution flow from extraction between 2-3 gpm. For portable extraction, mix 2 to 3 pounds per gallon with five gallons of water.

2. For faster cleaning, reduced labor, and more effective soil removal, extract with the 50X-20 Heavy Extraction Tool for furniture closer concentrations use the Extraction Cleaning Wand. As a carpet spot cleaning solution:

1. For heavy soiling, mix 1 ounce of powder with one gallon of hot water. For residues to light soil, mix 1-2 ounces of powder with one gallon of hot water.

2. For use with dry low leveler sprayer, mix 13 ounces of powder with five quarts of water. Use standard low rate of 1.5 gpm.

3. For faster cleaning, reduced labor, and more effective soil removal, extract with the 50X-20 Heavy Extraction Tool for furniture closer concentrations use the Extraction Cleaning Wand. As a low moisture foam cleaning solution:

1. Mix four ounces of powder with five gallons of hot water. Spray carpet and foam with rated water.

2. Shake or change bucket used when a soap absorbing soil.



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HydraFREE represents the newest technology in soap and detergent free carpet cleaning.



Extraordinary cleaning results can be your expectation, while the soap and detergent free formula leaves the carpet squeaky clean and the free rinsing solution leaves the carpet refreshed with no sticky residue. HydraFREE contains no harsh chlorinated solvents, surfactants, butyls, enzymes, bacteria, and bleach, yet it provides excellent cleaning results on carpet that has been exposed to high levels of grease, oil, and dirt.



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HydraFREE represents the newest technology in soap and detergent free carpet cleaning.



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Try HydraFREE from HydraMaster

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Hydra-Clean



Ultra-Concentrated Liquid Carpet Cleaning Extraction Detergent

Hydra-Clean completes the maximum soil removal, minimum residue cleaning process of the professional hot water extraction cleaning, virtually eliminating re-soiling issues common to many carpet cleaning solutions.

Hydra-Clean allows you to use your solution pressure to remove soil that is deeply embedded into the carpet pile with emulsifiers that hold the soil in suspension for easy removal.

- Hydra-Clean is safe to use on all colored synthetic carpet, warranted residential stain resistant carpets, and leaves a refreshing scent that says clean without overpowering.
- A gallon of Hydra-Clean is so concentrated it will make 300 gallons or more of ready to use cleaning solution and will clean up to 35,000 square feet of carpet.
- Hydra-Clean is a VOC compliant formula that contains the industry exclusive component Tritanol™ - an integrated blend of specialized encapsulating polymers, organic synthetizers, and surfactants.

Mixing Directions:

- Always pre-test all cleaning solutions in an inconspicuous area for colorfastness prior to application.
- Select and apply the appropriate Hydramaster pre-spray solution first.
- For portable units, mix Hydra-Clean at a rate of 2 oz. per 5 gallons of water. In truck-mounted units, mix 1 quart of Hydra-Clean with 5 gallons of water to make a concentrated solution. See your solution flow rates from 2 to 3 gpm.
- Always respect manufacturer's mixing ratios to avoid damage to rotary rollers and use a dry roller to dry the carpet and return it to normal condition. The faster cleaning, reduced fatigue, and more effective soil removal, achieved with the HX-30 Rotary Tool action. Test in furniture dense environments use the Evolution cleaning wand.
- For better slaying, respectively in humid environments, consider the use of an acid neutralizer or deodorant oil, versus other cleaning.



Available in 1 Gallon, Case of 4 x 1 Gallon and 5 Gallon Buckets
Part # 100-110

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Made in the USA



Ultra Concentrated Liquid Carpet Cleaning Extraction Detergent



HydraClean is a liquid ultra-concentrated blend of solvents, builders and emulsifiers designed to tackle the challenges of today's professional carpet cleaners. Used in conjunction with your favorite pre-spray, HydraClean completes the maximum soil removal, minimum residue cleaning process of the professional hot water extraction cleaning, virtually eliminating re-soiling issues common to many carpet cleaning solutions. HydraClean allows you to use your solution pressure to remove soil that is deeply embedded into the carpet pile with emulsifiers that hold the soil in suspension for easy removal.



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HydraMaster
Commercial Equipment

HydraClean

Ultra-Concentrated Liquid Carpet Cleaning Extraction Detergent



HydraClean completes the maximum soil removal, minimum residue cleaning process virtually eliminating re-soiling issues. Tritanol™ - you will experience faster, deep residue cleaning in high alkalinity and the carpet will stay cleaner longer.

HydraClean is safe to use on all residential synthetic carpet, warranted residential stain resistant carpets, and leaves a refreshing scent that says clean without overpowering.

A gallon of HydraClean is so concentrated it will make 300 gallons or more of ready to use cleaning solution and will clean up to 35,000 square feet of carpet.



Try HydraClean from...

HydraMaster

www.HydraMaster.com



800-426-1301 | 425-775-7272
1 Gallon
4 x 1 Gallon

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RinseFree[™] with OxyBreak[™]



PRE-SPRAY
ON CONCRETE
& ASPHALT
SYNTHETIC
COMMERCIAL
& DOMESTIC CARPETS



Peroxide Activated Carpet Extraction Detergent

RinseFree Liquid[™] contains only ingredients that have been identified by industry listing and certification groups as meeting the standard for greener solutions.

The cleaning power of RinseFree Liquid[™] is increased with the addition of OxyBreak[™] to synergistically activate other ingredients and enhance soil break down and removal through the power of oxidation.



- RinseFree Liquid with OxyBreak[™] Carpet Extraction Detergent is an "In-Tank" extraction solution that enhances the longstanding commitment of the HydraMaster SafeClean designation.
- RinseFree contains only ingredients identified by industry listing and certification groups as meeting the standard for greener solutions.
- Used in conjunction with Release Carpet Pre-spray, RinseFree Liquid completes the greater hot water extraction carpet cleaning job. RinseFree emulsifies and lifts away loosened soil.
- The free rinsing formula contains HydraMaster's exclusive ingredient Trianol[™], which helps carpet stay cleaner longer and eliminates rapid re-soiling. It rinses freely from carpet and leaves no residue.
- The cleaning power of RinseFree Liquid is increased with the addition of OxyBreak[™] to synergistically activate other ingredients and enhance soil break down and removal through the power of oxidation.

Directions:

Please read the full label directions before cleaning.

1. This set of cleaning solutions must be prepared in order for safe use prior to application.
2. For best results, apply ClearMaster Release with OxyBreak[™] or other compatible carpet pre-spray first.
3. For most residential solution cleaning operations: Mix one quart (32 ounces) of solution with two gallons of water. Set maximum solution flow meter at 2-3 gph. For portable extraction equipment: Use two ounces of RinseFree solution with two gallons of water.
4. Extract with ClearMaster RinseFree Liquid Carpet Extraction Detergent. For total cleaning, industrial strength and more effective soil removal, contact with the RX-30 Heavy Extraction Tool. To further detail operations, see the Complete cleaning word.
5. For faster drying, consider the use of an air-dial, centrifugal, or steam-dryer or mangle.

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Available in: 1 Gallon, Case of 4 x 1 Gallon
Part # 800-405



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ClearWater Rinse



Neutralizing Emulsifier Anti-Resoiling Rinse

ClearWater Rinse completes the maximum extraction cleaning job as a neutralizing rinse. It pH neutralizes the carpet, contains emulsifying rinse agents to complete soil removal, and utilizes exclusive technology to help prevent re-soiling.

Using Clearwater Rinse as your final extraction rinse allows you to get the carpet cleaner than with conventional acid rinses, and helps the carpet to stay cleaner, longer.

- ClearWater Rinse contains the industry exclusive component Titanol™ – an integrated blend of specialized encapsulating polymers, organic sequestrants, and specialty surfactants. With the unprecedented cleaning power and performance of Titanol™, you will experience deep restorative cleaning in high definition.
- Using ClearWater Rinse as your final extraction rinse allows you to get the carpet cleaner than with conventional acid rinses, and helps the carpet to stay cleaner, longer.
- Restores the pH of the carpet to its natural state, protects against browning and yellowing, and stabilizes carpet dyes.

Mixing Directions:

1. Always pre-test all cleaning solutions in an inconspicuous area for colorfastness prior to application.
2. ClearWater Rinse is formulated as a neutralizing rinse applied as the final step of cleaning through a carpet extraction machine. For post-cleaning neutral and restorative use, Dilution Ratio: 1:10.
3. In a portable extraction, mix 1.2 oz. of ClearWater Rinse with 5 gallons of water, by a truckmount, mix 1 quart of ClearWater Rinse to 5 gallons of water. If used as a stand alone cleaning agent, dilute the use of a proprietary or a walk-behind extractor, mix 1 quart solution with 40 parts water (1:40 ratio by volume).
4. For faster cleaning, reduced traffic, and more effective soil removal, extract with the 100-20 Rotary Collection Tool in Furniture duster attachments use the Evolution cleaning wheel.
5. For faster drying, especially in humid environments, consider the use of an acid neutralizer or deodorant or moisture after cleaning.

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Try ClearWater Rinse and leave your customer's carpet squeaky-clean!

Your final extraction rinse should leave your customer's carpet squeaky-clean, smelling refreshed, with a softer feel. pH neutralized and it should look clean longer.

Oh yeah, it also needs to be able to dissolve and emulsify soiling that your preprays couldn't reach.

Can you say your rinse does all that?

Using Clearwater Rinse as your final extraction detergent acid/neutralizing rinse allows you to deep clean better than conventional acid rinses with encapsulating properties and polymers to help the carpet stay cleaner longer.

Try ClearWater Rinse from... **HydraMaster**

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HydraMaster
Chemical Solutions



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ZipDri Encap TS

Triple Strength Low Moisture Encapsulation Carpet Cleaning Solution

ZipDri Encap TS is the only encapsulation cleaner that contains Titanol™ - an integrated blend of specialized encapsulating polymers, organic sequestrants, and specialty surfactants.

ZipDri Encap TS is the most ultra-concentrated encapsulation cleaner on the market, utilizing only 2 to 4 ounces of solution per gallon of water.

- Can be used with virtually any low moisture agitation system - Counter-rotating cylindrical brush, triple planetary rotary brush, oscillating or orbital brush or pad, and with absorbent bonnet pads.
- When carpets are cleaned according to directions, you will experience drying times between 10 minutes and an hour.
- ZipDri Encap TS will work wonders on commercial glue down carpets, but can be safely and effectively used on synthetic and commercial and residential carpet. Best of all, ZipDri Encap TS qualifies as a SafeClean formula.
- The only encapsulation cleaner that contains Titanol™ which helps separate ground in soiling from the carpet fiber.

Directions:

Please read the full label directions before cleaning.

At a low moisture encapsulation cleaner:

1. Always prepare all cleaning solutions in an inconspicuous area for demonstration, prior to application.
2. For optimal soiling, mix one part ZipDri Encap TS with 32-64 parts, the water (2-4 ounces of solution with a gallon of water) into a pump-up, electric, or battery powered pressure sprayer. For heavily soiled, mix one part solution with 10 parts water.
3. Apply the ready-to-use solution as a mist in a treatment, overlapping pattern. Use more solution as heavily soiled areas. For best results, apply with scrubber or battery powered sprayer.
4. Agitate the solution into the carpet with a counter rotating cylindrical brush, motor planetary rotary brush machine, orbital agitate machine, or rotary shampoo brush.
5. If using ZipDri Encap TS with a bonnet, pad system, mix solution 8 ounces to a gallon, and apply to carpet with best rotary of bonnet pair. Proceed to cover in normal machine soiling or shampooing process when the pad stops absorbing soil.
6. Allow the solution to completely dry.
7. Vacuum the carpet thoroughly after the carpet dries as it is over scheduled interval.



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ENCAPSULATION
Titanol™ S
S10 - 40
Commercial
& Residential
Synthetic & Wool
Carpeting



ZipDri Encap TS
Triple Strength Low Moisture Encapsulation Carpet Cleaning Solution

Formulation 14-3

ZipDri Encap TS is the only encapsulation cleaner that contains Titanol™ - an integrated blend of specialized encapsulating polymers, organic sequestrants, and specialty surfactants. Titanol™ helps separate ground in soiling from the carpet fiber, encapsulating soil and dirt in a microscopic and repeat it easier for subsequent encapsulation cleaning.

SafeClean

SafeClean is a green label formula that is safe for use on all carpet types. It is a non-toxic, non-flammable, and non-corrosive formula that is safe for use on all carpet types.

HydraMaster



ZipDri Encap TS

Triple Strength Low Moisture Encapsulation Carpet Cleaning Solution



ZipDri Encap TS allows the carpet cleaning professional to take advantage of the many strengths of a low moisture soil encapsulation system such as eliminating wicking and reoccurring spots, triple cleaning productivity rates, extending the carpet life-cycle, greatly reduced area downtime, and positive appearance management.

ZipDri Encap TS is the most ultra concentrated encapsulation cleaner on the market, utilizing only 2 to 4 ounces of solution per gallon of water.



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ZipDri Encap TS

Triple Strength Low Moisture Encapsulation Carpet Cleaning Solution



ZipDri Encap TS allows the carpet cleaning professional to take advantage of the many strengths of a low moisture soil encapsulation system such as eliminating wicking and reoccurring spots, triple cleaning productivity rates, extending the carpet life-cycle, greatly reduced area downtime, and positive appearance management.

ZipDri Encap TS is the most ultra-concentrated encapsulation cleaner on the market, utilizing only 2 to 4 ounces of solution per gallon of water.

Try ZipDri Encap TS from ...



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Release with OxyBreak



PRE-SPRAY
pH 11.4
Synthetic & Wool
Commercial &
Residential Carpets



Carpet Prespray and Low Moisture Encapsulation Solution

Release with OxyBreak™ works extremely effectively as a low moisture encapsulation carpet cleaning solution, particularly on carpets exposed to a large amount of coffee spills.

The cleaning power of Release Carpet Pre-spray is increased with the addition of OxyBreak™ to synergistically enhance cleaning through the power of oxidation.



- The cleaning power of Release Carpet Pre-spray starts to work on contact to dissolve, dislodge, and encapsulate soil, grease, and oil for easier removal during the extraction process, without the use of any intentionally added solvents, phosphates or other additives which would disqualify its designation as a green cleaning solution.
- Release with OxyBreak™ works extremely effectively as a low moisture encapsulation cleaning solution when used as directed.
- Encapsulating polymers surround, and bond to soil allowing it to be removed from the carpet in subsequent vacuuming.
- Meets the standards of cleaning and care for all synthetic and most wool carpets, including wear-resistant stain resistant carpet.
- It can be used as a spotting solution to effectively remove many beverage spills and stains, including coffee and tea.

Directions:

Please read the full label directions before cleaning.

Directions - For use as a carpet prespray:

1. Always pre-treat all staining solutions in an inconspicuous area for colorfastness.
2. For maximum efficiency, apply Release with OxyBreak™ with an injection sprayer. To take advantage of oxidation power and heat created by your high performance rotation carpet or truckhead. Apply in clean overlapping pattern.
3. Pre-spray with 1 part Release with OxyBreak™ mixed with 24 parts hot water (15.5 ounces of solution over 1 gallon of water). For heavy soiling, mix Release with 1 part solution to 12 parts water (10 ounces of Release with 1.5 gallons of water). For standard 4 person sprayer, mix 1 quart water with 4 quarts of Release with OxyBreak™ in 5 quart container.
4. Extract with CleanMaster™ DuoFree™ Liquid Carpet Extraction Technology.
5. For faster drying consider the use of an airer, dehumidifier, or dehumidifier or heater after cleaning.

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Available in: 1 Gallon, Case of 4 x 1 Gallon
Part # 800-435



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GreaseBreaker



Citrus Based Cleaning Booster, Degreaser, and Fragrance Additive

GreaseBreaker can be applied as a ready-to-use degreaser. It is an excellent restoration cleaner for smoke damaged hard surfaces. Your customers will love the refreshing fragrance of GreaseBreaker.

GreaseBreaker is the perfect extra power punch when you encounter a heavy build-up of caked on grease and oxidized oils in a heavily soiled carpet.

- Unlike many orange smelling boosting and degreasing agents that contain over 80% solvent fillers and additives, GreaseBreaker contains 100% active boosting and degreasing ingredients primarily derived from the peels of citrus fruits.
- GreaseBreaker is used as a booster to your favorite carpet pro spray. It will cut through the worst greasy, oily soils faster and easier, so you do not have to over scrub or agitate and over-wet the carpet to get it cleaned! GreaseBreaker can also be applied as a ready-to-use degreaser. It is an excellent restoration cleaner for smoke damaged hard surfaces.



Mixing Directions:

1. Always pre-test all cleaning solutions in an inconspicuous area for colorfastness prior to application.
2. For increased efficiency, apply your primary booster with injection sprayer to take advantage of solution pressure and heat created by your high performance portable extractor or truck/mount. You can also use a "pump up" pressure sprayer, or electric or battery powered sprayer. Apply in cross-hatching pattern.
3. As a general purpose degreaser and booster, mix 1-2 ounces of GreaseBreaker with each gallon of carpet shampoo or your compatible hard surface cleaning prepoly.
4. Extract with a compatible alkaline extraction detergent or soil neutralizing rinse. For best cleaning, reduced fatigue, and more efficacy, soil removal, extract with the RX-20 Heavy Extraction Tool, in tandem with our waterborne, soil and the Evolution cleaning wand.
5. For better drying, especially in humid environments, consider the use of an alkali neutralizing deodorizer or neutralizer after cleaning.
6. Do not lower alkaline extraction detergent or acid neutralizing time with GreaseBreaker that are going to run through the pump in your extraction machine. Designed to use in primary solutions only.



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Citrus-Based Cleaning Booster, Degreaser, and Fragrance Additive

get GreaseBreaker!



GreaseBreaker is the perfect extra power punch when you encounter a heavy build-up of caked on grease and oxidized oils in a heavily soiled carpet. GreaseBreaker can also be applied as a ready-to-use degreaser. It is an excellent restoration cleaner for smoke damaged hard surfaces. Your customers will love the refreshing fragrance of GreaseBreaker.

100% Pure Boosting Power!

800-180-8 1 Gallon
800-180-8 4 x 1 Gallon

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HydraBoost CT



High-Powered Concrete and Tile Cleaner and Degreaser/Booster Additive

HydraBoost CT is a powdered, high-powered concrete and tile and grout cleaner and degreaser designed to safely and effectively dissolve, break down, dislodge, and emulsify even the grimmest soils.

HydraBoost CT safely and effectively eliminates even the grimmest soils from concrete, finished concrete, and ceramic, porcelain, and quarry tile floors and surfaces.

- Alkaline cleaning agents and heavy duty surfactants are activated by the power of oxygen to allow the effervescent solution to get into every crack, crevice, and pore. It is the ideal cleaning agent for heavily soiled restaurant kitchen tile floors and other indoor and outdoor surfaces exposed to high levels of grease and oil contamination.
- HydraBoost CT will work with virtually any brush agitation system, automatic floor scrubber, or even a mop and bucket cleaning system.
- The oxygenated cleaning power also makes it an ideal boosting agent for trashed and neglected carpet that has been exposed to high levels of oxygenated oils and grease. Simply add a couple of ounces to your favorite traffic lane cleaner/reconditioner.

Directions as a pre-treatment/pre-spray for the wet glass floor:

1. Sweep and/or dust surface being cleaned as directed.
2. This product is pre-mixed/concentrated. For wetted surfaces, mix 1 ounce of HydraBoost CT powder with one gallon of water or hot water into a professional sprayer. For concrete sealing, mix three to four ounces of powder with a gallon of water or hot water into a professional sprayer. For application through a hollow injection sprayer, mix 12 oz. of powder with 100 gallons of water. Use CT solution.
3. Apply mixed solution with sprayer evenly and liberally across surface to be cleaned. You can use a pump-up sprayer or a hollow ground sprayer. If preferred, you can apply mixed solution with a squeegee, sponge, or other appropriate professional equipment. It is only a help for certain applications and surface cleaning. Change your mix ratio when needed.
4. Allow for 5-30 minutes of dwell time. For concrete, if water has been heavily absorbed, allow 15 minutes of dwell time so the solution has time to reach into the concrete pores.
5. For best results, agitate and extract cleaning solution using warm or hot water and a rotary agitation floor surface cleaner. For tight spaces or difficult-to-reach surfaces, use a hand scrubber cleaning method, or simply mix to form with clean water or hot water.
6. When work has been removed thoroughly, allow floor to dry.



Available in: 6.5 Pound Jar, Case of 4 x 6.5 Pound Jar Part # 810-762



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HydraBoost CT, the ideal cleaner for real world dirty tile and concrete!
High Powered Powder Enzyme Carpet Pre-spray



HydraBoost CT is a powder, high powered concrete and tile and grout cleaner and degreaser designed to safely and effectively dissolve, break down, dislodge, and emulsify even the grimmest soils from concrete, finished concrete, ceramic, porcelain, and quarry tile floors and surfaces. HydraBoost CT is an economical cleaner and degreaser designed to penetrate porous surfaces and dissolve the toughest buildup of oil and grease. Alkaline cleaning agents and heavy duty surfactants are activated by the power of oxygen to allow the effervescent solution to get into every crack, crevice, and pore. It does so without the use of harsh chlorinated solvents or mineral acids, leaving the surface squeaky clean and residue free.

Part # 810-762



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HydraBoost CT - The ideal cleaner for real-world dirty tile and concrete!

Powder High Powered Concrete and Tile Cleaner and Degreaser/Booster Additive



HydraBoost CT is an economical cleaner and degreaser designed to penetrate porous surfaces and dissolve the toughest buildup of oil and grease. Alkaline cleaning agents and heavy duty surfactants are activated by the power of oxygen to allow the effervescent solution to get into every crack, crevice, and pore. It does so without the use of harsh chlorinated solvents or mineral acids, leaving the surface squeaky clean and residue free. The oxygenated cleaning power of HydraBoost CT also makes it an ideal boosting agent for trashed and neglected carpet that has been exposed to high levels of oxygenated oils and grease. Simply add a couple of ounces of HydraBoost CT to your favorite traffic lane cleaner/reconditioner for the ultimate in cleaning power.

Try HydraBoost CT from



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800.775.8100

425.775.7272
425.775.8100

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DeFoam



Powdered Defoaming Additive

It prevents foam from forming in wands and hoses. Best of all, the odorless granules will not affect pH or alter cleaning performance.

De-Foam breaks down existing foam residue which makes your vacuum recovery more efficient and keeps your waste tank from prematurely filling up.

• DeFoam™ is a powerful anti-foaming agent that can breakdown even the toughest detergent residues. One of the most frustrating things a carpet cleaner can face is when the recovery tank fills up and it is 90% foam. HydraMaster powdered DeFoam contains a trade secret anti-foaming agent. When sprinkled on the carpet, DeFoam breaks down foam before it gets to your machine.

• It is safer for you and your customers – the active ingredient is also used in food processing. Unlike some liquid defoamers that leave a sticky residue behind, ClearMaster DeFoam is a residue free formula. It breaks down existing foam residue which makes your vacuum recovery more efficient and keeps your waste tank from prematurely filling up.

Mixing Directions:

1. Always pre-test all cleaning solutions in an inconspicuous area for colorfastness prior to application.
2. Apply small amount of water to carpet and capture to determine the presence of foaming residue.
3. If excessive foam build up in waste tank, add one ounce of De-Foam to your waste tank before the job starts.
4. To reduce foam build up in vacuum recovery hoses, sprinkle 1 ounce of powder into vacuum hose at the cleaning wand end and let the vacuum pull the solution through the hose.
5. For severe foam issues in the carpet, spray/growd, broadcast or "stick and feed" De-Foam over entire carpet.
6. Injection or spraying the product as needed to ultimate foam.
7. Proceed to clean in normal manner.

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Available in: 5.5 Pound Jar, Case of 4 x 5.5 Pound Jar
Part # 350-177



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Complete Guard

PROTECTANT
HTU per 6.5 - 6.6
1-2-4
HydraMaster
A Wool Caregiver



Multi-Level Carpet and Fabric Stain and Soil Protector

Complete Guard coats fibers with a dye-blocking stain barrier to protect them from dye stains and common household food and beverage spills. Complete Guard protects the fiber completely, not just at the top like conventional protectors.

Complete Guard™ uses state-of-the-art, environmentally preferred short-chain fluorocarbon technology to protect against damaging dry soils as well as both water-based and oil-based spills.



- Conventional protectors rely on a repellency barrier across the top of carpeting to protect carpet fibers, and while such protectors perform well, once a spill penetrates the protective barriers of repellent protectors they immediately bond to the fiber.
- Special dispensing agents make sure that the carpet is thoroughly protected without soaking the carpet with more water. Complete Guard is recommended for application to nylon and wool carpets, and greatly enhances the oil based soil repellency of olefin, polyester, and triosa carpet.
- Complete Guard protects the carpet three ways: from the top with fluorochemicals, from inside the fibers out with dye blockers, and from the outside in with polymers.

Mixing Directions:

- Always pretest for color fastness.
- If additional bleaching or color, allow to finish or lower temperature, then retest accordingly.
- Use Mixing Directions:**
 - Dilute by mixing 1 part concentrate protector with 2 parts water.
 - Apply to freshly cleaned carpet using an electric or battery powered sprayer increasing 35 to 50 psi with an 800A or 300S faceted nozzle.
 - Apply evenly over entire carpet surface.
 - Seal or groom the carpet.
- Coverage will be approximately 400 to 600 sq. ft. per gallon gallon for deep or dry carpet. Coverage depends on carpet pile density, i.e., heavy pile residential requires 1 HTU gallon per 400 sq. ft., low pile commercial requires 1 HTU gallon per 500 sq. ft.
- For better drying, repellency, or needed, reapplication, consider the use of an oval scrubber, or drenching or steaming after cleaning.

Available in: 1 Gallon, Case of 4 x 1 Gallon
Part # 350-247



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CompleteGuard protects the fiber completely, not just at the top like conventional carpet protectors.



CompleteGuard protects the fiber in three ways:

- From the top with fluorochemicals
- From inside the fibers with dyeblockers
- From the outside with a repellency barrier

Your customers will love how easily spills are removed and how great their carpet will look between cleanings.

Part # 350-247



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CompleteGuard protects the fiber completely, not just at the top like conventional protectors.



Complete Guard protects the carpet three ways:

- 1 from the top with fluorochemicals
- 2 from inside the fibers out with dyeblockers
- 3 from the outside

Try CompleteGuard from ...



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FabricMaster FF



Natural and Delicate Fabric Pre-spray for Gentle Cleaning

This neutral pH cleaning formula is specifically formulated for use on upholstery fabrics constructed with natural fibers, especially fine cottons, and fabrics with delicate, intricate weave textures and patterns.

This specialized formula is specifically designed to break down, dissolve, and emulsify the soils and spills most common to upholstery fabrics.



FabricMaster Fine Fabric recognizes the construction and texture of upholstery to be more delicate than carpet, so it does not use harsh solvents often used in carpet pre-sprays that can affect upholstery construction.

Specialized surfactants are used in this formula that do not over wet the fabric like typical surfactants, allowing you to clean the surface without soaking the back of the fabric. FabricMaster Fine Fabric Pre-spray contains the same stain removing additive that is in our famous SpotMaster Pro XP spotter, effectively removing many beverage spills without the need for special stain treatments. FabricMaster Fine Fabric Pre-spray can also be used to make a HALLON cotton shampoo formula by simply mixing in SpotMaster CSR.

Mixing Directions:

1. Remove fabric thoroughly before starting cleaning process.
2. Always pre-test all cleaning solutions in an inconspicuous area for colorfastness prior to application.
3. For light to medium soil, mix one part FabricMaster FF with eight parts water (100 ounces of solution will equal 1 gallon of water). For heavy soiling, do not dilute. Use straight.
4. To make a HALLON Cotton Shampoo, add 3 powder ounces of ChemMaster SpotMaster CSR to each mixed gallon of FabricMaster Fine Fabric Pre-spray.
5. Apply with hand held pump up or trigger sprayer to one area, working into fabric across the entire area of the fabric being cleaned.
6. Allow to dwell for 2-3 minutes. Do not rub to avoid fraying or damage to the fabric.
7. Agitate with HALLON fabric brush or hand roll.
8. For best results, extract area with ChemMaster HALLON solution using the HydraMaster or Master 3 Upholstery Cleaning Tool.
9. For faster drying, especially in humid environments, consider the use of an airdry, dehumidifier, or dehumidifier to remove other cleaning.



Available in: 1 Gallon, Case of 4 x 1 Gallon
Part # 300-220

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Made in the USA



FabricMaster Fine Fabric

Natural and Delicate Fabric Pre-spray for Gentle Cleaning



FabricMaster Fine Fabric pre-spray is designed for the upholstery cleaning craftsperson. While many cleaners use carpet pre-sprays on upholstery, the craftsperson recognizes the important differences between upholstered fabrics and carpeting, as well as the soils that build up in them.

Specifically formulated as a prespray (straight to mixed 1:16) on upholstery fabrics constructed with natural fabrics and floors, especially fine cottons, and fabrics with delicate weaves, textures, and patterns.



Try FabricMaster Fine Fabric from ...
 190-220-4 1 Gallon
 190-220-8 4 x 1 Gallon
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FabricMaster HD



Self-Neutralizing Upholstery & Fabric Preconditioning Agent

FabricMaster HD is designed to break down, dissolve, and emulsify soils and spills – body oils, hair treatments, airborne oils, shoe scuffs, spilled food and beverages, cracked colors from clothes, newsprint, and pet hair.

This specialized formula is specifically designed to break down, dissolve, and emulsify the soils and spills most common to upholstery fabrics.

- FabricMaster HD Upholstery Pre-spray is designed for the upholstery cleaning crafts-person. While many cleaners use carpet pre-sprays on upholstery, the crafts-person recognizes the important differences between upholstered fabrics and carpeting, as well as the soils that build up in them.
- FabricMaster HD is a self-neutralizing formula that cleans with the power of alkalinity, but then self-neutralizes as it dries. It is designed for use on synthetic upholstery fabrics. It does all of this with the cleaning power of odorless ammonia, combined with specialized solvents and surfactants.
- FabricMaster HD is a low foaming formula that does not leave a sticky residue.

Mixing Directions

1. Measure fabric thoroughly before starting cleaning process.
2. Always pre-test all cleaning solutions in an inconspicuous area for colorfastness prior to application.
3. For light to medium soil, use 1 part FabricMaster HD with 4 parts water (32 ounces of solution with 1 gallon of water) and sprayer. For heavy soiling, use 1 part solution with 1 part water (16 ounces of solution with 16 ounces of water).
4. Apply with handheld pump up or trigger sprayer in an even, overlapping mist across the entire area of the fabric being cleaned.
5. Allow to dwell for 2-3 minutes. Do not allow to over spray or become wet.
6. Agitate with flexaction brush or tooling tool.
7. For best results, extract area with ClearMaster Residue Extractor using the HydraMaster D18Master 3 Upholstery Cleaning Tool.
8. After faster drying, especially in heated environments, minimize the use of an acid neutralizer as it may alter cleaning.



Available in: 1 Gallon, Case of 4 x 1 Gallon
Part # 310-720



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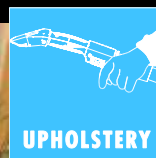
You wouldn't use a carpet wand to clean your customers luxurious upholstery...
So why would you use your everyday carpet prespray on that same furniture?

Specifically Formulated for Upholstery Cleaning

FabricMaster HD
Self-Neutralizing Upholstery & Fabric Preconditioning Agent

HydraMaster Chemical Solutions

www.hydramaster.com • 800.426.1301



You wouldn't use a carpet wand to clean your customers luxurious upholstery, so why use carpet prespray on the same furniture?

Odorless Ammoniated Self-Neutralizing Upholstery and Fabric Preconditioning Agent, FabricMaster HD Upholstery Pre-spray is designed for the upholstery cleaning crafts-person. While many cleaners use carpet pre-sprays on upholstery, the crafts-person recognizes the important differences between upholstered fabrics and carpeting, as well as the soils that build up in them. FabricMaster HD is a self-neutralizing formula that cleans with the power of alkalinity, but then self-neutralizes as it dries. It is designed for use on synthetic upholstery fabrics.

HydraMaster Chemical Solutions

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Natural Orange



SPOTTER
EPA registered
Natural Orange
Four Upholstery
Spot Removers



UPHOLSTERY

Spot and Stain Remover and Upholstery Pre-spotter

Natural Orange is a long time HydraMaster favorite for removing problem spots and soils from upholstery as well as a filtration soil spot remover. Natural Orange uses natural citrus solvents to create a gentle, effective spotter and pre-spotter.

A simple, light application of this amazing product will soften and loosen tough oil-bound soil without harm to the fabric.

- Natural Orange uses natural citrus solvents to create a gentle, effective neutral spotter and pre-spotter. It effectively dissolves, dislodges, and emulsifies spots of oil and grease spots and soiling. Natural Orange makes an ideal pre-spotter for fine fabrics.
- Formulated especially for the removal of oily spots or soil, it is ideal for furniture or carpets. Its special blend of orange based solvents and surfactants also makes it for carpet filtration stains.
- With a pleasant fragrance, Natural Orange deodorizes as it cleans. After cleaning, the fabric is left with a noticeable, fresh, clean scent. This product has a neutral pH, and contains no harsh solvents.
- As a spotting solution it is especially effective on grease and oil based spots common to upholstery fabrics such as cooking grease, hair oils, greas, and treatments, and body oils. It is also ideal for removing settled airborne oils.



Available in: 1 Gallon; Case of 4 x 1 Gallon
Part #: 800-430

- Directions:**
1. Please read the full label directions before cleaning.
 2. Always pre-test all cleaning solutions in an inconspicuous area for colorfastness prior to application.
 3. For standard spot removal application: Mix 1 part solution with 10 parts water in a trigger sprayer. Pre-soak spotting fabric. Attach hand pump up sprayer. For heavy oily spots and filtration stains, use 1 part solution with 7 parts water.
 4. Apply Natural Orange with an even spray and let dwell for a few minutes. Apply plenty of moisture to the spot or stain.
 5. Use a clean towel to wipe away or blotch stain.
 6. Allow to finish 2-3 minutes.
 7. Remove area thoroughly.



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Natural Orange
Spot and Stain Remover and Upholstery Pre-spotter

Natural Orange is a long time HydraMaster favorite for removing problem spots and soils from upholstery as well as a filtration soil spot remover. Natural Orange uses natural citrus solvents to create a gentle, effective neutral spotter and pre-spotter.



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Need an effective pre-spotter to dissolve, dislodge and emulsify?
Delicate enough for wool upholstery and fine fabrics!

Natural Orange is a long time HydraMaster favorite for removing problem spots and soils from upholstery as well as a filtration soil spot remover. Natural Orange uses natural citrus solvents to create a gentle, effective spotter and pre-spotter.

HydraMaster
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Need an effective pre-spotter to dissolve, dislodge, and emulsify spots?
Delicate enough for wool upholstery and fine fabrics!

Natural Orange is a long time HydraMaster favorite for removing problem spots and soils from upholstery as well as a filtration soil spot remover. Natural Orange uses natural citrus solvents to create a gentle, effective spotter and pre-spotter.

Steve's choice!

Try Natural Orange from ...

www.hydramaster.com

WoolMaster



Rug and Fabric Preconditioner

HydraMaster is pleased to provide you with a preconditioner/pre-spray specifically formulated to safely and effectively clean oriental rugs, wool rugs, carpet, and fabric; natural and cotton fiber rugs and fabric; and other investment textiles.

WoolMaster combines specialized encapsulation surfactants, detergents, and conditioning agents to specifically target the soils that rugs and fabrics are commonly exposed to.

- WoolMaster was formulated from the beginning for the specific purpose of effectively cleaning the most challenging rugs and fabrics, and meets and exceeds the safe standards for cleaning wool floors and fabrics. WoolMaster is also formulated to match the versatility of the cleaning professional, working effectively at both "on-location" and "in-plant" cleaning set-ups.
- It can be applied like a typical pre-spray or used effectively in a rug washing pit.



Directions:

Please read the full label directions before cleaning.

Use a pre-treatment/pre-spray for site and spot treatments.

1. Always pre-test all cleaning solutions on an inconspicuous area for colorfastness prior to application.
2. For maximum efficiency, apply HydraMaster with injection sprayer to take advantage of solution penetration and heat created by your high performance portable extractor or backpack. Use our most effective "HydraMaster" pressure sprayer, or steam or hot-air powered sprayer. Apply in cross-hatched patterns.
3. For deep restorative cleaning, pre-spray with 1 part HydraMaster mixed with 4 parts hot water (32 ounces of solution with one gallon of water). For maintenance cleaning, mix HydraMaster 1 part solution to 16-20 parts water. For standard injection sprayer, mix one part mixed with two parts of Quatro mix 3 quart container.
4. Allow solution to dwell 3-5 minutes. Extra agitation via brushes compatible with use and great may be helpful.
5. Extract the solution utilizing the RV-20 Heavy Extractor Tool with hard surface attachments, the RV-21 Heavy Hand Surface Tool, or any high pressure water compatible with hard surface tools.
6. For faster drying, especially in humid environments, consider the use of air-dry, centrifuge, or dehumidifier as much as possible after cleaning.



WoolMaster 4: 1 Gallon, Case of 4 x 1 Gallon
Part #: 800-742

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A Rug & Fabric Preconditioner to Effectively Clean Customers Investment Textiles?

Clean wool fibers & fabrics safely with WoolMaster



WoolMaster brings state-of-the-art technology to cleaning investment textiles. WoolMaster was formulated from the beginning for the specific purpose of effectively cleaning the most challenging rugs and fabrics, and meets and exceeds the safe standards for cleaning wool fibers and fabrics.

Can be safely and effectively used as a pre-spray or used in a rug wash.



www.hydramaster.com | 800.426.1301 | 425.775.7272

Need a Rug and Fabric Preconditioner to Effectively Clean your Customers Investment Textiles?

Clean wool fibers and fabrics safely with WoolMaster!



WoolMaster brings state-of-the-art technology to cleaning investment textiles. WoolMaster was formulated from the beginning for the specific purpose of effectively cleaning the most challenging rugs and fabrics, and meets and exceeds the safe standards for cleaning wool fibers and fabrics.



Can be safely and effectively used as a pre-spray (1:5-24) or used in a rug wash (1:24)

Try WoolMaster from...

150-242-0 1 Gallon
155-252-0 4 x 1 Gallon

HydraMaster
www.HydraMaster.com

www.hydramaster.com | 800.426.1301 | 425.775.7272

RinseOut



Rug, Fine Fabric & Textile Acid-Neutralizing Rinse/Treatment

RinseOut is a specially formulated neutralizing, detergent-free acid rinse for the final step in the safe and effective cleaning of oriental rugs, natural fabric upholstery, investment textiles, and carpeting.

RinseOut neutralizes alkaline and detergent residues and leaves the rug, fabric or carpet with a softer feel. It is safe to use on wool and other natural fabrics, as well as synthetic fibers.

- RinseOut is effective at fabric and textile treatment to prevent or correct cellulose or chemical browning, yellowing, and to stabilize dyes and colors. RinseOut neutralizes alkaline and detergent residues and leaves the rug, fabric or carpet with a softer feel.
- It is safe to use on wool and other natural fabrics, as well as synthetic fibers. It can also assist in dissolving and breaking down pet urine deposits, as well as road salt and ice melt tracking.
- Contains corrosion inhibitors to protect your equipment.
- RinseOut is an ultra-concentrated product that will make up to 320 gallons of neutralizing rinse.

Directions:

Please read the full label directions before mixing.

Note: The preferred method for cleaning oriental rugs and investment textiles is "in place." When cleaning rugs on floors, protect stone floors, stainless steel, and other sensitive surfaces from contact by direct contact with acid treatment or rinse. Thoroughly rinse up any overspray. For fabric, rug, textile, and carpet cleaning, dilute:

1. Pre-test all cleaning solutions in an inconspicuous area for colorfastness prior to application.
2. To be used as a neutralizing rinse following the application of proprietary or pre-conditioning solution (such as WaterWax, FabricMaster HD, FabricMaster Fine Fabric, or FourTask HD).
3. For application through a pressure washer, mix 2.5 ounces of solution with five gallons of water. For use with a sprayer, mix one ounce (1/8) measured at solution with 5 gallons of water in a 1-gallon concentrate. Full solution flow rate is 2.5 gpm.
4. For fabric cleaning, reduced fatigue, and more effective soil removal, extract with the RC-20 Heavy Extraction Tool. In tandem drive environments use the Evolution cleaning wand.
5. For best drying, minimize the use of a final conditioner or booster or re-neutralize cleaning.
6. For maximum penetration, and good cleaning after spray liquid blowout, use two ounces of solution with one gallon of water. Lightly use over the carpet rug or fabric being cleaned.



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Do you need an Acid-Neutralizing Rinsing Treatment for Soft Surfaces?



RinseOut is a specially formulated neutralizing, detergent-free acid rinse for the final step in the safe and effective cleaning of Oriental Rugs, Natural Fabric Upholstery, Investment Textiles, and Carpeting. RinseOut is also effective at fabric and textile treatment to prevent or correct cellulose or chemical browning, yellowing, and to stabilize dyes and colors. RinseOut neutralizes alkaline and detergent residues and leaves the rug, fabric or carpet with a softer feel.

It can also assist in dissolving and breaking down pet urine deposits as well as road salt and ice melt tracking. RinseOut contains corrosion inhibitors to protect your equipment.

Part # 950-140



www.hydramaster.com | 800.426.1301 | 425.775.7272

Do you need a Rug, Fine Fabric & Textile Acid-Neutralizing Rinse/Treatment?

get RINSEOUT!

RinseOut is a specially formulated neutralizing, detergent-free acid rinse for the final step in the safe and effective cleaning of oriental rugs, natural fabric upholstery, investment textiles, and carpeting. RinseOut is also effective at fabric and textile treatment to prevent or correct cellulose or chemical browning, yellowing, and to stabilize dyes and colors.

950-140-5 1 Gallon
950-140-0 4 x 1 Gallon

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Professional Spotting Kit

SPOTTER

Everything you need for almost any spot and stain.

Our Professional Spotting Kit gives you twice the solution as compared to competitive kits. Every CleanMaster chemical is a full size quart bottle.

HydraMaster's Professional Spotting Kit contains our most popular spot and stain removing solutions designed for the cleaning professional.

Many stains previously described as permanent can now be safely and effectively eliminated by the solutions in this kit.

Part # 002-038

Kit Contents:

- Quart of KnockOut 1—Oxidizing Stain Remover
- Quart of RedBreak 1—Red Stain and Colored Food and Drink Stain Remover
- Quart of OJ—Gelled Citrus Solvent Specialty Adhesive and Gels Remover
- Quart of SpotMaster Gel XP—Gelled Stain Remover for Oil Based Spots and Stains
- Quart of SpotMaster Pro XP—Fast Responsive Spot and Stain Remover
- Quart of UPS—Acid Spotter and Urine Pre-treatment
- Tamping brush
- Brite (spotting) spatula
- Six 16" absorbent cotton towels
- Spot and stain removal guide
- Insulated carrying bag protects solutions from storage heat and extreme cold to prolong useful life of products.

Product cannot ship via air freight

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SPOTTER

SPOTS ON YOUR REPUTATION ARE THE HARDEST TO REMOVE!

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Chemical Solutions



"The HydraMaster Professional Spotting Kit provides me with everything I need to successfully remove the most difficult stains—oil based, fruit drinks, pet urine, mustard, wood stains and more."
—Shawn Beal, Vice President

Get the HydraMaster Professional Spotting Kit

SPOTTER

Stains on your reputation are the hardest to remove

SPOTTER

Let's face it, you can perform a meticulous restorative cleaning on a carpet, but if there is still an unsightly spot or stain left in a high traffic area, the cleaner is usually less than satisfied.



The HydraMaster Professional Spotting Kit contains all of the solutions you need to safely and effectively remove virtually every spot and stain, even those that are completely resistant to cleaning. Use the kit to remove stains, and you'll have a clean, stain-free carpet and a satisfied customer.

100%

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SpotMaster Pro XP



Extreme Performance First Response Spot & Stain Remover

Cleaning professional's first response solution to a wide variety of common food and beverage spills onto carpet and upholstery.

SpotMaster Pro XP moves to the next step in extreme performance in spot and stain removal for common food and beverage spills, antiseptics, protein stains, ink, lipstick, grease, oil, and tar.

- With the synergistic addition of specialized surfactants, skin-irritation-free plant-derived solvents, and encapsulating polymers, SpotMaster Pro XP is the next step in extreme performance spot and stain removal.
- SpotMaster Pro XP is the ideal spot remover for most common food and beverage spills. Additives make it a stain eliminator on more problematic stains like iodine and red wine. It is your best response for protein spills and stains like egg, blood, milk and grass stains.
- Encapsulating polymers help prevent wick-back of spots and stains without any additional treatments or steps. Uncompromising cleaning power in a VOC compliant formula.



How to Use:

Please read the full label directions before cleaning.

1. Pre-test all cleaning solutions in an inconspicuous area for colorfastness prior to application.
2. Remove any excess contaminants before applying product. For liquid spills, blot and soak up. For powdered materials, use your staining specialist to remove as much material as possible.
3. Apply SpotMaster Pro XP straight to the spot or stain using your flip-top applicator.
4. Agitate solution into the contaminated area with your spotting pads or tool. Blot up or extract foam that results from agitation or use long-handled brush and colander towel to absorb as much of the remaining material as possible.
5. Allow solution to dwell for spot for 2 to 3 minutes.
6. Rinse with water and blot up or extract area thoroughly.
7. If encapsulating polymers and is solvent soluble, proceed to apply SpotMaster Gel XP according to directions. If the stains of non-solvent nature or relatively difficult to treat, repeat application. Don't scrub or abrade. If the source of the stain is heat or water, hot and cold water stain treatment, children's, pet, drink, liquid, stains, apply first three (3) according to directions.



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Made in the USA



First Response for Spot and Stain Removal



SpotMaster Pro XP serves as the cleaning professional's first response solution to a wide variety of common food and beverage spills onto carpet and upholstery, effectively removing 90% or more of spilled materials completely.

SpotMaster Pro XP is the ideal spot remover for most common food and beverage spills. Special additives make it a stain eliminator on more problematic stains like iodine and red wine. It is your best response for protein spills and stains like egg, blood, milk and grass stains. Plant-derived solvents make it effective on many oil-based spots and stains like ink, lipstick, shoe polish, grease, oil and tar.

Part # 880-042



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How to get mom out of trouble!

SpotMaster Pro XP will remove those problematic stains.



Try SpotMaster Pro XP from ... HydraMaster



800.426.1301 | 1 Quart
880-042 | 12.1 Quart

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SpotMaster Gel XP



Extreme Performance Gelled Solvent Oil Based Spot & Stain Remover

SpotMaster Gel XP is a gelled solvent-soluble spot and stain remover for inks, markers, paint, nail polish and more.

HydraMaster has formulated the solvent soluble spot and stain removing power of a volatile solvent, non-volatile solvent, and POG into one specialized thickened, gelled solution with SpotMaster Gel XP.

- Designed to effectively remove or lighten all kinds of stain causing inks (ballpoint, duplicating, ink jet, stamp pad, permanent marker, and more) along with latex, enamel, spray, and other types of paints.
- Breaks down caked-on grease and oil spills, and removes or lightens stains caused by shoe polish, nail polish, cosmetics, and tar.
- SpotMaster Gel XP is formulated to be in compliance with the latest VOC emission regulations, and is fast acting, stays on the surface of the spot, and is safe on most natural and synthetic fibers (Do not use on acetate upholstery fibers).
- The gelled solution sits on the spot rather than immediately absorbing down into the carpet like a typical solvent spotter does.

Directions:

1. Pre-test all cleaning solutions in an inconspicuous area for colorfastness prior to application.
2. Remove any excess contaminants before applying Spotter. For spilled liquids, blot or extract up. For embedded materials, use spotting sprays to remove as much material as possible.
3. Place fibers at the top of the material away from the rest of it spotting sprays. Apply SpotMaster Gel XP directly to the spot or stain using your fingertip applicator, keeping the gelled material on top of the spot or stain.
4. Allow to dwell 7-15 minutes.
5. Apply solution into the contaminated area with your spotting sprayer or tool.
6. Blot up as much of the stain as possible with a solvent-free, absorbent towel. Consider using oil-absorbing brush with towel to force as much of the material as possible into the towel. Repeat process as long as color transfer onto absorbent towel is observed.
7. Rinse with water and blot up or extract area thoroughly.
8. SpotMaster Gel XP will effectively dissolve most solvents and all latex spots and spills. However, if this does not apply knock Out 1 according to directions.



Available in 1 Quart, Case of 12 x 1 Quart

Part # 800-251

Product cannot ship via air freight



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Have an artist in the family?
spotMaster Gel XP



Gelled Solvent Oil Based Spot & Stain Remover

Gelled solvent-soluble spot and stain remover for inks, markers, paint, nail polish and more.

Try SpotMaster Gel XP from HydraMaster Today!



800-241-8 1 Quart
800-241-8 4 x 12 Quarts

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UPS

Urine Pre-spray Neutralizing Treatment

UPS is for use as a urine contamination neutralizer and as an incredibly effective acid detergent spotter for treating tarmin, salt, or alkaline based spots and spills on carpet and upholstery.

UPS is a special synergistic blend of acid neutralizers, detergents, odor counteractants, and decontamination deodorizers.

- UPS will effectively dissolve and dislodge alkaline salt residues that build up in urine deposits and neutralize sticky and gummy spots and contamination which will make any urine deodorization solution work faster and more effectively. The specialty surfactants carry the active ingredients deep into the carpet and help to penetrate the carpet fiber for more effective treatment.
- Can effectively eliminate odor on some urine deposits. **Pretreating the urine with UPS makes all enzyme and encapsulating pet odor deodorization solutions work faster and effectively.**
- It can often be used to eliminate spots caused by coffee, tea, wine, soft drinks, as well as to neutralize and break down the build-up of many ice melt compounds in carpeting. UPS has a refreshing, clean scent.

Directions:

Please read the full label directions before cleaning.

For pre-treatment and neutralization of urine contamination and deposits:

1. Pre-treat all existing urine stains and contamination with the color-coded pre-treatment application.
2. Mix UPS 1 part volume with 10 parts water or hot water depending upon severity of contamination.
3. Using a spray applicator, saturate spray the affected areas. Make sure that the UPS residue covers 90 degrees around with the water material for most effective treatment.
4. Allow 5 to 10 minutes of dwell time.
5. On heavily soiled contamination, flush thoroughly and color with a color-coded encapsulation or seal. Extract seal thoroughly.
6. For faster drying, consider the use of an airer, centrifuge, or dehumidifier or move the coloring.

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SPOTTER

UPS

Makes Any Pet Urine Deodorizer or Stain Treatment Work Faster and Better!



UPS is a special synergistic blend of acid neutralizers, detergents, odor counteractants, and decontamination deodorizers for use as a urine contamination neutralizer and as an acid detergent spotter solution.

It will effectively dissolve and dislodge alkaline salt residues that build up in urine deposits and neutralize sticky and gummy spots and contamination which will make any urine deodorization solution work faster and more effectively.

UPS is also an incredibly effective acid detergent spotter for treating tarmin, salt, or alkaline based spots and spills on carpet and upholstery.

Part # 800-426

HydraMaster
Chemical Solutions

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UPS Makes Any Pet Urine Deodorizer or Stain Treatment Work Faster and Better!

UPS - Urine Pre-spray Neutralizing Treatment

- It dissolves and breaks down the lipids that is the sticky stuff and cuts that keep your carpets stain resistant and/or deodorize from working as effectively as they could!
- Whether you are using an encapsulating "old" type deodorizer like HydraMaster Multi-Phase, an enzyme deodorizer, or an oxidizing stain and odor remover like HydraMaster URX with Multi-Phase, pre-spraying the contaminated area with UPS prior to treatment will save you time and make your treatment more effective.
- There is **NO** pet odor and stain treatment job that UPS won't help on.
- UPS is the perfect treatment for delicate oriental rugs to remove all the tracks of pet urine — whether on-leashes or in a rag washing pit too!

HydraMaster UPS (Urine Pre-spray Neutralizing Treatment) will make every pet odor and stain job go faster, easier, and more effectively!

Available at your authorized HydraMaster distributor:

www.HydraMaster.com • 800.426.1301

HydraMaster
Chemical Solutions



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Red Break 1



SPOTTER
#120 pH 7.0-7.5
Non-Toxic, No Bleach, No Ammonia, No Peroxide
#10000000

One-Part Red Stain & Colored Beverage Stain Remover

RedBreak 1 is a revolutionary breakthrough in stain removal science, utilizing reducing and polymer technology. Red Break 1 alters the structure of difficult stains by removing them or making them invisible.

Red Break 1 is a one part system that requires no mixing and no waste of product. The perfect carpet prespray for filthy, trashed, and neglected carpeting.



- No more mixing solutions and then throwing away your valuable product. Red Break 1 is designed to remove stains caused by any food or beverage with color added.
- This product is safe and effective on virtually any stain caused by a common household food or beverage spill and is recommended only for use on synthetic carpet fibers. Red Break 1 is designed for use by trained cleaning professionals. It often works simply by applying solution directly to the stain. For stubborn stains, the application of heat as an accelerator can enhance the treatment process.
- Ideal for commercial carpets and rental units.

Directions:

Please read the full label directions before cleaning.

1. This product contains reducing bleaches which can remove color from some fibers, carpets, or fabrics. Always test all cleaning solutions in an inconspicuous area for colorfastness prior to application.
2. Clean the stained area with normal cleaning procedures prior to the application of this product. Take an extra dry vacuum pass to remove as much residue as possible.
3. Red Break 1 is a one part solution. Liberally apply solution straight to the stained area.
4. Allow 30 seconds to 2 minutes of dwell time. Many stains are removed simply by extracting the area with clear water at the end.
5. If residual discoloration remains, reapply solution liberally straight directly to the stain.
6. Accelerate setting with heat. If using a low pressure, high volume steam generator such as a working steamer, apply steam directly to the stain area. Clean down periodically every 20 seconds to 2 minutes. If using a steam iron, cover stained area with a wet white cotton towel. Apply steam head from iron set at the lowest steam temperature. Lift and move the iron every 20-30 seconds and check the area.
7. When the stain has completely disappeared, gently extract the area with clear water. If a slight yellow discoloration remains, work the area to completely dry and the discoloration will usually go away.

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SPOTTER

Upset Over Spilled KoolAid?

Stains caused by children's fruit drinks, sports drinks, pop-sicles, wine, and more can be eliminated.



Red Break 1 is a revolutionary breakthrough in stain removal science. It's designed to remove stains caused by any food or beverage with color added. Stains caused by children's fruit drinks, sports drinks, frozen pop-sicles, and more can be eliminated.

This product is safe and effective on virtually any stain caused by a common household food or beverage spill and is recommended only for use on synthetic carpet fibers.

PAK 100-217



HydraMaster
Chemical Solutions

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Have an upset child over spilled Kool-Aid?

Stains caused by children's fruit drinks, sports drinks, frozen pop-sicles, and more can be eliminated.

RedBreak 1 is a revolutionary breakthrough in stain removal science. Utilizing reducing and polymer technology, RedBreak 1 alters the structure of difficult stains by removing them or making them invisible. RedBreak 1 is a one part system that requires no mixing and no waste of product.



Try RedBreak 1 from... **HydraMaster**
Chemical Solutions

800-267-8
890-267-A 1 Quart
12 x 1 Gallon

www.HydraMaster.com



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Knock Out 1

SPOTTER

100% Effective
One Step, No
Messy Mixing
HydraMaster
Chemical
Solutions

Oxidizing Stain Remover

Knock Out 1 is the next generation in one part oxidizing stain removers. Since it is a convenient, one part, ready to use product, there is no messy mixing or throwing away of mixed formula when you are done.

KnockOut1 effectively removes difficult stains caused by mustard, furniture stains, stubborn urine stains, plant stains, vomit, shoe polish, and spray paint.

- KnockOut 1 is the next generation in one part oxidizing stain removers that is a convenient, one part, ready to use product, there is no messy mixing or throwing away of mixed formula when you are done.
- Special additives allow KnockOut 1 to go well beyond so called magic stain removers. It effectively removes most difficult stains caused by mustard, furniture stains, wood stains, stubborn urine stains, plant stains, and vomit. Stains caused by wine, coffee, tea, juices, berries are no match for KnockOut 1.



Directions:

Please read the full label directions before cleaning.

1. As a stain remover that contains oxidizing bleach, there is always the inherent risk of color loss on some types and colors and fabrics. Always pre-test all cleaning solutions in an inconspicuous area for colorfastness prior to application.
2. Knock Out 1 is recommended for professional use only on synthetic fibers, carpet, and fabrics. It is not recommended for use on natural fibers and colors. Use only as directed.
3. Clean/discolor area thoroughly. Remove as much of the staining material as possible with conventional spotting techniques before applying Knock Out 1.
4. Apply at night liberally across the affected area of the stain. Allow to dwell for 2-30 minutes.
5. Rinse with copious amounts of warm water, and blot with clean, colorfast white absorbent towel.
6. Stain and repeat area thoroughly to remove as much of the stain and residue as possible. If any residual stain remains, apply Knock Out 1 again. Allow to dry.
7. Do not apply Knock Out 1 on any area solution has dried. KITTEN, CATS AND PETS, AWAY FROM TREATED AREA UNTIL IT IS COMPLETELY DRY.
8. A few specialty stains, particularly mustard and other food items that contain tartaric acid can be lightened over time by the application of an oxidizing stain remover like Knock Out 1, and accelerating the chemical reaction with the use of a white washing liquid (never often called a bleach). The higher the viscosity of the above-stated liquid, the more likely this procedure will be successful. Typically, a minimum of 2-3 hours to a maximum of overnight of this procedure is applied.

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SPOTTER

How to get dad out of trouble!

KnockOut1 will remove those problematic stains!



Remove stains from: mustard, furniture stains, wood stain, stubborn urine stains, plant stains, vomit, wine, coffee, tea, juices, berries, shoe polish, spray paint, and even the last traces of ink and pigments.

★★★★

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HydraMaster

How to get dad out of trouble!

KnockOut 1 will remove those problematic stains.



Try KnockOut 1 from...

HydraMaster

www.HydraMaster.com

KnockOut 1
1 Gallon
800-234-1301



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RustBreak



Rust Removing Spotting Solution

RustBreak is a safer way to remove crusted and stubborn rust stains that can appear on carpet and upholstery. It works as fast and effectively as other harsh acid rust removers, without the risk and exposure.

RustBreak has a controlled acid pH so that it does not need a neutralizing solution after use, simply a clear water extraction.

- RustBreak has 4 times the rust removing ability of citric or oxalic acid based rust solutions and begins to work immediately on contact. No long waiting or long dwell times.
- It removes rust stains left by metal filing cabinets that get wet as well as metal surfaces that came into contact with wet carpet when the cleaning technician neglects to insert a protective tab or Synolonix block.
- RustBreak is also effective for many mineral based soils such as metal stains, water stains and rings. It will brighten up murky water stains. It is also excellent for removing mineral scale and hard water stains from hard surfaces, including lightening or eliminating rust stains on hard surface floors and concrete floors.

Directions:

- Always test for full label directions before cleaning.
1. Always test for full label directions before cleaning.
 2. Apply solution full strength liberally to affected area. Allow penetration gloom and work solution into rust stain with scrubbing action.
 3. Allow to dwell for 1 to 2 minutes, although you should see some effect almost immediately.
 4. Thoroughly extract area with clear water.

Available in: 1 Quart, Case of 12 x 1 Quart
Part # 850-757

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Having Difficulty Removing Stubborn Rust Stains?



RustBreak is a safer way to remove crusted and stubborn rust stains that can appear on carpet and upholstery. It works as fast and effectively as other harsh acid rust removers, without the risk and exposure.

It has a controlled acid pH so that it does not need a neutralizing solution after use, simply a clear water extraction. It has 4 times the rust removing ability of citric acid based rust solutions and begins to work immediately on contact.



Part # 850-257



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Having difficulty removing stubborn rust stains on carpet and upholstery? YOU NEED RUSTBREAK

HydraMaster
Chemical Solutions



RustBreak is a safer way to remove crusted and stubborn rust stains that can appear on carpet and upholstery. It works as fast and effectively as other harsh acid rust removers, without the risk and exposure. It has a controlled acid pH so that it does not need a neutralizing solution after use, simply a clear water extraction.



Try RustBreak from ... **HydraMaster**

850-257-A 1 Quart
850-257-B 12 x 1 Quart

www.HydraMaster.com

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Natural Orange

SPOTTER

RELEASER 425-812
Removes & Emulsifies
Fiber Upholstery,
and More!

Spot and Stain Remover and Upholstery Pre-spotter

Natural Orange is a long time HydraMaster favorite for removing problem spots and soils from upholstery as well as a filtration soil spot remover. Natural Orange uses natural citrus solvents to create a gentle, effective spotter and pre-spotter.

A simple, light application of this amazing product will soften and loosen tough oil-bound soil without harm to the fabric.

- Natural Orange uses natural citrus solvents to create a gentle, effective neutral spotter and pre-spotter. It effectively dissolves, dislodges, and emulsifies spots of oil and grease spots and soiling. Natural Orange makes an ideal pre-spotter for fine fabrics.
- Formulated especially for the removal of oily spots or soil, it is ideal for furniture or carpets. Its special blend of orange based solvents and surfactants also makes it for carpet filtration stains.
- With a pleasant fragrance, Natural Orange deodorizes as it cleans. After cleaning, the fabric is left with a noticeable, fresh, clean scent. This product has a neutral pH, and contains no harsh solvents.
- As a spotting solution it is especially effective on grease and oil based spots common to upholstery fabrics such as cooking grease, hair oils, gels, and treatments, and body oils. It is also ideal for removing soiled airborne oils.

Directions:

Please read the full label directions before cleaning.

1. Always pre-test all cleaning solutions in an inconspicuous area for colorfastness prior to application.
2. For standard spot removal applications, mix 1 part solution with 10 parts water in a trigger sprayer, flip-top spraying bottle, or hand-held pump-up sprayer. For heavy duty soils and ink stain soiling, use 1 part solution with 2 parts water.
3. Apply Natural Orange with an even spray and to dwell for a few minutes. Apply plenty of moisture to the spot or stain.
4. Do not allow the solution to dry on the surface.
5. Allow to dwell 2-3 minutes.
6. Extract and thoroughly blot.

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SPOTTER

Need an effective pre-spotter to dissolve, dislodge and emulsify?

Delicate enough for wool upholstery and Fine Fabric!



Natural Orange is a long time favorite for removing problem spots and soils from upholstery as well as a filtration soil spot remover. Natural Orange uses natural citrus solvents to create a gentle, effective spotter and pre-spotter.



HydraMaster
Chemical Solutions

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Need an effective pre-spotter to dissolve, dislodge, and emulsify spots?

Delicate enough for wool upholstery and fine fabrics!

HydraMaster
Chemical Solutions



Natural Orange is a long time HydraMaster favorite for removing problem spots and soils from upholstery as well as a filtration soil spot remover. Natural Orange uses natural citrus solvents to create a gentle, effective spotter and pre-spotter.



Steve's choice

Try Natural Orange from...

HydraMaster
www.HydraMaster.com

08-605 1 Gallon
08-602 4 x 1 Gallon

www.hydramaster.com | 800.426.1301 | 425.775.7272

SpotMaster CSR



Coffee & Stain Removal Solution

SpotMaster CSR - Coffee and Stain Remover is an effective, easy to mix powdered coffee and mild dye stain remover.

As a modified reducing stain remover, SpotMaster CSR can be used effectively to remove stains caused by coffee, tea, herbal tea, and other tannin stains.

- By keeping it in powdered form, you can mix and activate exactly what you need right on the job site, allowing a freshly mixed solution to go to work to effectively remove stains.
- If you are cleaning a carpeted area that has coffee spills spread far and wide, there is no faster or more effective way to eliminate coffee stains.
- One 1.25# jar of powder makes almost four gallons of ready to use solution, and the fact that is a concentrated powder makes it easy and inexpensive to ship.

Directions:

Please read the full range directions before cleaning.

Fill and use as a stain removing solution:

1. Fill bucket with cleaning solution from appropriate area (see for a full list of uses in this guide).
2. Carefully mix 2 pounds of CSR into 1-gal. of hot water into a trigger sprayer. Heat safe liquid for carpeting. Avoid mixing powder or vapor.

3. Make mixture CSR is thoroughly mixed.
4. Solution spray stained area with mixed solution.
5. Allow 2-3 minutes of dwell time.
6. If large amount of stain remains after drying, repeat application.
7. After stain removal, vacuum or extract tools.

8. For faster drying, especially in humid environments, consider the use of an air conditioner, or dehumidifier, or fan after cleaning.

9. Always use proper safety techniques for respiratory cleaning.

1. Mix 1 quart of CSR into each mixed gallon of CleanMaster FabricMaster Fine Fabric Detergent.
2. Always pre-test all cleaning solutions in an inconspicuous area for colorfastness.
3. Approved for clean upholstery in accordance with industry standards. No size.



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MultiPhase



DEODORANT
 100%
 Effective & Safe
 Carpet & Upholstery

Triple Action Bonding, Encapsulating & Absorbing Odor Counteractant

MultiPhase attacks odors with a multi-focused attack including pet urine, mustiness, and vomit. It works effectively on a broad spectrum of organic odors.

It is a binding, bonding, encapsulating, pairing, and absorbing deodorizer that will safely and effectively eliminate pet urine and feces odors.

- MultiPhase contains an industry favorite pleasant fragrance to leave the treated environment with a refreshed, deodorized smell. It can be used to effectively treat odors on any water safe surface including carpet, draperies, upholstery, hard surfaces, and floors, pet beds, mattresses, and more. It does a fabulous job of treating general odors to help freshen up a total room.
- MultiPhase goes to work deodorizing immediately, making the rest of your cleaning job more pleasant.



Directions

- For best results, locate all areas which are sources of odor. Remove all visible odor-producing sources exposed through adequate cleaning. On large pet urine deposits, pre-treat area with ClearMaster 385 during cleaning. Then, saturate affected areas with mixed MultiPhase liquid in proportion to the amount of urine producing material. MultiPhase must come in contact with the source of the odor to work most effectively. Pre-test all application surfaces for colorfastness before proceeding.
- For most open areas: Mix MultiPhase 1 part solution with 4 parts water. On covered items (mattresses), you can use a more concentrated solution or over-saturate, depending upon severity of the odor.
- Use over carpeting, vinyl or synthetic floor. Saturate mixed MultiPhase directly into the carpet, bedding, and cushions. Allow to dwell 5-20 minutes. Extract area thoroughly, preferably with sub-surface extraction tool.
- For use as fogging deodorizer: Mix 1 part MultiPhase with 2 parts of water. Protect water sensitive surfaces. Never release aerosolized or fogged solutions.
- As a covering solution: For odorous interiors, use 2 ounces of MultiPhase with each gallon of low mixed extractant/detergent in mist application. For outdoor areas equipment, use 1 quart of MultiPhase with 5 gallons of pre-mixed concentrated extractant/detergent or neutralizing agent. For low moisture encapsulating cleaning, mix one ounce of MultiPhase with each quart of encapsulation solution.

Available in: 1 Gallon, Case of 4 x 1 Gallon,
 5-Gallon Bucket
 Fax: + 800-500

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DEODORANT

Try MultiPhase and you'll sing it's praises too

Triple Action Bonding, Encapsulating & Absorbing Odor Counteractant



20%
 Concentrated

"Quite simply the best pet urine odor eliminator I have ever used." - Technician, Promark Carpet Care

HydraMaster customers across the country sing the praises of our award-winning MultiPhase Odor Counteractant. It's popular for two main reasons - it's highly effective and customers love the scent. This contact deodorant is perfect for effective elimination of dog and cat urine odors and a variety of other tough organic and non-organic odors. MultiPhase can be fogged, sprayed, injected, or used as an additive in your greywater. Best of all MultiPhase is super-concentrated and economical.

Form # 2008002

HydraMaster
 Commercial Solutions

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Try MultiPhase and you'll sing it's praises too:

"Quite simply the best pet urine odor eliminator I have ever used." - Cleaning Technician, Promark Carpet Care

"This product works better than the 'old' products and costs a lot less." - Owner, Seaside Carpet Cleaning

Triple Action Bonding, Encapsulating & Absorbing Odor Counteractant



HydraMaster customers across the country sing the praises of our award-winning MultiPhase Odor Counteractant. It's popular for two main reasons - it's highly effective and customers love the scent. This contact deodorant is perfect for effective elimination of dog and cat urine odors and a variety of other tough organic and non-organic odors. MultiPhase can be fogged, sprayed, injected, or used as an additive in your greywater. Best of all MultiPhase is super-concentrated and economical.

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1/3 the price of the "CIDE" products

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OdorMate Tropical Breeze



DEODORANT

Dilution: 1:1-32
General Purpose
Deodorizer
Hydrolytic & Neutral
Formal and Free
Chlorine Stabilizer

Tropical Breeze Scented Odor Eliminator, Deodorizer, and Cleaning Additive

OdorMate Tropical Breeze is a general purpose odor eliminator, deodorizer, and cleaning additive designed for use on carpet, upholstery, and laundry. It also works extremely well in general space deodorizing.

OdorMate contains odor encapsulating ingredients that eliminate the odor, not just mask it. Ideal for eliminating tobacco and cannabis smoke odors.

- The versatility of OdorMate Tropical Breeze allows it to be effectively used as a direct spray going agent heavy duty deodorizer. It can be added to most any cleaning solution, and can be applied through a wet logging machine.
- Utilizing OdorMate Tropical Breeze will leave any carpet or room smelling clean and refreshed, but it is also powerful enough to counteract severe mold odors.
- OdorMate Tropical Breeze is the ideal professional strength odor eliminator for cooking odors, body odors, and general odors.

Directions:

For application as a general purpose deodorizer:

1. Always pre-test all cleaning solutions in an inconspicuous area for colorfastness prior to application.
2. Mix four ounces of solution with one gallon of water (1:32) into a sprayer. For heavy duty deodorizers, mix 22 ounces of solution with four parts water (1:4) into a sprayer.
3. Saturate target solution area completely.

For application as a cleaning additive:

1. Always pre-test all cleaning solutions in an inconspicuous area for colorfastness prior to application.
2. Mix two ounces of solution with one gallon of cleaning solution (sprayer or standard detergent solution) (1:50).

For use in a wet logging machine:

1. Always pre-test all cleaning solutions in an inconspicuous area for colorfastness prior to application.
2. Mix 32 ounces of solution with one gallon of water (1:32) into your hose.
3. Apply according to supplier manufacturer directions.

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General Purpose Odor Eliminator,
Deodorizer and Cleaning Additive



OdorMate Tropical Breeze is a general purpose odor eliminator, deodorizer, and cleaning additive designed for use on carpet, upholstery, laundry. It also works extremely well in general space deodorizing.

The versatility of OdorMate Tropical Breeze allows it to be effectively used as a direct spray going agent heavy duty deodorizer. It can be added to most any cleaning solution, and can be applied through a wet logging machine.



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Looking for a deodorizer to eliminate odors from carpets and upholstery?

Get OdorMate!

OdorMate Tropical Breeze is a extreme odor and severe mold/moisture odor eliminator, deodorizer, and cleaning additive designed for use on carpet, upholstery, and laundry. It also works extremely well in general space deodorizing.

Versatility

- Direct Spray
- Fogger
- Add to Cleaning Solution

Try OdorMate Tropical Breeze from **HydraMaster**
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Botani-Phase



Botanical Decontamination Deodorizer for Odors from Moisture Buildup

Ideal deodorizer for restoration and remediation sites, contents cleaning and deodorization, carpet and upholstery cleaning, decontamination and odor control jobs, and more.

HydraMaster Botani-Phase represents the newest renewable and sustainable natural deodorizing technology as it derives its odor eliminating and decontamination capabilities directly from plant extracts.

- Whenever you have a carpet, textile or hard surface that has been impacted by water intrusion or moisture exposure to the point it has developed odors related to mold, mildew, and mustiness, Botani-Phase works to effectively clean and deodorize that surface.
- Rather than add synthetic fragrances which only mask the odor, why not use a natural, plant based deodorizer to clear the air, refresh the room, and deodorize both porous and non-porous surfaces?
- Contains no enzymes, bleaches, solvents, phenols, quats, oxidizers, bacteria, or chemical desinfectants.

Mixing Directions:

1. For best results, locate all areas which are sources of odor. Scrub or wash odor producing surface material through effective cleaning and extraction as possible. Then, saturate affected areas with Botani-Phase in proportion to the amount of odor producing material. Botani-Phase must come in contact with the source of the odor to work most effectively. The rate of application follows the instructions on the label.
2. In the best application, use Botani-Phase into carpet solutions with hot water. For severe odors and decontamination, apply Botani-Phase straight.
3. Wet the surface by saturation spraying, soaking or with a mop. Allow to dwell for 10 minutes and then allow to dry the carpet, extraction or wiping if required.
4. For the best deodorizing results, use Botani-Phase with 1 part of water. For best water retention solutions, please make up mixed or fogged solutions. Make sure all occupants of home or building are not present during fogging.
5. As a cleaning additive - For portable restorers, mix two ounces of Botani-Phase with each gallon of pre-treated extraction detergent or scrubbing foam. For industrialized equipment, mix one quart of Botani-Phase with 10 gallons of pre-treated commercial extraction detergent or scrubbing foam. For the restorer's encapsulation cleaning, mix two ounces of Botani-Phase with each mixed gallon of encapsulation solution.



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Botani-Phase

Botanical Decontamination Deodorizer for Odors from Moisture Buildup

HydraMaster Botani-Phase represents the newest renewable and sustainable natural deodorizing technology as it derives its odor eliminating and decontamination capabilities directly from plant extracts.

Part # 806-008



Turn Over A New Leaf

BotaniPhase
Botanical Decontamination Deodorizer
For odors resulting from water damage, resistant build-up and mustiness

- Used from 4-1 mile to straight depending upon severity and intensity of odor
- BotaniPhase represents the newest renewable and sustainable plant derived natural deodorizing technology for odor elimination and decontamination
- Whether you have a carpet, textile or porous or non-porous hard surface, BotaniPhase works to safely and effectively clean and deodorize that surface
- Restoration and Remediation Sites
- Contents Cleaning and Deodorization
- Carpet and Upholstery Cleaning
- Decontamination and Odor Control Jobs



Try BotaniPhase from... HydraMaster

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806-008 1 gallon
806-005 4 x 1 gallon

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UPS



Urine Pre-spray Neutralizing Treatment

UPS is for use as a urine contamination neutralizer and as an incredibly effective acid detergent spotter for treating tannin, salt, or alkaline based spots and spills on carpet and upholstery.

UPS is a special synergistic blend of acid neutralizers, detergents, odor counteractants, and decontamination deodorizers.

- UPS will effectively dissolve and dislodge alkaline salt residues that build up in urine deposits and neutralize sticky and gummy lipids and contamination which will make any urine deodorization solution work faster and more effectively. The specialty surfactants carry the active ingredients deep into the carpet and help to penetrate the carpet fiber for more effective treatment.
- Can effectively eliminate odor on some urine deposits. Pretreating the urine with UPS makes all enzyme and encapsulating pet odor deodorization solutions work faster and effectively.
- It can often be used to eliminate spots caused by coffee, tea, wine, soft drinks, as well as to neutralize and break down the build-up of many ice melt compounds in carpeting. UPS has a refreshing, clean scent.



Available in: 1 Quart, Case of 12 x 1 Quart, 1 Gallon, Case of 4 x 1 Gallon
Part # 800-475

Directions:

Please read the full label directions before cleaning.

For job treatment and neutralization of urine contamination and deposits:

1. Pre-treat all existing solutions in decontaminated areas with a colorfastness test prior to application.
2. Mix UPS 1 part solution with 4-6 parts water or hot water (depending upon severity of contamination).
3. Spray or lightly sprinkle solution evenly over the affected areas. Make sure that the UPS mixture comes in direct contact with the soiled material for most effective treatment.
4. Allow 3 to 10 minutes of dwell time.
5. On porous urine contamination, flush liberally and contact with a soft surface extractable tool or wand. Extract area thoroughly.
6. For faster drying, remove the use of an axial, centrifugal, or downward air mover after cleaning.

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UPS

Makes Any Pet Urine Deodorizer or Stain Treatment Work Faster and Better!



UPS is a special synergistic blend of acid neutralizers, detergents, odor counteractants, and decontamination deodorizers for use as a urine contamination neutralizer and as an acid detergent spotting solution.

It will effectively dissolve and dislodge alkaline salt residues that build up in urine deposits and neutralize sticky and gummy lipids and contamination which will make any urine deodorization solution work faster and more effectively.

UPS is also an incredibly effective acid detergent spotter for treating tannin, salt, or alkaline based spots and spills on carpet and upholstery.



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UPS Makes Any Pet Urine Deodorizer or Stain Treatment Work Faster and Better!

UPS - Urine Pre-spray Neutralizing Treatment

- It dissolves and breaks down the lipids that in the sticky stuff and salts that keep your favorite stain remover and/or deodorizer from working as effectively as they could.
- Whether you are using an encapsulating "cote" type deodorizer like **HydraMaster Walk-Off**, an enzyme deodorizer, or an oxidizing stain and odor remover like **HydraMaster URX** with **Multi-Pass**, incorporating the concentrated duo with UPS prior to application will save you time and make your treatment more effective.
- There is **NO** pre-treat and stain treatment job that UPS won't help us.
- UPS is the perfect treatment for dog and cat urine spots to remove all the traces of pet urine — whether on fabric or in a rug waiting to stain.

HydraMaster UPS Urine Pre-spray Neutralizing Treatment will make every pet odor and stain job go faster, easier, and more effectively.



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USR with MultiPhase



Oxidizing Urine Stain Remover with Deodorizing and Stain Removal Power

USR with MultiPhase uses the effervescent cleaning, stain removal, and deodorizing power of activated oxygen synergistically combined with the encapsulating and bonding odor elimination power of MultiPhase.

When applied as directed the vivacious, bubbling mixture goes right to work eliminating even the most stubborn urine stains, while the odor is eliminated through the power of oxidation and MultiPhase.

- It chemically modifies and deactivates the stain, eliminates the odor, and does so without leaving strong and potentially offensive fragrances or perfumes behind.
- It also contains anti-resoiling properties that keep the treated area from attracting residue.
- Best of all, with USR with Multi-Phase you use less product than with other powder oxidizers making it more economical.

Directions:

1. Please read the full label directions before applying.

2. This product is safe and effective on all synthetic carpets. Not recommended for wool carpet or other natural fibers.

3. Always test in an inconspicuous area for colorfastness before using.

4. Add 6 oz. of powder per gallon of water into the hottest water possible (over 100 degrees Fahrenheit) into bucket. See packet for 10 to 100 weights. Product should be used at the location it will be used. Mix one gallon in 2.5 gallon bucket. The more you mix by the tap in about two minutes.

5. Consider pulling back contaminated carpet and disposal of carpet cushion, if needed, and the cushion with appropriate caution.

6. Saturate carpet with mixed USR solution.

7. Allow 10-30 minutes of dwell time.

8. Contact retailer from carpet. For best results, use a saturation extraction wand or tool.

9. Check carpet for color and texture (steps 7-9) if needed.

10. Repeat new carpet installation if necessary.

11. Always dispose of any treated waste material as applicable. Alternatives apply.

12. Apply Wash, Set, T if any stain remains after above procedure.



Available in 6.5 Pound Jar, Case of 4 x 6.5 Pound Jar
Part # 001-100



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USR with MultiPhase

Oxidizing Urine Remover with Deodorizing and Stain Removal Power



USR with MultiPhase uses the effervescent cleaning, stain removal, and deodorizing power of activated oxygen synergistically combined with the encapsulating and bonding odor elimination power of MultiPhase. When applied as directed the mixture goes right to work eliminating even the most stubborn urine stains, while the odor is eliminated through the power of oxidation and MultiPhase.

It chemically modifies and deactivates the stain, eliminates the odor, and does so without leaving strong and potentially offensive fragrances or perfumes behind. It also contains anti-resoiling properties that keep the treated area from attracting residue.



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USR with MultiPhase

Oxidizing Urine Stain Remover with Deodorizing and Stain Removal Power



USR with MultiPhase uses the effervescent cleaning, stain removal, and deodorizing power of activated oxygen synergistically combined with the encapsulating and bonding odor elimination power of MultiPhase. When applied as directed the mixture goes right to work eliminating even the most stubborn urine stains, while the odor is eliminated through the power of oxidation and MultiPhase.



Try USR with MultiPhase from



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HydraSolv



High Powered Tile and Grout Cleaner and Degreaser

HydraSolv™ is a high powered cleaning and degreasing agent specifically formulated for ceramic, porcelain, and quarry tile floors and their grout lines.

HydraSolv is used as a pre-spray or pretreatment on tile and grout to loosen, breakdown, dissolve, and emulsify even the grimeiest of soils.

- High powered cleaning and degreasing agent, specifically formulated for ceramic, porcelain, and quarry tile floors, and their grout lines.
- It can be used on residential or commercial tile floors, and other hard surfaces, indoors and outdoors.
- HydraSolv is formulated to be used as a pre-treatment on floors being cleaned with an auto-scrubber or in a mop and rinse system.
- HydraSolv is also an excellent cleaner for hard surfaces that have been exposed to fire and smoke as it effectively removes soot.

Directions:

Please read the full label directions before cleaning.

As a pre-treatment/pre-spray for tile and grout floors:

1. Prepare all cleaning solutions in an inconspicuous area for comprehensive proof of application.
2. For maximum efficiency, apply HydraSolv with a sprayer or pump sprayer to hard surfaces of ceramic, porcelain, and floor treated by your high performance grout, restorer or sealant. The seal also acts as a "pre-sol" pre-treatment, or directly on factory powered sprayer. Apply in even overlapping patterns.
3. For long term stain cleaning, pre-spray with 1 quart HydraSolv mixed with 1 gallon hot water (20 gallons of solution with one gallon of spray), for maximum cleaning. Mix HydraSolv 1 part solution to 16-20 parts water. For standard spot spray, mix one quart water with two quarts of cleaner into 5-gallon container.
4. Allow solution to dwell 2-5 minutes. Also agitate with brushes (compatible with tile and grout) or scrubber.
5. Contact the supplier adding the RX-30 Roboey Extractor. Test with hard surface maintenance, for RX-30-H Roboey Hard Surface Test, or any high pressure acid compatible with hard surface floors.
6. For best drying, consider the use of an acid neutralizer, or bleach or rinse after cleaning.



Available in: 1 Gallon, Case of 4 & 1 Gallon
Part # 150-105



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Need a solution for cleaning those greasy, grimy tile floors?
Time for a high powered cleaner and degreaser

Get results with HydraSolv

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Need a solution for cleaning those greasy, grimy tile floors?

get HydraSolv

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HydraBoost CT



High-Powered Concrete and Tile Cleaner and Degreaser/Booster Additive

HydraBoost CT is a powdered, high-powered concrete and tile and grout cleaner and degreaser designed to safely and effectively dissolve, break down, dislodge, and emulsify even the grimeiest soils.

HydraBoost CT safely and effectively eliminates even the grimeiest soils from concrete, finished concrete, and ceramic, porcelain, and quarry tile floors and surfaces.

- Alkaline cleaning agents and heavy duty surfactants are activated by the power of oxygen to allow the effervescent solution to get into every crack, crevice, and pore. It is the ideal cleaning agent for heavily soiled restaurant kitchen tile floors and other indoor and outdoor surfaces exposed to high levels of grease and oil contamination.
- HydraBoost CT will work with virtually any brush agitation system, automatic floor scrubber, or even a mop and bucket cleaning system.
- The oxygenated cleaning power also makes it an ideal boosting agent for finished and neglected carpet that has been exposed to high levels of oxygenated oils and grease. Simply add a couple of ounces to your favorite traffic lane cleaner/preconditioner.



Directions on a pre-treatment spray or tile and grout floor:

- Brush areas to be treated using. Use only as directed.
- This product is labor-saved tool. For normal cleaning, use 2 ounces of HydraBoost CT powder with one gallon of water or hot water into a professional sprayer. For intensive cleaning, use three to five ounces of powder with a gallon of water or hot water into a professional sprayer. For application through a little injection sprayer, use 10 oz. of powder and 10 container with water, use 1:1 dilution.
- Apply (insert) solution into sprayer evenly and directly across surface to be cleaned. We can use a pump-up sprayer or a battery-powered sprayer. If preferred, you can apply treated solution with a damp mop, sponge, or other appropriate professional equipment. If using a mop, for maximum application and surface cleaning, change your mop water often.
- Allow for 5-10 minutes of dwell time. For best results, if stain has been heavily absorbed, allow 15 minutes of dwell time as the solution has time to reach into the concrete pores.
- For best results, apply and scrub cleaning solution using water or hot water and a heavy agitated floor surface cleaner. For tight spaces or especially sensitive surfaces, use a hand surface cleaning tool or scrubbing brush with more water or hot water.
- Where areas have been treated thoroughly, allow floor to dry.



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HydraBoost CT, the Ideal cleaner for real world dirty tile and concrete!

High Powered Powder Enzyme Carpet Pre-Spray



HydraBoost CT is a powder, high powered concrete and tile and grout cleaner and degreaser designed to safely and effectively dissolve, break down, dislodge, and emulsify even the grimeiest soils from concrete, finished concrete, ceramic, porcelain, and quarry tile floors and surfaces. HydraBoost CT is an economical cleaner and degreaser designed to penetrate porous surfaces and dissolve the toughest build-up of oil and grease. Alkaline cleaning agents and heavy duty surfactants are activated by the power of oxygen to allow the effervescent solution to get into every crack, crevice, and pore. It does so without the use of harsh chlorinated solvents or mineral spirits, leaving the surface equally clean and residue free.



www.hydramaster.com | 800.426.1301 | 425.775.7272

HydraBoost CT - The ideal cleaner for real-world dirty tile and concrete!



Powder High Powered Concrete and Tile Cleaner and Degreaser/Booster Additive

HydraBoost CT is an economical cleaner and degreaser designed to penetrate porous surfaces and dissolve the toughest build-up of oil and grease. Alkaline cleaning agents and heavy duty surfactants are activated by the power of oxygen to allow the effervescent solution to get into every crack, crevice, and pore. It is the ideal cleaning agent for heavily soiled restaurant kitchen tile floors and other indoor and outdoor surfaces exposed to high levels of grease and oil contamination. It does so without the use of harsh chlorinated solvents or mineral spirits, leaving the surface equally clean and residue free. The oxygenated cleaning power of HydraBoost CT also makes it an ideal boosting agent for finished and neglected carpet that has been exposed to high levels of oxygenated oils and grease. Simply add a couple of ounces of HydraBoost CT to your favorite traffic lane cleaner/preconditioner for the ultimate in cleaning power.

Try HydraBoost CT from



800.426.1301 8:30 am - 5:30 pm
800.723.8 4:45 pm - 12 pm
872.96.115.128 Use Code: US246



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MAXX TREME

PreSpray



Heavy Duty Powdered Pre-spray For Extremely Soiled Carpeting and Tile

Some floors are simply so dirty and heavily soiled you just have to throw the works at them. That is what MAXXTREME is all about. By using the cleaning power of alkalinity and combining state of the art low foaming surfactants and grease busting solvents, it binds, emulsifies, dissolves, breaks down and melts away the grime of soils.

MAXXTREME PreSpray is your FIRST CHOICE for LAST RESORT Cleaning for synthetic carpet and ceramic or porcelain tile.

It isn't just for restorative cleaning, it's for resurrection cleaning.



You know the jobs I am talking about:

- People who could easily star on the television show hoarders
- The guys and gals who rebuild their motorcycle engines... in their living room, because it is too cold outside
- That restaurant that has apparently never heard of using a degreaser in their kitchen.
- Folks who don't take very good care of their floors and expect you to perform a miracle

Why a powder?

- More cleaning power packed inside
- You aren't paying to ship water
- Mixed according to directions, MAXXTREME will cost you only around 70 cents per mixed gallon

It has a ready to use pH of 11.5-12, comes packed in a case of 4 four – 6.54 jars, and is available from your local HydraMaster distributor. You might even be able to pick up a free sample at an upcoming event to try it out!



Part # 850-148-B

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sales@hydramaster.com



MAXX TREME

PreSpray



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Some floors are simply so dirty and heavily soiled you just have to throw the works at them. That is what MAXXTREME is all about. By using the cleaning power of alkalinity and combining state of the art low foaming surfactants and grease busting solvents, it binds, emulsifies, dissolves, breaks down and melts away the grime of soils.

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Q.C.T. with OxyBreak



Peroxide Activated Quarry & Ceramic Tile and Concrete Cleaner and Brightener

QCT with OxyBreak™ is a synergistic combination of specialty surfactants, hydrogen peroxide, and D-Limonene that quickly cleans and brightens the grimeiest concrete, quarry tile, and ceramic tile and grout floors, fixtures, and walls.

QCT with OxyBreak™ will work effectively with hard surface attachments, as well as rotary and stationary hard surface cleaning wands.

- With the activating and foaming effects that OxyBreak™ has in citrus solvents, the solution penetrates every crack, crevice, and pore to emulsify and dissolve the most stubborn grime.
- QCT with OxyBreak™ brightens grout without attacking and demineralizing. It also self neutralizes so you don't need to worry about neutralizing the grout lines after cleaning them.
- It works effectively with hard surface attachments for the RX-20 Rotary Extractor, as well as rotary and stationary hard surface cleaning wands.



Available in: 1 Gallon, Case of 4 x 1 Gallon
Part # 900-100

Directions:
Please read the full label directions before cleaning.

1. Always pretest all cleaning solutions in an inconspicuous area for substrate prior to application.
2. For general cleaning, mix 2 quarts (2 quarts) of solution with a gallon of warm or hot water. (1 qt) mix a professional spray application. For heavy soiling, mix 64 ounces (two quarts) of solution with a gallon of warm or hot water into a professional spray applicator. For application through a standard injection sprayer, mix one quart water with four quarts of solution into 5 quart container.
3. Apply mixed solution evenly in an overlapping pattern across the surface to be cleaned. You can also apply mixed solution with a damp mop, sponge or other professional application equipment. If using a mop for routine application and surface cleaning, change your mop water often to make sure that the mop is not reapplying.
4. Allow solution to dwell for 2-10 minutes. Agitate grout lines with grout brush if needed.
5. For best cleaning and long-term results, agitate and react cleaning solution using hot water and a rotary extraction tool. In tight spaces, or on sensitive surfaces, use floor with hose/guard. Use a stationary hard surface cleaning wand or squeegee with warm water. Rinse the area thoroughly and allow to dry.
6. For faster drying, especially in humid environments, consider the use of an air-dry, conditioned, or dehumidifier at remote after cleaning.
7. Rinse sprayer used for solution application with water thoroughly after each use.



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Made in the USA



Have Tile To Clean?

QCT with OxyBreak is a Peroxide Activated Concrete, Quarry & Ceramic Tile Cleaner and Brightener



QCT with OxyBreak is a synergistic combination of specialty surfactants, hydrogen peroxide, and D-Limonene that quickly cleans and brightens the grimeiest concrete, quarry tile, and ceramic tile and grout floors, fixtures, and walls. It safely lightens and brightens grout lines without leaving water marks or residue. You get the advantage of hydrogen peroxide's brightening power without the problem because it's stabilized!



Part # 900-100



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have tile to clean?

get Q.C.T. with OxyBreak

Peroxide Activated Quarry & Ceramic Tile and Concrete Cleaner and Brightener

QCT with OxyBreak is a synergistic combination of specialty surfactants, hydrogen peroxide, and D-Limonene that quickly cleans and brightens the grimeiest concrete, quarry tile, and ceramic tile and grout floors, fixtures, and walls.

Part # 900-100
4 x 1 Gallon

Try QCT with OxyBreak today!

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HydraStone



Heavy Duty Stone and Tile Cleaning Solution

HydraStone Heavy Duty Stone, Tile and Grout Cleaning solution is specially formulated for the heavy duty cleaning of natural stone floors and surfaces, as well as tile and grout floors and walls.

HydraStone was specifically made to safely and effectively clean stone and tile surfaces, unlike most hard surface cleaners that contain water conditioning agents and harsh solvents that can actually etch and damage fine stone.

- HydraStone is designed to deep clean and restoratively clean marble, granite, limestone, travertine, slate & sandstone as well as ceramic, porcelain and quarry tile & grout. It also works to effectively dissolve and emulsify stubborn soils on masonry and concrete.
- HydraStone is designed to be applied as a pre-spray/pre-treatment spray to loosen, dissolve, break down and emulsify built-up soiling, and to assist in stain removal. It is the ideal stone and tile cleaner for stone and tile surfaces that have been affected by smoke and soot damage following a fire or furnace puff back.

Directions:

Please read the full label directions before cleaning.

- Always wear eye protection when using this product.
- Always use proper ventilation when using this product.
- Always use proper disposal methods when disposing of this product.
- Always use proper cleaning techniques when cleaning with this product.
- Always use proper safety precautions when handling this product.
- Always use proper storage methods when storing this product.
- Always use proper disposal methods when disposing of this product.
- Always use proper cleaning techniques when cleaning with this product.
- Always use proper safety precautions when handling this product.
- Always use proper storage methods when storing this product.



Available in: 1 Gallon, Case of 4 x 1 Gallon
Part # 580-777



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sales@hydramaster.com



Made in the USA



Leave no stone unturned or uncleaned!

Use HydraStone to effectively clean stone, tile and grout.

HydraStone Heavy Duty Stone, Tile and Grout Cleaning Solution is specially formulated for the heavy duty cleaning of natural stone floors and walls, as well as tile and grout. HydraStone contains no harmful conditioning agents that are commonly found in hard surface cleaners which can harm fine stone surfaces.

100% SATISFACTION GUARANTEE

Part # 580-777

Leave no stone unturned, or uncleaned!

HydraStone Heavy Duty Stone, Tile and Grout Cleaning Solution is specially formulated for the heavy duty cleaning of natural stone floors and surfaces, as well as tile and grout floors and walls. HydraStone contains no harmful conditioning agents that are commonly found in hard surface cleaners which can harm fine stone surfaces.

Try HydraStone from HydraMaster

100% SATISFACTION GUARANTEE

Part # 580-777, 425.775.7272, Case of 4 x 1 Gallon

www.HydraMaster.com

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HydraVitalize



HARD SURFACE
 8732 pH 2.0-3.0
 1:1:1
 Acid-Cleaning of tile & grout, granite, slate & sandstone

Acid Stone, Tile and Grout Revitalizing & Renewing Cleaning Solution

HydraVitalize is used to renew and restore stone, tile and grout that has not responded effectively to other types of cleaning, or that has been exposed to a build-up of hard water spots, mineral, grout haze, stains, dirt, pet urine deposits, rust and efflorescence. The acid cleaning action revitalizes and restores the appearance of ceramic, porcelain and quarry tile, as well as grout, granite, slate and sandstone.

HydraVitalize breaks down and removes scale and soap scum, removes the white haze caused by efflorescence and removes the oxidized and imbedded soil from porous grout.

- The acid cleaning action revitalizes and renews the appearance of ceramic, porcelain and quarry tile, as well as grout, granite, slate and sandstone.
- It uses a safer and milder proprietary acid than conventional acids so it emits fewer vapors and requires fewer precautions.
- This acid-based cleaner will etch or damage most marble, limestone and travertine surfaces, so only use on recommended surfaces and always pre-test in an inconspicuous area first.



Directions:

Read entire label before using. Use only on floors. Before cleaning, remove all surfaces are swept or vacuumed to remove loose debris.

Acid-Cleaning of tile and grout: When cleaning with acid solutions, use proper precautions to prevent injuries or spills onto metal surfaces, particularly stainless steel appliances.

1. Apply HydraVitalize. For normal soiling, mix 1 part solution with two parts water. For heavy soiling, mix 1 part solution with 1 part water. For routine maintenance, mix 1 part solution with 10 parts water.
2. Apply solution generously to floor with sprayer or mop.
3. Grout lines may need to be agitated with a grout brush.
4. For semi-abraded, polished and waxed stone surfaces using high pressure water in the water from a 1700-psi or higher surface attachment, and a floor scrubber, consider foot or high-pressure hand surface wand. Your portable or Tractorhead extractor should maintain a minimum of 800 psi and a maximum of 1300 psi. For more sensitive surfaces, consider using a hand surface wand or scrub mop with clean water and rinse. Specialty hand-held hand surface pressure cleaning tools will be very helpful when cleaning countertops, walls, entry mats, and in tight places.
5. For grout, it is important to maintain the cleaning solution residue. Mix one part HydraVitalize or HydroDek with 22 parts water or 10 apply for grout. Allow several minutes of dwell time or 15-20 min with water.
6. For faster drying, especially in humid environments, consider the use of air seal, carpeting, or floorwax as shown after cleaning.
7. After the floor has dried, consider the need for application of HydroSeal to grout surfaces to protect the grout.

HydraMaster
 We've Got Your Back

Available in: 1 Gallon, Case of 4 x 1 Gallon

Part # 560-732

Product cannot ship via freight



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Made in the USA



HydraVitalize
 Acid Stone, Tile, and Grout Revitalizing & Renewing Cleaning Solution

HydraVitalize is used to renew and restore stone, tile and grout that has not responded effectively to other types of cleaning, or that has been exposed to a build-up of hard water spots, mineral, grout haze, soap scum, pet urine deposits, rust, and efflorescence. The acid cleaning action revitalizes and restores the appearance of ceramic, porcelain and quarry tile, as well as grout, granite, slate and sandstone.



HydraMaster

Acid Stone, Tile and Grout Revitalizing and Renewing

get **HydraVitalize!**

HydraVitalize is used to renew and restore stone, tile and grout that has not responded effectively to other types of cleaning, or that has been exposed to a build-up of hard water spots, mineral, grout haze, soap scum, pet urine deposits, rust, and efflorescence. The acid cleaning action revitalizes and restores the appearance of ceramic, porcelain and quarry tile, as well as grout, granite, slate and sandstone.

800-792-0 1 Gallon
 425-775-4 4 x 1 Gallon

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HydraSeal



Premium Stone, Concrete, and Grout Water Based Sealer

Penetrates deep into porous surfaces and protects against water and oil based spills and stains, chemical degradation, biological growth, and efflorescence, while preserving the natural look of the surface, and not effecting slip resistance.

HydraSeal Premium Stone, Concrete, and Grout Water Based Sealer preserves and protects the investment in tile floors and surfaces by providing advanced penetrating bonded protection at the molecular level.

- HydraSeal can be used as an interior or exterior treatment.
- HydraSeal is the ideal product when applying a clear sealer to grout since it can be sprayed or sponged onto grout lines, and squeegeed or mopped off non-porous ceramic and porcelain tile, and stone, decreasing the application time.
- HydraSeal preserves the natural look of the surface, and does not affect slip resistance during cleaning.

DIRECTIONS:

Read entire label before using. Use only as directed. Visit our website for complete pre-treatment precautions. Before applying sealer, surface must be clean.

Sealing procedure:

1. Resealant - for porcelain, glazed ceramic, and other impervious non-porous tiles, apply sealer to the grout lines only.
2. HydraSeal Premium Stone, Concrete and Grout Sealer is ready to use and should be applied as a spray. Shake thoroughly before application. Coverage should be between 800 to 1200 sq. ft. per gallon depending on the porosity of the surface and the coverage required (not only on stone surfaces).
3. Sealer may be applied to stone surfaces approximately one hour after water has been removed from cleaning procedure. They dry to the touch. To ensure the penetration.
1. Apply sealer with grout line applicator. Squeegee excess onto grout and wipe up remaining oil of non-porous tiles. If a white haze develops on tiles, buff off with white polishing pad and a 175 rpm rotary floor machine.
2. For water base applications (stone or concrete) spray on until there is a good wet sheen with synthetic brush. A protected application method is to liberally apply as even coat using a paint roller or brush. Allow sealer to penetrate the surface for 15-30 minutes. During this time, 800 Watt wet/dry shop vacs can be used to remove excess product. Remove excess sealer by wiping white surface thoroughly with clean, dry towels. A second coat may be necessary after 1 hour. Place drop of water on freshly sealed grout, concrete, or stone and wait 2-3 minutes until grout, concrete, or stone is dry. It is then absorb ready than a second coat is necessary.



Available in 1 Gallon, Case of 4 x 1 Gallon
Part # 810-787



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