











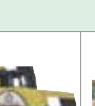
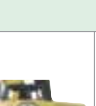




Lasers

Rotary/360° Laser Guide

											
Model	Bosch GRL300HV (see p. 101)	Bosch GRL400H (see p. 101)	Spectra LL300-2 (see p. 101)	Spectra UL633 (see p. 101)	Spectra GL412 (see p. 101)	Spectra GL422 (see p. 101)	Leica Rugby 100LR (see p. 102)	Leica Rugby 100 (see p. 102)	Leica Rugby 270SG (see p. 102)	Leica Rugby 280DG (see p. 102)	Leica Rugby 410DG (see p. 102)
Self-level H/V	Yes 5° / Yes 5°	Yes 5° / Yes 5°	Yes 5° / Yes 5°	Yes 14° / Yes 14°	Yes 5° / Yes 5°	Yes 5° / Yes 5°	Yes / No	Yes / No	Yes / No	Yes / Yes	Yes / Yes
Grade Capable	No	No	Yes - Manual	Yes - X, Y, Z ±25%	Yes - Single -10% to +15%	Yes - Dual -10% to +15%	Yes - Manual	Yes - Manual	Yes - Single ±15%	Yes - Dual ±15%	Yes - Dual -5% to +25%
In/Out Dia. Range Accuracy	n/a / 1,000' 1/4" @ 100' horizontal & vertical	n/a / 1,300' ±3/32" @ 100' horizontal	n/a / 1,300' 3/32" @ 100'	2,600' 1/16" @ 100'	2,000' 1/16" @ 100'	2,600' 1/16" @ 100'	n/a / 2,500' 1/16" @ 100'	n/a / 1,000' 3/32" @ 100'	2300' 1/8" @ 100'	2300' 1/8" @ 100'	2500'
Battery	(2) D	(2) D	(4) D	Rechargeable NiMH	Rechargeable NiMH	Rechargeable NiCd	Rechargeable NiCd	Rechargeable NiCd	Rechargeable NiMH	Rechargeable NiMH	Rechargeable NiMH
Rod Eye/Detector	Optional	Yes	Yes				Yes	Yes	Yes	Yes	Yes
Remote	Yes	No	Optional	Yes	Yes	Yes	No	No	No	No	Yes (optional)
Red Light /Scan	Yes	No	Yes / No				Yes / No	Yes / No	Yes / No	Yes / No	No / No
Wall Mount /Target	Yes / Yes	No	No / No				No / No	No / No	No / No	No / No	No / No
Water-proof	IP54	IP65	IP54	Water Resistant	IP66	IPX6	IPX6	IPX6	IP67	IP67	IPX7

Layout Laser Guide

													
Model	Bosch GLL3-80 (see p. 99)	Bosch GLL2-80 (see p. 99)	Bosch GLL2-50 (see p. 99)	Bosch GPL5 (see p. 99)	Bosch GPL3 (see p. 99)	Bosch GTL3 (see p. 99)	Bosch GTL2 (see p. 99)	Pacific Laser Systems PLS2 (see p. 100)	Pacific Laser Systems PLS3 (see p. 100)	Pacific Laser Systems PLS5 (see p. 100)	Pacific Laser Systems PLS90 (see p. 100)	Pacific Laser Systems PLS180 (see p. 100)	Pacific Laser Systems PLS360 (see p. 100)
Self-level	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Working Range/Accuracy	65' ±1/4" @ 100'	65' ±1/4" @ 100'	65' ±1/4" @ 100'	65' ±1/4" @ 100'	100' ±1/4" @ 100'	65'/±1/16" per 20'; ±1/8" per 20' between 45° & 90°	30' ±1/2" @ 30'	100' 1/8" @ 30'	100' 1/4" @ 100'	100' 1/8" @ 100'	±250' 1/8" @ 100'	±200' 1/8" @ 100'	±250' 1/8" @ 100'
Battery	(4) AA	(4) AA	(3) AA	(3) AA	3) AA	(4) AA	(3) AA	(3) AA	(3) AA	(3) AA	(3) AA	(3) AA	(3) D
# Lines/ # Points	360°	360°	2 / 0	0 / 5	0 / 3	3 / 0	2 / 0	2 / 0	0 / 3	0 / 5	2 / 1	360°	360°

Interior Layout Lasers



GLL3-80

Three Plane Leveling and Alignment Laser

- One 360° horizontal plane and two 360° vertical planes for level and align/plumb applications
- 1/4" and 5/8" tripod mounting
- Self-leveling up to 4°
- Range: 65'
- Accuracy: up to ±1/4" @ 100'
- Laser diode: 635-670 nm Class II
- Includes: WM1 positioning device, hard carrying case, (4) AA batteries

GLL2-80

Dual Plane Leveling and Alignment Laser

- One 360° horizontal plane and two 360° vertical plane
- 1/4" and 5/8" tripod mounting
- Self-leveling up to 4°
- Range: 65'
- Accuracy: up to ±1/4" @ 100'
- Laser diode: 635-670 nm Class II
- Includes: WM1 positioning device, hard carrying case, (4) AA batteries



GLL2-50

Self-Leveling Cross-Line Laser

- Vertical, horizontal and cross-line modes project two lines independently or together
- Highly visible laser lines with wide 130° horizontal and 160° vertical fan lines
- Freestanding base with magnets and 1/4" and 5/8" tripod mounting
- Self-leveling up to 4°
- Range: 65'
- Accuracy: up to ±1/4" @ 100'
- Laser diode: 635 nm Class II
- Includes: WM1 positioning device, belt pouch, (3) AA batteries, carrying case



GTL2

Laser Level Square

- Projects horizontal and vertical "chalk lines" on any surface
- Alignment guide for 90° layout
- Range: 65'
- Accuracy: up to ±1/2" @ 30'
- Laser diode: 635-670 nm Class IIM
- Includes: adhesive mounting strips



GPL5

5-Point Self-Leveling Alignment Laser

- Projects plumb, level and square points for precise positioning of tool and easy and accurate transfer of points
- Position and mount with magnets, strap or 1/4" and 5/8" tripod mounting
- Self-leveling up to 5°
- Range: 100'
- Accuracy: up to ±1/4" @ 100'
- Laser diode: 635 nm Class II
- Includes: multipurpose attachment, recalibration wrench, (3) AA batteries, mounting strap, carrying case



GPL3

3-Point Self-Leveling Alignment Laser

- Plumb and level point projection accurately transfers and aligns level, plumb, 90° and grade points
- Position and mount with magnets, strap or 1/4" and 5/8" tripod mounting
- Self-leveling up to 5°
- Range: 100'
- Accuracy: up to ±1/4" @ 100'
- Laser diode: 635 nm Class II
- Includes: multipurpose attachment, recalibration wrench, (3) AA batteries, mounting strap, belt pouch



GTL3

Wall/Floor Covering Laser

- Projects 90° lines for squaring
- Select 0° and 90° lines, plus optional 45° layout line, for 0, 45, 90 and 135 layout from a single set-up
- Magnet attachment
- Range: 65'
- Accuracy: up to ±1/16" per 20'; ±1/8" per 20' between 45° and 90° lines
- Laser diode: 635-670 nm Class II
- Includes: laser target, belt pouch, steel positioning plate, (4) AA batteries



Item #	Code	Description	Stock*
GLL3-80	BOS	Three Plane Laser	Y
GLL2-80	BOS	Dual Plane Laser	Y
GLL2-50	BOS	Cross-Line Laser	Y
GPL5	BOS	5-Pt. Laser	Y
GPL3	BOS	3-Pt. Laser	Y
GTL3	BOS	Wall/Floor Covering Laser	Y
GTL2	BOS	Laser Level Square	Y



BOSCH

Laser Distance Measurers



GLR225 Laser

- Accurate ±1/16" between 2" to 225'
- Seven measuring modes—length, area, volume, continuous minimum, continuous maximum, indirect length, multi-surface area
- Four measuring reference points—back, front, swing-out extension pin for measuring from inside corner or channels, center for use with optional tripod
- Laser diode: 630-670 nm Class II
- Includes (4) AAA batteries, belt pouch, hand strap



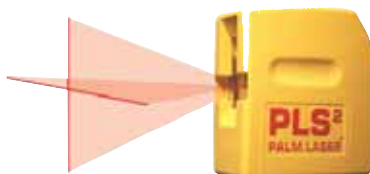
GLR825 Laser

- Accurate ±1/16" between 2" to 825'
- Eleven measuring modes—length, area, volume, continuous minimum, continuous maximum, single indirect, double indirect, combined indirect, stake out, trapezoid, multi-surface area
- Min./Max. measurement mode for accurate measurement to the shortest/longest distance from a fixed reference point
- Laser diode: 630-670 nm Class II
- Includes (4) AAA batteries, belt pouch, hand strap

Item #	Code	Description	Stock*
GLR225	BOS	225 Ft. Distance Measurer	Y
GLR825	BOS	825 Ft. Distance Measurer	Y

*Y = stock item; A = readily available by order

Interior Layout Lasers



PLS2

- Horizontal and vertical layout laser for short and mid-range interior applications
- Self-leveling: $\pm 6^\circ$
- Range: 100'
- Accuracy: $\frac{1}{8}''$ @ 30'
- Battery: (3) AA
- Includes batteries, wall bracket, manual and carrying pouch



PLS90

- Designed specifically for laying out 90° angles
- Self-leveling: $\pm 6^\circ$
- Range: $\pm 250'$ with optional SLD detector
- Accuracy: $\frac{1}{8}''$ @ 100'
- Battery: (3) AA
- Includes batteries, universal base, floor target, manual and carrying case



PLS360

- Provides a continuous horizontal 360° line of reference
- Self-leveling: $\pm 6^\circ$
- Range: $\pm 250'$ with optional SLD detector
- Accuracy: $\frac{1}{8}''$ @ 100'
- Battery: (3) D
- Includes batteries, ceiling wall bracket, manual and carrying case

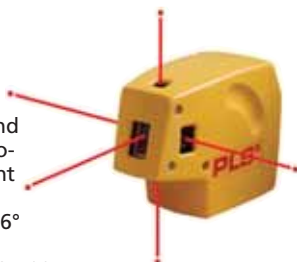
PLS3

- Plumb and level point-to-point alignment applications
- Self-leveling: $\pm 6^\circ$
- Range: 100'
- Accuracy: $\frac{1}{4}''$ @ 100'
- Battery: (3) AA
- Includes batteries, wall bracket, floor stand, manual and carrying pouch



PLS5

- Plumb, level and square point-to-point alignment applications
- Self-leveling: $\pm 6^\circ$
- Range: 100'
- Accuracy: $\frac{1}{8}''$ @ 100'
- Battery: (3) AA
- Includes batteries, wall bracket, pendulum layout target, floor stand, manual and carrying pouch



PLS180

- Plumb, level and square line laser
- Self-leveling: $\pm 6^\circ$
- Range: $\pm 200'$ with optional SLD detector
- Accuracy: $\frac{1}{8}''$ @ 30'
- Battery: (3) AA
- Includes batteries, wall bracket, manual and carrying pouch

Item #	Code	Description	Stock*
PLS2	PLS	Two Plane Laser	Y
PLS3	PLS	3-Point Laser	Y
PLS5	PLS	5-Point Laser	Y
PLS90	PLS	90° Layout Laser	Y
PLS180	PLS	180° Layout Laser	Y
PLS360	PLS	360° Layout Laser	Y

Laser Detectors/Sensors

Rod-Eye Plus

Full featured receiver has three bright LEDs, nine channel arrow display and audio output. Additional features include the double beep beam finder, last beam strike memory, low battery indicator, and reversible clamp for rectangular or oval rods.

- Working diameter: 1,500"
- Detection height: 2"
- Accuracy: $\pm .04''$ Fine / $\pm .08''$ Medium / $\pm .12''$ Coarse
- Automatic shut off: 30 minute
- Battery: (2) AA



LR-1

Rotary laser receiver has dual-sided LCD display for easy visual readout on both sides of receiver and built-in heavy-duty magnets for secure attachment. The LR-1 works with Bosch and all red-light rotary lasers.

- Range: 650'
- Accuracy: $\pm 1\text{mm}$ / $\pm 3\text{mm}$
- Battery: (1) 9V
- Includes mounting bracket and battery



Item #	Code	Description	Stock*
769810	LEI	Rod Eye Plus Receiver	Y

Item #	Code	Description	Stock*
LR1-BOS	LEI	LR-1 Receiver	Y

Interior/Exterior Layout Lasers



BOSCH

GRL400H

Fast Horizontal and Vertical Self-Leveling Laser

- Simple single button operation
- Accuracy: $\frac{3}{32}$ " @ 100' (horizontal and vertical)
- Range: 1,300' with detector
- $\frac{5}{8}$ -11 mount threading
- Self-leveling range: up to 5°
- Laser diode: 630-670 nm Class II
- Includes: GRL400H, LR1 laser receiver and bracket, (2) D batteries, carrying case



GRL300HV

Fast Horizontal and Vertical Self-Leveling Laser

- 90° plumb and layout beam
- Full selection of beam visibility enhancements for maximum visibility in all light conditions
- Accuracy: $\frac{1}{8}$ " @ 100' (horizontal and vertical)
- Range: 1,000'
- $\frac{5}{8}$ -11 mount threading
- Self-leveling range: up to 6°
- Laser diode: 630-670 nm Class IIIR
- Includes: GRL300HV, RCR1 remote control, (2) D batteries, laser glasses, wall mount, magnetic target, carrying case



Item #	Code	Description	Stock*
GRL400H	BOS	GRL400H Self-Leveling Laser	Y
GRL300HV	BOS	GRL300HV Self-Leveling Laser	Y

GL412

Single Grade Laser for Level, Grade and Vertical Alignment

- 2-way, full-function remote control to make grade changes from anywhere on the jobsite for reduced setup time and faster operation
- Fast, easy horizontal level, grade and vertical plumb setup with no manual leveling
- Accuracy: $\frac{1}{16}$ " @ 100'
- Range: 2,000'
- Grade range: -10 to +15%
- Self-leveling range: $\pm 5^\circ$ single axis
- Includes: HL700 receiver, rod clamp w/bubble vial, RC402 remote, (4) D NiMH batteries, charger, carrying case



GL422

Dual Grade Laser for Level, Grade and Vertical Alignment

- 2-way, full-function remote control to make grade changes from anywhere on the jobsite for reduced setup time and faster operation
- Fast, easy horizontal level, grade and vertical plumb setup with no manual leveling
- Accuracy: $\frac{1}{16}$ " @ 100'
- Range: 2,600'
- Grade range: -10 to +15% dual axis
- Self-leveling range: $\pm 5^\circ$
- Includes: HL700 receiver, rod clamp w/bubble vial, RC402 remote, (4) D NiMH batteries, charger, carrying case



Item #	Code	Description	Stock*
GL412	SPE	Single Grade Laser	Y
GL422	SPE	Dual Grade Laser	Y

Exterior Lasers/Grade Lasers

UL633

Universal Laser Provides Fast, Easy Horizontal Level, Grade and Vertical Plumb Setup

- Electronic Leveling Vibration Filter dampens vibrations
- Dual Automatic Axis Alignment to two desired alignment points without positioning the receivers 90° perpendicular ($\pm 40^\circ$ alignment range on Y- and X-axis)
- Spot Search uses the Spot Finder SF601 to find the center of the plumb beam manually
- Mask mode eliminates interference with other crews on the job site
- Different rotation speeds plus Scanning Mode
- Accuracy: $\frac{1}{16}$ " @ 100'
- Range: 2,600'
- Grade range: -25 to +25%
- Self-leveling range: $\pm 14^\circ$ single axis
- Includes: HL750 receiver, SF601 spot finder, rod clamp w/bubble vial, RC603 remote, (4) D NiMH batteries, charger, carrying case



Item #	Code	Description	Stock*
UL633-14	SPE	Universal Construction Laser	Y

LL300-2 Laser Kit

- Accuracy: $\pm \frac{3}{32}$ " @ 100'
- Receiver range with detector: 1,300'
- Self-leveling range: $\pm 5^\circ$
- Laser diode: 635-670 nm Class II
- Manual slope
- Power supply: 4 D's (rechargeable battery pack optional)
- Includes: HL450 Laserometer, rod clamp, 5-section aluminum rod, tripod, (4) D batteries, user guide, case



Item #	Code	Description	Stock*
LL300-2	SPE	LL300-2 Self-leveling Laser Kit	Y

Exterior Lasers/Grade Lasers



Leica
Geosystems

RUGBY™ 270SG Single Grade Laser

Fully automatic, single grade laser provides a level or single slope for flat work, site preparation, septic installation, trenching and more.

RUGBY™ 280DG Dual Grade Laser

Multipurpose laser with fully automatic, dual grade capability. Bright red beam, plumb beam, scan mode, horizontal and vertical self-leveling, and dual grade up to 15% in both axes.

Features	Rugby 270SG	Rugby 280DG
5-button operation	Yes	Yes
Height alert	Yes	Yes
Bright, visible beam	Yes	Yes
Beam masking	Yes	Yes
90° Plumb beam	No	Yes
Vertical operation	No	Yes
RF remote control	No	330'
Operating radius	1,150'	1,150'
Grade capability	Single axis ±15%	Dual axis ±15%
Rotating speeds	10, 15	0, 2, 5, 10
Scanning modes	No	10, 45, 90°
Self-leveling accuracy	1/16" @ 100'	
Grade accuracy	1/8" @ 100'	
Self-leveling radius	±5°	
Laser diode	635 nm	
Size (H x W x D)	7.8 x 9.8 x 6.9 in.	
Weight	6.5 lb. with batteries	
Operating temperature	-4° to 122°F	
Battery type	Alkaline or rechargeable NiMH	
Battery life	70 hours alkaline, 40 hours rechargeable	
Environmental	IP67	
Warranty	Two year w/knockdown warranty	

Item #	Code	Description	Stock*
6003543	LEI	RUGBY 270SG, Rod Eye Plus, Battery Pack & Case	Y
6003551	LEI	RUGBY 280DG, Rod Eye Plus, Battery Pack & Case	Y

*Y = stock item; A = readily available by order

RUGBY™ 410 DG Dual Grade Laser

- Rotating speeds: 5, 10, 15, 20 rps
- Accuracy of $\pm 1/16"$ @ 100' distance and a range of 2500' diameter
- Grade capability of -5 to +25% in either axis and -5 to +15% in both axes
- Levels over the entire grade range up to 25%—does not shut off
- Dual battery options and ports
- Simple five button keypad
- Infrared beam
- Elevation alert indicator
- Low battery indicator
- Housing made from co-molded rubber and high-impact plastic
- Enclosed head for maximum internal component protection
- Two year factory warranty

Item #	Code	Description	Stock*
6003520	LEI	RUGBY 410DG, Rod Eye Plus, Rechargeable Battery Pack, Charger & Case	Y

RUGBY™ 100 & RUGBY™ 100LR Self-leveling Lasers

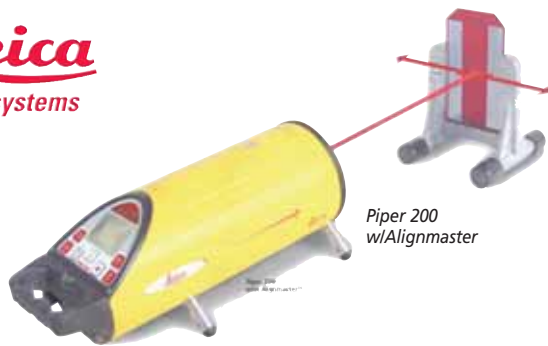
Manual mode allows you to set grade up to 10%



- Automatic self-leveling: no more bubbles or external level vials used - set it down and RUGBY levels itself
- Rugby 100 has an accuracy of $3/32"$ @ 100' distance and a range of 1000' diameter
- Rugby 100LR has an accuracy of $1/16"$ @ 100' distance and a range of 2500' diameter
- Out-of-level indicator light & elevation interruption alert
- Two year factory warranty

Item #	Code	Description	Stock*
6003496	LEI	RUGBY 100, Rod-Eye Plus, Rechargeable Battery Pack, Charger & Case	Y
6003502	LEI	RUGBY 100LR, Rod-Eye Pro, Rechargeable Battery Pack, Charger & Case	Y

Pipe Lasers & Accessories For Underground Applications



Piper 200 w/Alignmaster

Piper 200 Beam Aligner

- Only self-leveling pipe laser that fits inside a four inch pipe
- High output red beam; 635 nm laser diode; working range: 650'
- Grade capability: -10% to +25%
- Self-leveling capability: -15% to +30%
- Line movement: 20' @ 100"
- Cast aluminum housing; 100% waterproof to IPX8
- Lithium-ion battery provides up to 40 hours of power
- Piper 200 features the Alignmaster function, an automatic target recognition system that finds and centers the beam on the target to greatly reduce the time required for second day set-ups



Optional trivet assembly

Item #	Code	Description	Stock*
748710	LEI	Piper 200 laser w/Alignmaster, carrying case, 6" feet, IR remote control, target assembly w/small insert (300 mm, red), lithium-ion battery & charger (inc. AC & car adapter), user manual	A
746159	LEI	Mounting bracket for scope	A
746160	LEI	Scope & mount assembly	A
746161	LEI	6" foot (laser takes 4)	A
746462	LEI	8" foot (laser takes 4)	A
746163	LEI	9" foot (laser takes 4)	A
746164	LEI	10" foot (laser takes 4)	A
746165	LEI	12" foot (laser takes 4)	A
746158	LEI	Trivet assembly w/mounting bracket (Piper 200)	A



Drop Manhole Assembly w/Handle (6700 Series) #725987

Transit Tower Assembly (universal) #725915

Multiple Speed Blower (universal) #731493

Adjustable Trivet w/Handle (6700 Series) #725989

Pipe Laser Accessories - Universal & 6700 Series Pipe Laser

Item #	Code	Description	Stock*
725915	LEI	Transit Tower Assembly	A
731493	LEI	Multiple Speed Blower	A
725989	LEI	Adjustable Trivet w/Handle (6700 Series)	A
725987	LEI	Drop Manhole Assembly w/Handle (6700 Series)	A

*Y = stock item; A = readily available by order

Automatic Optical Levels

- Capable of withstanding severe conditions, including rain, extreme temperature, dust and vibration
- Built-in bubble mirror, angle circle and sighting lines
- Continuous slow motion screws for more precise alignment
- Base plate compatible with all tripods



AX-2S



AC-2S



Model	Nikon AC-2S	Nikon AX-2S
Item #	6154PFI	6155PFI
Code	NIK	NIK
Magnification	24x	20x
Accuracy	±2.0 mm	±2.5 mm
Compensator	Magnetic Dampened	Magnetic Dampened
Aperture	30 mm	30 mm
Shortest Focus	0.75 m	0.75 m
Environmental	Water & dust resistant	Water & dust resistant
Stock*	Y	A

Machine Control Receivers



Bullseye™ 6 Receiver

Automatically corrects the grade display for the angle of the dipper arm – extended or retracted up to 30° – allowing the operator to quickly check grade in multiple locations without moving the machine.

- Reception range: 2,000 ft./360°; vertical reception: 8.50"
- Green on-grade: yes
- Remote display: on-grade deadbands - 4 cut-fill/4 excavate fine - 0.4"/0.5" (10/1) standard - 0.8"/1.0" (20/25mm)
- Plumb swing range: standard ± 2.5°; wide ±10° to ±30°
- Autosht-off: 75 minutes; low battery indicator
- Waterproof
- Power: AT1991320-02 - (4) C; AT1991321-02 - (4) NiMH

Magnetic Mount

- Designed for quick installation on excavators and backhoes without welding to the machine
- Mount works with all Bullseye models
- Two heavy-duty magnet banks provide 900 pounds of force
- The Bullseye attaches to the mount using its standard clamps, which allows a large adjustment range on the magnetic mount pole
- Designed to also accept the plumb sensor



Item #	Code	Description	Stock*
AT1991326-02	APA	Bullseye™ 6 Receiver w/Rechargeable Battery Pack & Magnetic Mount	Y
AT1991320-02	APA	Bullseye™ 6 Receiver	A
AT1991360-02	APA	Magnetic Mount	A



LR50 Receiver

- Built-in blade-tilt and plumb indicators
- Up to six channels of grade information plus directional out-of-beam indicators
- Reception: 360° Beam; 6.75" Vertical
- Center On-Grade accuracy: 0.2" Fine / 0.4" Standard / 0.8" Wide
- Offset On-Grade accuracy 0.5" Fine / 1.0" Standard / 2.0" Wide
- Plumb Swing & Blade-Tilt accuracy: ± .5°; ±1.5°, ±2.5°
- Includes NiMH batteries



Item #	Code	Description	Stock*
LR50	SPE	LR50 Laser Display Receiver	Y

Theodolites

CST/berger

DGT10 Digital Theodolite

- 5-10 second switchable horizontal and vertical angle readout
- Magnification: 30x
- Leveling accuracy @ 100': 1/16"
- H/V angle accuracy: 10"
- Optical plummet: 3x
- Power: four AA batteries
- Environmental: water resistant/sealed construction
- 2 LCD panels with large, easy-to-read numbers
- Crosshair and display panel illumination built-in
- Clockwise/counterclockwise horizontal angle measurement options
- Three different ways to read vertical angles
- Auto power off option: if unit is not moved it will shut off in 20 minutes, 30 minutes or infinity
- One-year warranty



Item #	Code	Description	Stock*
56-DGT10	CST	Berger Digital Theodolite	Y

Nikon

NE100 Theodolite

- Positioning techniques: 90° layout, checking angles, alignment and plumb, short-range grade work and leveling
- Magnification: 30x
- Leveling accuracy @ 100': 60"/2 mm
- H/V angle accuracy: 10"
- Optical plummet: 2.2x
- Power: six AA batteries
- Environmental: water and dust resistant
- Large display and keyboard make it easy to learn and use
- Display and scope illumination for longer working hours in low light conditions
- Includes: carrying case



Item #	Code	Description	Stock*
HRA74100	NIK	NE100 Theodolite	Y

Hand-Held Levels

Sight Mark 2

Two-and-a-half power magnification for more precise checking and greater range of applications. Vial is magnified six times. Sturdy brass construction.

CST/berger



Item #	Code	Description	Stock*
5502-1	CST	Sight Mark 2	Y

*Y = stock item; A = readily available by order

Tripods

CST/berger

Heavy-duty Value Line Tripod

- Thick gauge anodized aluminum extrusions
- 66" open, 40" closed
- Hardened steel tripod shoe points
- Electrostatically powder painted castings for a durable and long-lasting finish
- 5/8"-11 thread, flat head
- 12.5 lb.
- Heavy-duty poly webbing shoulder strap



Item #	Code	Description	Stock*
60ALQR120	CST	Adjustable Tripod	Y

Surveyor's Leveling Rods

CRAIN

Telescoping Fiberglass Rod

- Reinforcing ribs to resist breakage and add stability
- Graduations are imprinted in equal widths the entire length of rod
- Special measuring scale on back side of rod allows user to read overall height at eye-level
- Waterproof, corrosion-resistant and nonconductive
- Reliable, unbreakable lock buttons securely lock sections together; designed to resist jamming from sand or dirt
- Disassembles easily and each section is numbered for identification



SVR Series CR Series

SVR Series Surveying Leveling Rods

- Rectangular-oval shape with recessed graduations
- Scales are glare-resistant and wear-protected with an abrasion-resistant coating
- Includes carrying case

CR Series Construction Leveling Rods

- Rectangular in shape with rounded back corners

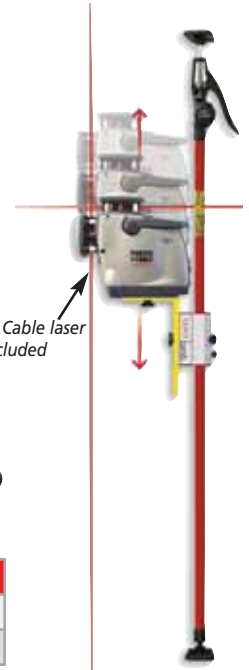
Item #	Code	Description	Stock*
90343	CRN	SVR Series: 16'/10ths/4 sections	Y
98010	CRN	SVR Series: 25'/10ths/6 sections	Y
90344	CRN	SVR Series: 16'/8ths/4 sections	A
90388	CRN	SVR Series: 5.0 Philly Metric	A
92041	CRN	CR Series: 16'/10ths/4 sections	Y
92042	CRN	CR Series: 16'/8ths/4 sections	Y

Laser Clamp



3rd Hand HD Bracing

- Provides support, bracing and clamping whenever you are short-handed
- Extends 5' to 12' and has ball detents every 1" for positive locking
- Applications: crown moulding, shower enclosures, glued-down flooring, dust barriers, backsplashes, cabinets, drywall, load stabilizer



Laser Mount

- Easily slides onto any 3rd Hand HD, turning instantly into a precision laser positioning device



Porter Cable laser not included

Item #	Code	Description	Stock*
3HANDHD	FC	3rd Hand HD Brace	Y
3HLASERMOUNT	FC	Laser Mount	A

CST/berger

Telescoping Aluminum Rod

- Made of a light and durable aluminum alloy
- Anodized sections are imprinted with special weather resistant and corrosion resistant inks
- Tight tolerances on extruded aluminum sections allow for smooth extension and prevent unnecessary clattering and sloppiness
- Sectional joints are injection molded from a durable, lightweight impact-resistant plastic
- Rods are equipped with reliable and wear-resistant polycarbonate buttons that lock each section
- Easy-to-read graduations and a special measuring scale on the backside permit users to read height at eye level



06-816 06-816C

Item #	Code	Description	Stock*
06816	CST	16'/Feet & 10ths/5 sections	Y
06816C	CST	16'/Feet & Inches/5 sections	Y

Need Assistance?
Call Our Customer Service

*Y = stock item; A = readily available by order

Levels/Transit Levels

20X Speed Line Level & Transit Level

- 1/4" accuracy @ 100'
- Working range 200'
- Have clamps and tangents that bring your instrument quickly on target
- Designed for builders who require rough angle turning and fine tuning adjustments
- Includes: level or transit level, #60ALQC21 tripod, #06-808C rod, carrying case and manual



Item #	Code	Description	Stock*
54190K	CST	20x Speed Line Level Kit	Y
54200K	CST	20x Transit Level Kit	Y

20X EconoLine Level Kit

- 1/4" accuracy @ 100'
- Working range 200'
- Fast setup - simple to use
- Designed strictly for leveling, no circles or vertical arcs
- Kit includes: #60ALQC21 tripod, #06-808C rod, carrying case and manual



Item #	Code	Description	Stock*
54135K	CST	20x Econoline Level Kit	Y

Magnetic Locators

CST/berger

Magna-Trak® Magnetic Locators

CST/Berger offers a complete line of locators, all featuring an LCD visual display and/or audio tone; a lightweight, easy-grip design; easy access battery compartment; water resistant cases; and "High-Tech" magnetic toroidal sensors and unique electronic balancing circuitry.



Please call for technical information and pricing on all magnetic locators.

*Y = stock item; A = readily available by order

Reels & Plumb Bobs

Gammon Reels®

An aid to set up and deploy a clean, accurate plumb. Slip the reel into your palm, draw the bob to desired position and stop with finger pressure. Steel clock spring zips the string back into case.



Item #	Code	Description	Stock*
GRHD	CST	12'/3.6 m Gammon Reel®	Y

Brass Plumb Bobs



Item #	Code	Description	Stock*
11-497	CST	6 oz. (170g)	A
11498	CST	8 oz. (225g)	Y
11499	CST	10 oz. (285g)	Y
11550	CST	12 oz. (340g)	Y
11551	CST	14 oz. (400g)	Y
11552	CST	16 oz. (455g)	Y
11-553	CST	18 oz. (510g)	A
11-554	CST	24 oz. (680g)	A
11-554A	CST	32 oz. (910g)	A
1155B	CST	Extra point only	Y

Temperature Measurers

DeltaTRAK Min/Max Digital Thermometer

- High/low temperature alarm setting
- Internal sensor temperature range: 14°F to 122°F (-10°C to 50°C)
- External sensor temperature range: -58°F to 158°F (-50°C to 70°C)
- Min/max memory



Item #	Code	Description	Stock*
12207	DT	Min/Max Digital Thermometer	Y

MicroTemp Infrared Thermometer

MT-PRO IR Thermometer with Laser Sight

- Measurement range: -76°F to 932°F
- Distance to spot size: 11:1
- Accuracy: ±2°F
- Response time: >1 second

MT-100 Compact Thermometer

- Measurement range: -27°F to 230°F
- Distance to spot size: 1:1
- Accuracy: ±2°F
- Response time: 1 second



Item #	Code	Description	Stock*
MT-100	MIC	Compact IR Thermometer	Y
MTPRO	MIC	IR Thermometer w/Laser Sight	Y

Two-Way Radios



RDX Series Features

- 27 VHF or 89 UHF business band frequencies and 122 codes to help ensure a clear signal
- 2,000 mW of audio output, speaker magnetic field reduction, wind noise reduction and improved RF specifications
- Meets Military 810 C, D, E and F and IP54/55 specifications for shock, rain, humidity, salt, fog, vibration, sand/dust, temperature shock, and high and low temperature
- Metal die cast chassis
- Li-ion battery for up to 12 hrs. per charge
- Scan, manager lock, cloning capability, power select, VOX
- Programming software allows user to quickly identify serial number, features, frequency range and more (separate USB cable required)
- RDX Series is compatible with the Motorola XTN Series, AX Series, CLS Series and other radios operating on the same frequency and code

VHF Jobsite Radio										
Item #	Code	Transmit Power	# of Channels	Additional Features	Weight	Range Indoors	Range in Warehouse	Stock*		
RDV2020	MOT	2 Watt	2		8.6 oz.	10 floors	220,000 sq. ft.	Y		
RDV2080D	MOT	2 Watt	8	Display, Channel Aliasing, Battery Gauge, Signal Strength Indicator, Front Panel Buttons, Keypad Lock, iVOX	8.6 oz.	10 floors	220,000 sq. ft.	Y		
UHF Jobsite Radio										
Item #	Code	Transmit Power	# of Channels	Additional Features	Weight	Range Indoors	Range in Warehouse	Stock*		
RDU2020	MOT	2 Watt	2		8.6 oz.	20 floors	250,000 sq. ft.	A		
RDU2080D	MOT	2 Watt	8	Display, Channel Aliasing, Battery Gauge, Signal Strength, Front Panel Buttons, Keypad Lock, iVOX	8.6 oz.	20 floors	250,000 sq. ft.	Y		
RDX Series Radio Accessories										
Item #	Code	Description							Stock*	
53862	MOT	Remote Speaker Headphone - clips on a shirt or collar							Y	
NNTN4190A	MOT	Replacement NiMH Battery for XTN Series							Y	
RLN6351B	MOT	Replacement NiMH Battery for RDX Series							Y	

Negative Air Machine

NOVAIR 2000 w/HEPA Filter

Portable, electrically powered, air filtration machine uses a three-stage filtering system to filter air and remove suspended airborne particulates.

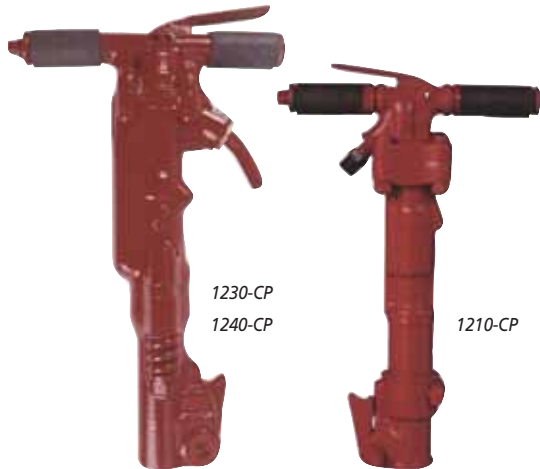
- Powerful two hp, two speed motor generates exceptional, consistent air flow at 2,000 cfm and 1,000 cfm
- Eight point motor and cage mounting prevents shifting
- Seamless construction guarantees leak-proof operation
- Unit is easily transported by two operators
- Uses standard 24"x24"x11.5" HEPA filter
- Power: 115 V, 15 amps, 60 Hz
- Size: 37"x26"x31"; 135 lb.

Item #	Code	Description	Stock*
F2100	NOV	Novair 2000 Negative Air Machine	A



*Y = stock item; A = readily available by order

Demolition Tools



1230-CP
1240-CP

1210-CP

1210-CP Breaker

CP-1210 demolition tools are lightweight yet rugged tools designed for light to medium construction and plant maintenance work such as light demolition of floors, pavement, bridge maintenance, macadam, frozen ground and masonry walls.

1230-CP and 1240-CP Breaker

These demolition tools are designed to deliver the power and durability necessary for a variety of construction and plant maintenance applications such as breaking heavy concrete, reinforced concrete, frozen ground, macadam, boulders and pavement.

Item #	Code	Class	Hex Chuck Size	Air Consumption @ 90 psi	Weight	Length	Stock*
1210-CP	CPC	35 lb.	1 x 4 1/4"	48 cfm	44 lb.	20"	Y
1230-CP	CPC	60 lb.	1 1/8 x 6"	63 cfm	65 lb.	26 1/2"	Y
1240-CP	CPC	90 lb.	1 1/8 x 6"	81 cfm	83 lb.	28 3/4"	Y

Chipping Hammer

Model 4131-CH

- Lightweight and easy to use and maintain
- Ball type retainer
- D handle with outside trigger



Rivet Buster

Models 4608P & 4611P

These tools are excellent for medium to heavy concrete demolition, cutting large rivets and bolts, and other cutting and ripping operations.

- Air consumption: 45 cfm
- Air inlet: 1/2"
- Chuck size: .890 x 1.125" taper



Item #	Code	Blows Per Minute	Cylinder /Stroke	Handle	Weight	Length	Stock*
4608P	CPC	1,080	Short/8"	8" Open	30 lb.	23"	A
4611P	CPC	720	Long/11"	11" Open	33 lb.	26"	A

Item #	Code	Blows Per Minute	Bore & Stroke	Busing Size	Weight	Length	Stock*
4131-CH	CPC	1,900	3"	.580" Hex	19 lb.	17 1/2"	A



32-A1

9A
9F

14RR

Rock Drill

These versatile tools are both a drill and a chipping hammer. They are designed for a wide variety of construction and maintenance applications such as driving or setting masonry anchors and drilling holes in concrete, bricks or rock. As a hammer, these tools can be used for chipping, scarifying, scaling and cleaning welds.

Item #	Code	Class	Chuck	Air Consumption @ 90 psi	Weight	Overall Length	Stock*
32-A1	CPC	34 lb.	7/8 x 4 1/4" Hex	103 cfm	54 lb.	23"	Y
9A	CPC	—	3/4 x 3 3/4" Round	20 cfm	8 lb.	14 3/4"	A
9F	CPC	—	Spline Drive	20 cfm	8 lb.	14 3/4"	A
14RR	CPC	—	7/8 x 3 1/4" Spring Hex	32 cfm	15 lb.	18 1/2"	A

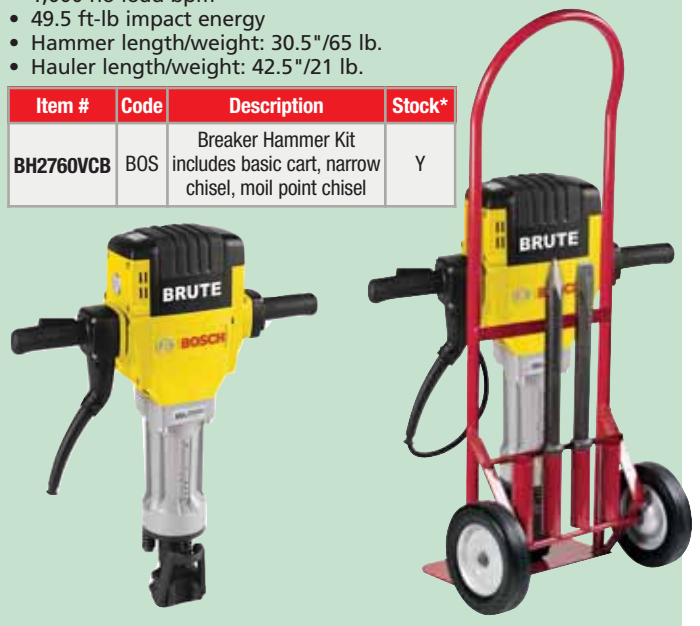
Brute™ Pavement Breaker Kit



BOSCH

- 115/120V AC/DC; 15 amps
- 1,000 no load bpm
- 49.5 ft-lb impact energy
- Hammer length/weight: 30.5"/65 lb.
- Hauler length/weight: 42.5"/21 lb.

Item #	Code	Description	Stock*
BH2760VCB	BOS	Breaker Hammer Kit includes basic cart, narrow chisel, moil point chisel	Y



Post Drivers

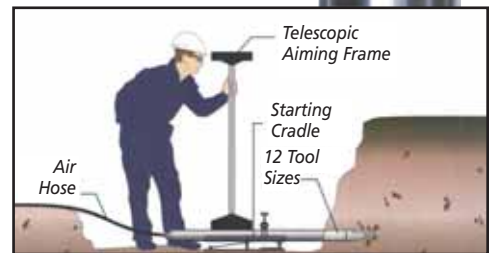
Easily operated by one man, Rhino post drivers deliver up to 1,700 blows per minute. One moving part, a reciprocating piston, strikes directly on the post or drive cap. The drivers have low consumption rates, are lightweight and hand portable, and are ideal for driving in places that are hard to reach.

In seconds, you can drive telespar, channel posts, C-posts, delineator posts, pipe, sand points, ground rods, T-posts, anchors, Z-posts, large tent pegs, I-posts, W-posts, concrete form pins, beams, round, square or rectangular tubing, wood posts, stakes, or any shape up to 4" in diameter.



Item #	Code	Description	Chuck Adapters (sold separately)	Weight (lb.)
PD39P	RHI	Lightweight, Medium Duty Panel Post Driver with 2½" Master Chuck	—	41
PD45	RHI	Light Duty Post Driver with 3" Master Chuck	2½", 2", 1½", 1"	46.3
PD55	RHI	Medium Duty Post Driver with 3¾" Master Chuck	3½", 3", 2½", 2", 1½", 1"	54.6
PD110	RHI	Medium/Heavy Duty Post Driver with 4¼" Master Chuck	3¾", 3", 2½", 2"	109.16
PD140	RHI	Heavy Duty Post Driver with 4¼" Master Chuck	3¾", 3", 2½"	138.40
600000	RHI	Throttle Valve Kit with 2" Hose Whip - use with PD45, PD55, PD110 & PD140		
601128	RHI	Filter-Regulator-Lubricator - use with all post drivers for operator safety & post driver protection		

Boring Tools



**GOT QUESTIONS?
WE KNOW THE ANSWER!**

RIDGID

TOOLS FOR THE PROFESSIONAL™ ...

Drain Cleaning Equipment



Tubing Tools



Threading Equipment



Pipe Tools

SeeSnake® micro™ Inspection Camera



Call us for complete product information or visit www.ridgid.com. We can provide you with pricing for your next project.

Please call for technical information and pricing.
Items on this page are nonstock but readily available by order

Compressors



5.5 HP Gas Compressor

- 5.5 hp, 4-cycle Honda gas engine
- 8.9 cfm delivered @ 100 psi
- 1,040 rpm
- 34 oz. pump oil capacity
- 9 gallon tank capacity
- 174 lb.



Item #	Code	Description	Stock*
4090HK17	RLA	5.5 HP Gas Compressor	Y

1.5 HP Electric Compressor

- 1.5 hp engine
- 6.9 cfm delivered @ 100 psi
- 1,755 rpm
- 34 oz. pump oil capacity
- 9 gallon tank capacity
- 174 lb.



Item #	Code	Description	Stock*
5715K17	RLA	1.5 HP Electric Compressor	Y



2 HP, 4 Gallon Electric Hand Carry Compressor

- 4.3 cfm @ 90 psi
- 120V; 15 amps; single phase
- 4 gallon twin stack tank
- Cast iron, oil lubricated pump cylinder enhances pump life



Item #	Code	Description	Stock*
P1IU-A9	IR	2 HP Electric Compressor	Y



1.6 HP, 15 Gallon Electric Workshop Compressor

- 5.0 cfm @ 100 psi
- Oil free, maintenance free pump
- Compact design allows for the compressor to be easily moved, transported, and stored
- Wide track, semi-pneumatic tires



Item #	Code	Description	Stock*
D55168	DEW	1.6 HP Electric Workshop Compressor	Y

1.6 HP, 4.5 Gallon Electric Compressor

- 5.0 cfm @ 100 psi
- Oil free, maintenance free pump
- Vertical stand feature and collapsible handle allows a user to save space by transporting or storing the compressor in a vertical position
- 10" nonflat foam tires



Item #	Code	Description	Stock*
D55146	DEW	1.6 HP Electric Compressor	Y

2 HP, 4 Gallon Electric Hand Carry Compressor

- 4.5 cfm @ 100 psi
- Oil lubricated pump improves durability
- Dual soft-start valves assist in cold weather start up
- 4 gallon twin stack tank design
- Cast iron cylinder enhances pump life



Item #	Code	Description	Stock*
D55153	DEW	2 HP Electric Compressor	Y

PRODUCTS NOT LISTED?

All of the products we sell are not listed in this catalog.

If you don't find everything you need,

PLEASE CALL US - WE CAN HELP!

*Y = stock item; A = readily available by order

Reciprocating Air Compressors



Portable Type-30 F-Series Two-Stage Gasoline Engine Driven

Ingersoll-Rand Type-30 F-Series Two-Stage compressors meet the needs of fleet or field service applications. Featuring truck-bed mounting, the F-series includes electronic ignition, idle engine control, a 30-gallon ASME receiver tank, an OSHA approved, fully enclosed belt guard and weather-resistant, powder-coat paint finish.

- Durable cast iron construction
- 175 psi maximum operating pressure
- Extended pump life



Start-Up Kits

Kit Includes:

- All Season Select® lubricant—a synthetic, all-temperature blend designed to increase efficiency, reduce wear and prevent carbon buildup
- Replacement filter elements
- Engine oil and filters are included in kits for gas-driven compressors
- Two-year extended warranty (pump only)



Item #	Code	HP	Engine	Tank (gallons)	ACFM @ 175 psi	Maximum PSI	NPT Outlet (in.)	Package Dimensions L x W x H (in.)	Net Weight (lb.)	Stock*
2475F13GH	IR	13	Honda	30	24	175	3/4	44 x 22 x 41	415	A
2475F11.5KA11.5	IR	11.5	Kawasaki	30	25	175	3/4	47 x 22 x 39	380	A
2475F12.5G	IR	12.5	Kohler	30	24	175	3/4	44 x 22 x 48	429	A
2475F15GIR	IR	15	IR	30	24	175	3/4	47 x 21 x 42	485	A

Stationary Electric-Driven Single-Stage

Our single-stage electric compressors are ideal for most anyone, from the do-it-yourselfer to the professional air compressor user. Each compressor features durable cast-iron construction, 100% continuous duty cycle for the toughest applications and extended pump life for years of trouble-free service.

- Industrial quality design
- Durable cast iron construction
- 135 psi maximum operating pressure

Start-Up Kits

Kit Includes:

- All Season Select® lubricant—a synthetic, all-temperature blend designed to increase efficiency, reduce wear and prevent carbon buildup
- Replacement filter elements
- Two-year extended warranty (pump only)



Item #	Code	Peak Running HP	HP	Voltage	Tank (gallons)	ACFM @ 40 psi	NPT Outlet (in.)	Package Dimensions L x W x H (in.)	Net Weight (lb.)	Stock*
SS3L3	IR	7.9	3	230-1-60	60	11.3	3/8	20 x 23 x 66	300	Y
SS5L5	IR	11.8	5	230-1-60	60	18.1	1/2	20 x 30 x 71	310	A

*Y = stock item; A = readily available by order

Reciprocating Air Compressors

Stationary Electric-Driven Two-Stage—Type-30 Series

Designed for heavy shop or industrial use, Ingersoll-Rand two-stage electric air compressors provide the quality and performance that are ideal for most applications and users, including automotive service and body shops; fleet maintenance; machine shops; production and manufacturing lines; construction; wood working shops; dry cleaners; car washes; maintenance/repair shops and farms.

- Durable cast iron, two-stage design offers extended pump life for years of trouble-free service
- 175 psi maximum operating pressure
- 100% continuous duty for tough applications
- Automatic start/stop control/pressure switch operation
- Includes motor starter, oil sight glass (10–15 hp only), manual drain and ASME tank



Value Packaged

Item #	Code	HP	Tank (gallons)	ACFM @ 175 psi	NPT Outlet (in.)	Package Dimensions L x W x H (in.)	Net Weight (lb.)	Stock*
2340L5	IR	5	60 (vertical)	14.7	1/2	20 x 33 x 69	400	Y
2340N5	IR	5	80 (vertical)	14.7	1/2	22 x 36 x 59	475	A
2475N5	IR	5	80 (vertical)	16.8	3/4	26 x 38 x 70	500	A
2475N7.5	IR	7.5	80 (vertical)	24.3	3/4	26 x 38 x 70	500	Y
2545E10V	IR	10	120 (horizontal)	35	3/4	73 x 28 x 51	835	A
7100E15V	IR	15	120 (horizontal)	35	1	72 x 28 x 57	1000	A

Start-Up Kits

Kit Includes:

- All Season Select® lubricant—a synthetic, all-temperature blend designed to increase efficiency, reduce wear and prevent carbon buildup
- Replacement filter elements
- Two-year extended warranty (pump only)



Electric-Driven Two-Stage—Type-30 Series

Ingersoll-Rand's high-performance two-stage fully packaged air compressors are designed for the most demanding automotive, heavy-duty commercial or industrial applications where a dependable air supply is essential. Each fully packaged air compressor comes complete with a pre-installed magnetic motor starter, air-cooler after cooler, and an electric drain valve to remove harmful moisture, plus the added protection of a low oil level shutdown switch.

- Durable cast iron, two-stage design offers extended pump life for years of trouble-free service
- 175 psi maximum operating pressure
- 100% continuous duty for tough applications
- Includes magnetic motor starter, air-cooled after cooler, electronic drain valve, low oil level shutdown switch and ASME tank



Fully Packaged

Item #	Code	HP	Tank (gallons)	ACFM @ 175 psi	NPT Outlet (in.)	Package Dimensions L x W x H (in.)	Net Weight (lb.)	Stock*
2475N5FP	IR	5	80 (vertical)	16.8	3/4	30 x 37 x 70	500	A
2475N7.5FP	IR	7.5	80 (vertical)	24.3	3/4	30 x 37 x 70	500	Y
2545E10FP	IR	10	120 (horizontal)	35	3/4	73 x 28 x 51	835	A
7100E15FP	IR	15	120 (horizontal)	50	3/4	72 x 29 x 57	1000	A
15TE15FP	IR	15	120 (horizontal)	53	1 1/4	72 x 34 x 61	1400	A

*Y = stock item; A = readily available by order

Air Treatment Equipment



Refrigerated DryStar

The economically priced DryStar cools compressed air by mechanical refrigeration to a 33-39°F pressure dewpoint. Condensed water is removed through an automatic drain valve. Featuring low power consumption, DryStar dryers are simple to install with a quick-fit electrical connection. Each DS dryer uses environmentally friendly R134A refrigerant.

Item #	Code	Nominal Air Flow (SCFM)	Maximum Pressure (PSI)	Nominal Power Consumption (kW)	Air Connection NPT (in.)	Dimension W x L x H (in.)	Stock*
D12IN	IR	7	203	0.16	1/2	12.0 x 16.0 x 16.0	A
D18IN	IR	11	203	0.16	1/2	12.0 x 16.0 x 16.0	A
D25IN	IR	15	203	0.16	1/2	12.0 x 16.0 x 16.0	A
D42IN	IR	25	203	0.21	1/2	16.0 x 18.0 x 18.0	A
D54IN	IR	32	203	0.37	1/2	16.0 x 18.0 x 18.0	A
D72IN	IR	42	203	0.37	1/2	16.0 x 18.0 x 18.0	A
D108IN	IR	64	203	0.48	1/2	16.5 x 21.5 x 22.5	A
D144IN	IR	85	203	0.57	1/2	16.5 x 21.5 x 22.5	A
D180IN	IR	106	203	0.71	1	16.5 x 21.5 x 22.5	A
D300IN	IR	176	174	1.25	1 1/2	20.0 x 25.5 x 38.5	A
D360IN	IR	212	174	1.25	1 1/2	20.0 x 25.5 x 38.5	A

Portable Power



P185WJD Compressor

Equipped with rubber torsional running gear, the P185WJD portable compressor absorbs more vibration for a smoother ride and less damage to internal components. The inline fuel/filter separator minimizes downtime due to fuel contamination. A removable rear panel and engine oil drain make routine maintenance of oil cooler and radiator easier. A seven-step rotor manufacturing process used throughout IR operations results in unmatched rotor profile accuracy and reliability.

COMPRESSOR:

CFM 185
 Rated PSIG 100
 Fuel Tank Capacity 27 gal.

TIER 2 ENGINE:

Rated Speed 2,500 rpm
 BHP @ Rated Speed 66
 Make John Deere
 Model 4024T

Item #	Code	Description	Stock*
P185WJD	IR	Compressor	Y

LightSource™

The LightSource™ portable light tower is equipped with four 1,000 W metal halide lamps in cast aluminum reflector housings with tempered glass. The telescoping mast extends 12-30 feet and rotates 360 degrees. With the outriggers extended and all the jacks down, the LightSource™ can withstand winds up to 65 mph.

DIMENSIONS:

Height 70.5" (travel position)
 Length 175" (w/drawbar)
 Ship Weight 1,735 lb.
 Track Width 49" (w/fenders)
 Width 5"

ENGINE:

Fuel Tank Capacity 27 gal.
 Make/Model Kubota D1105
 Rated BHP 13.6
 Rated RPM 1,800

GENERATOR:

Output 6 kW
 Single Phase 60 Hz 120/240
 Run Time 100% Load 52 hours

Item #	Code	Description	Stock*
LIGHTSOURCE	IR	Portable Light Tower	Y



*Y = stock item; A = readily available by order

Heaters

Workman™ LP Convection Heater

Features:

- Piezo pilot ignition and 360° heat output
- Enclosed stainless steel burner provides wind resistance

Item #	WORKMAN250PLUS
Code	LBW
BTU/H Rating	225,000
Tank Size (lbs.)	100
Fuel Consumption (lb./hr.)	10.2
Dimensions (L x W x H in.)	16.5 x 15.0 x 25.0
Stock*	Y



Tradesman® Forced Air LP Heater

Features:

- 3-trial ignition system ensures heater will light
- Industry's heaviest gauge combustion chamber and burner plate for longest life
- Superior Tri-Shield finish provides extended protection against abrasion and corrosion
- Models 170 and 400 have thermostatic temperature controls and adjustable front legs to provide easy direction of heat



Item #	TRADESMAN100	TRADESMAN170	TRADESMAN400
Code	LBW	LBW	LBW
BTU/H Rating	50,000-100,000	125,000-170,000	250,000-400,000
Heated Air Output (CFM)	350	625	1,582
Fuel Consumption (lb./hr.)	4.6	7.2	18.5
Amps (starting/continuous operation)	4.7/2.0	3.7/2.4	3.7/2.4
Dimensions L x W x H (in.)	25.3 x 9.8 x 14.0	24.0 x 10.0 x 16.0	34.5 x 12.5 x 19.5
Stock*	Y	Y	Y

Tradesman® Forced Air Kerosene Heaters

Features:

- Kerosene, #1 diesel or #1 fuel oil
- Dual-prong, electronic spark ignition
- Durable brass fuel fittings and comfort control thermostats
- Heavy-duty enclosed motor



Item #	TRADESMANK125	TRADESMANK170	TRADESMANK210
Code	LBW	LBW	LBW
BTU/H Rating	125,000	170,000	210,000
Heated Air Output (CFM)	520	600	650
Pump Pressure (PSI)	5.5	6.5	8.5
Fuel Consumption (lbs./hr.)	1.0	1.0	1.0
Tank Capacity (gal.)	10	13	13
Operating Time per Tankful (hrs.)	10.5	10.0	8.0
Amps (continuous operation)	2.5	3.2	3.7
Motor Horsepower	1/5	1/4	1/3
Dimensions (L x W x H in.)	37.5 x 22.4 x 24.9	43.5 x 23.9 x 26.6	43.5 x 23.9 x 26.6
Stock*	Y	Y	Y



Sure Flame Propane or Natural Gas Heater



The Model S405 features instant electronic ignition and quick changeover from either propane or natural gas. The S405 is thermostatically controlled, simple and safe with 100% shutoff operation, minimum maintenance and is approved for unattended operation. The S405 heater has tough steel construction and comes with a lifting loop.

- Electrical requirements: 120 V/12 amp
- Inlet gas connection: 1" NPT
- Weight: 95 lb.
- BTU: 400,000

Item #	Code	Description	Stock*
S405	HW	Sure Flame Space Heater	A

Electric Heaters

Milkhouse-Style Heater

- 3,412 to 5,118 btu
- 1,000/1,500 watts
- Automatic thermostat
- Fan forced convection coils



Item #	Code	Description	Stock*
WUH680-UM	TPI	Milkhouse-style Heater	Y

Torches



Propane Torch

- 500,000 btu output
- Liquid Propane gas
- Manual ignition
- Inlet gas pressure: 25 psig
- Steel head, 24" handle and 12' hose
- Includes regulator



Item #	Code	Description	Stock*
5N12	NUW	Torch	Y

Brakes & Accessories



Mark I Series™ Siding Brake

Contractor Model Shown with optional UniStand™

The Mark I Contractor is the strongest bending brake in its class. Computer designed components provide superior durability while maintaining lightweight portability. No need to adjust this brake daily, or even monthly, as the unique cam-locking feature clamps to the thickness of the material and not to a factory load-bearing preset.

Item #	Code	Length	"C" Casting	Weight (lb/kg)	Stock*
M1060	VAN	10'6"/3.2 m	5	120/54.4	A
M860	VAN	8'6"/2.6 m	4	99/44.9	Y



Metal Master® Siding Brake

Commercial Model Shown with optional UniStand Adjustable™

The Metal Master incorporates the best cam-locking system with the deepest throat (20³/₈") in the portable brake industry. Additional features include computer engineered castings, reinforced Power Lock™ bar for better clamping force, increased bending radius, and heavy-duty bending handles for improved leverage.

Item #	Code	Length	"C" Casting	Weight (lb/kg)	Stock*
MM1050	VAN	10'6"/3.2 m	4	148/67.1	Y



Mark II™ TrimMaster® Siding Brake

Contractor Model Shown with optional UniStand Adjustable™

Building upon the reputation of the Mark I Series, the Mark II TrimMaster includes additional features such as the POWERslot™ hinge, easier bending, making "J" channels, and the hollow core hinge extrusions for added strength. Ultra High Molecular Weight (UHMW) plastic wedges are independently adjustable and replaceable.

Item #	Code	Length	"C" Casting	Weight (lb/kg)	Stock*
TM860	VAN	8'6"/2.6 m	4	102/46.6	A
TM1060	VAN	10'6"/3.2 m	5	124/56.2	Y
TM1260	VAN	12'6"/3.8 m	6	156/70.8	A
TM1460*	VAN	14'6"/4.4 m	13	261/102.5	A

*Includes dual bending & locking handles

Coil Dispenser™

Coil Dispenser sets up fast and allows materials (up to 24" width) to be fed directly into most brakes, saw tables and slitters. Works with QuickScore™ and TrimCutter™ for fast processing of materials down to desired lengths.



Item #	Code	Description	Stock*
CD24	VAN	Coil Dispenser	Y



Trim-A-Brake II®

Entry Level Model Shown with optional Steel legs no. 3000

The Trim-A-Brake II was designed for contractors who are constantly on the go. This lightweight brake loads into the truck quickly for use among multiple crews and requires little setup or maintenance. For making basic shapes, this is the perfect brake for use in the shop or on the job.

Item #	Code	Length	"C" Casting	Weight (lb/kg)	Stock*
T650	VAN	6'6"/2.0 m	2	58/26.3	A
T850	VAN	8'6"/2.6 m	4	76/34.5	Y
T1050	VAN	10'6"/3.2 m	5	112/50.8	A



UniStand™

Adjustable table stands fit all Van Mark brakes up to 14" throat and TAT50/TAT60 saw stands.

Item #	Code	Description	Stock*
USA1	VAN	UniStand Table Stand	Y



TrimCutter™

TrimCutter uses a 4-point track bearing system to ensure tool doesn't ride off the brake during cut. Low profile grip area allows you to direct power along the plane of the cut, resulting in one smooth motion that leaves factory edges every time. Cuts aluminum, copper, zinc and stainless steel.

Item #	Code	Description	Stock*
3017	VAN	TrimCutter	Y

QuickScore™

QuickScore scores material along the outer edge of the brake allowing downward separation of stock, ensuring clean burr-free edges every time—right into your hands.



Item #	Code	Description	Stock*
3016	VAN	QuickScore	A

TrimFormer™

This patented portable roll former works on your Mark Series brake to sculpture, beautify, stiffen or dress up ordinary trim work. Brick mold and rib forming dies included.



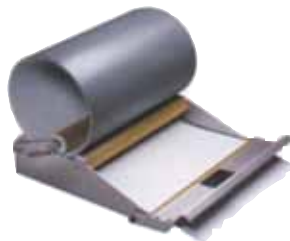
Included Rib Dies

Optional Crown Mold Dies #3025

Item #	Code	Description	Stock*
3015	VAN	TrimFormer	A

Coil Cradle™

The Coil Cradle handles all your coil dispensing needs. Using advanced polyethylene covers and end bearings on rollers, material glides out effortlessly, without tugging and dragging.



Item #	Code	Description	Stock*
CC24	VAN	Coil Cradle, up to 24" coil size	A
CC36	VAN	Coil Cradle, up to 36" coil size	A

Trim-A-Slitter™ Industrial Series

Engineered to slit, rib-form and stiffen most light-to-heavy-duty coil and sheet materials. Slits 24"-72" wide commercial sheet.



Trim-A-Slitter 2" arbor

Item #	Code	Length (in./cm)	Weight (lbs/kg)	Stock*
S36C	VAN	36"/91.4	100/45.4	A
S48CB	VAN	48"/121.9	137/62.1	A
S60CB	VAN	60"/152.4	174/78.9	A
S72CB	VAN	72"/182.9	211/95.7	A

Slitter Power Package Gear motor, base, coupler, hardware

Item #	Code	Motor	Weight (lb/kg)	Stock*
3521	VAN	110 V	45/20.4	A
3535	VAN	115 V	50/22.7	Y
3522	VAN	220 V	50/22.7	A
3533	VAN	115/220 V	60/27.0	A

Trim-A-Slitter™ Combo

Perform slitting, perforating and rib forming. Trim-A-Slitter® Combo provides a slitter, coiler, heavy-duty stand and an extendable material run-off support.



Item #	Code	Description	Stock*
SC24C	VAN	Trim-A-Slitter Combo	A

Trim-A-Table®

Shown with optional 3001 Steel Leg Kit

All the features you're looking for in a saw table and then some. Dual working extensions, adjustable material stop, easy-to-read protector and a recessed saw blade track, which means you never cut into the table top.



Item #	Code	Description	Stock*
TAT50	VAN	8'10" (2.4 m) Trim-A-Table	A

Trim-A-Gutter™

Shown with optional UniLeg Tool Supports Form gutter cover from trim coil for virtually any profile.



Item #	Code	Description	Stock*
TAG50	VAN	Trim-A-Gutter	A

*Y = stock item; A = readily available by order



HONDA GENERATORS



How much power do you need?

$Amps \times Volts = Watts$

	Running Wattage Requirements	Additional Wattage Required for Starting
Household/RV		
Coffee Maker	1750	0
Dishwasher		
Cool Dry	700	1400
Electric Fry Pan	1300	0
Electric Range		
8-inch element	2100	0
Microwave Oven, 625 watts	625	800
Refrigerator or Freezer	700	2200
Automatic Washer	1150	2300
Clothes Dryer		
Electric	5750	1800
Furnace Fan, gas or fuel oil		
1/8 Horsepower	300	500
1/6 Horsepower	500	750
1/4 Horsepower	600	1000
1/3 Horsepower	700	1400
1/2 Horsepower	875	2350
Lights	as indicated on bulb	0
Radio	50 to 200	0
Sump Pump		
1/3 Horsepower	800	1300
1/2 Horsepower	1050	2150
Television		
Color	300	0
RV Air Conditioner		
13,500 BTU	1800	2800
Room Air Conditioner		
10,000 BTU	1500	2200
Contractor		
Air Compressor		
1 Horsepower	1500	4500
Bench Grinder		
8 inches	1400	2500
Hand Drill		
1/2 inch	600	0
High-Pressure Washer		
1 Horsepower	1200	3600
Circular Saw, Heavy Duty		
7 1/4 inches	1400	2300
Electric Chain Saw		
1 1/4 inches, 2 Horsepower	1100	0
Table Saw		
10 inches	1800	4500
3/8 inch, 4 amps	440	600
1/2 inch, 5.4 amps	600	900

Industrial Motors

	Running Wattage Requirements	Additional Wattage Required for Starting
Split Phase		
1/4 Horsepower	600	1000
1/2 Horsepower	875	2300
Capacitor Start Induction Run		
1/3 Horsepower	720	1300
1 Horsepower	1600	4500
Capacitor Start Capacitor Run		
1 1/2 Horsepower	2000	6100
Fan Duty		
1/6 Horsepower	550	850

Farm Equipment

	Running Wattage Requirements	Additional Wattage Required for Starting
Electric Fence 25 miles	250	0
Milk Cooler	1100	1800
Milker (vacuum pump)		
2 Horsepower	1000	2300
Portable Heater (kerosene, diesel fuel)		
50,000 BTU	400	600
90,000 BTU	500	725
150 000 BTU	625	1000
Battery Charger		
15 amp	380	0
60 amp with 250 -amp boost	1500/5750	0
100 amp with 300-amp boost	2400/7800	0

	Running Wattage Requirements	Additional Wattage Required for Starting
Electric Welder		
200 amp AC	9000	0
230 amp AC, at 100amp	7800	0

Air Compressors

	Running Wattage Requirements	Additional Wattage Required for Starting
Air Compressors		
1/2 Horsepower	975	1600
1 Horsepower	1600	4500

Computers

	Running Wattage Requirements	Additional Wattage Required for Starting
Desktop	600 to 800	0
Laptop	200 to 250	0
Monitor	200 to 250	0
Fax	600 to 800	0
Printer	400 to 600	0

Technical assistance is available at MQB to help you select the model most efficient for your power needs.

Generators Super Quiet Series

Honda's Inverter Technology makes the EU models extremely lightweight and portable and the enclosed bodies result in quieter performance.

EU1000i

1,000 Watts

- Single cylinder, air-cooled, OHV Honda GXH50 engine
- Recoil start
- Super quiet—53 to 59 dB
- Super lightweight—29 lb.
- 0.6 gallon fuel tank; runs up to 8.3 hours at ¼ load
- Parallel with another EU1000i for additional power**



Item #	Code	Description	Stock*
EU1000I	HON	1,000 Watt Generator	Y

EU2000i

EU2000i Camo

2,000 Watts

- Single cylinder, air-cooled, OHC Honda GX100 engine
- Recoil start
- Super quiet—53 to 59 dB
- .95 gallon fuel tank; runs up to 9.6 hours at ¼ load
- Parallel with EU2000i Companion for additional power**
- 46 lb.



Item #	Code	Description	Stock*
EU2000I	HON	2,000 Watt Generator	Y
EU2000I CAMO	HON	2,000 Watt Camouflage Generator	Y

EU2000i Companion

2,000 Watts

- Built-in 30A outlet for easy parallel capability with another EU2000i
- Single cylinder, air-cooled, OHC Honda GX100 engine
- Super quiet—53 to 59 dB
- Recoil start
- .95 gallon fuel tank; runs up to 9.6 hours at ¼ load
- Parallel with another EU2000i for additional power**
- 45.9 lb.



Item #	Code	Description	Stock*
EU2000I COMPANION	HON	2,000 Watt Generator w/30-amp & 20-amp Receptacle	Y

Generators Economy Series offer a reliable source of "no frills" power.

EG5000CL

5,000 Watts

- Single cylinder, air-cooled, OHV GX290 engine
- Recoil start
- 6.3 gallon fuel tank; runs up to 11 hours @ ½ load
- 177 lb.



Item #	Code	Description	Stock*
EG5000CLAT	HON	5,000 Watt Generator	Y

EU3000is

3,000 Watts

- Single cylinder, air-cooled, OHV Honda GX200 engine
- Recoil/electric start (battery included)
- Super quiet—49 to 58 dB
- 3.4 gallon fuel tank; runs up to 20 hours at ¼ load
- Parallel with another EU3000is for additional power**
- 134 lb.



Item #	Code	Description	Stock*
EU3000IS	HON	3,000 Watt Generator	Y

EU3000i Handi 3,000 Watts

Light and portable generator comes with closable fuel vent, recessed light, flip-up handle and transport wheels.

- Single cylinder, air-cooled, OHC Honda GX160 engine
- Recoil start
- Super quiet—57 to 65 dB
- 1.56 gallon fuel tank; runs up to 7.7 hours at ¼ load
- Parallel with another EU3000is for additional power**
- 78 lb.



Item #	Code	Description	Stock*
EU3000I-HANDI	HON	3,000 Watt Generator	Y

EU6500is

6,500 Watts

- Honda GX390 OHV, single cylinder, air-cooled engine
- Electric start; battery included
- 4.5 gallon fuel tank; runs 14 hours at ¼ load
- Super quiet—53 to 60 dB
- 253 lb.



Item #	Code	Description	Stock*
EU6500ISA	HON	6,500 Watt Generator	Y

**Requires optional Parallel Cable; EU2000i Companion requires optional Parallel Cables Kit

Generators Economy Series offer a reliable source of "no frills" power.

EG5000CL

5,000 Watts

- Single cylinder, air-cooled, OHV GX290 engine
- Recoil start
- 6.3 gallon fuel tank; runs up to 11 hours @ ½ load
- 177 lb.



Item #	Code	Description	Stock*
EG5000CLAT	HON	5,000 Watt Generator	Y

Call Us for
Honda
Replacement
Engines



Generators Industrial Series

Rugged reliability for the construction industry.

EB3000c

3,000 Watts

- Compact and lightweight thanks to Honda CycloConverter™ technology
- Single cylinder, air-cooled, OHV GX200 engine
- Recoil start
- 2.7 gallon fuel tank; runs up to 9.39 hours @ ½ load
- 68.4 lb.



Item #	Code	Description	Stock*
EB3000C	HON	3,000 Watt Generator	Y

EB4000X

4,000 Watts

- Single cylinder, air-cooled, OHV iGX270 engine
- Recoil start
- 6.2 gallon fuel tank; runs up to 16 hours @ ½ load
- 185 lb.



Item #	Code	Description	Stock*
EB4000XAT	HON	4,000 Watt Generator	Y

EB5000X

5,000 Watts

- Single cylinder, air-cooled, OHV iGX390 engine
- Recoil start
- 6.2 gallon fuel tank; runs up to 11.2 hours @ ½ load
- 214 lb.



Item #	Code	Description	Stock*
EB5000XK3AT	HON	5,000 Watt Generator	Y

EB6500X

6,500 Watts

- Single cylinder, air-cooled, OHV iGX390 engine
- Recoil start
- 6.2 gallon fuel tank; runs up to 10.4 hours @ ½ load
- 220 lb.



Item #	Code	Description	Stock*
EB6500X1AT	HON	6,500 Watt Generator	Y

EB10000

10,000 Watts

- Digital Auto Voltage Regulator (DAVR) technology
- Air cooled, twin cylinder OHV GX630 engine; electric start
- 120/240V AC output; 7 outlets
- 8.1 gal. tank; 4.6 hrs. run-time; 7.2 @ ½ load
- 403 lb.



Item #	Code	Description	Stock*
EB10000	HON	10,000 Watt Generator	Y

HONDA GENERATORS

Generators Deluxe Series

Reliable backup power during outages and brownouts.

EM4000SX

4,000 Watts

- Single cylinder, air-cooled, OHV iGX270 engine
- Recoil and electric start; battery included
- 6.2 gallon fuel tank; runs up to 16 hours @ ½ load
- 201 lb.

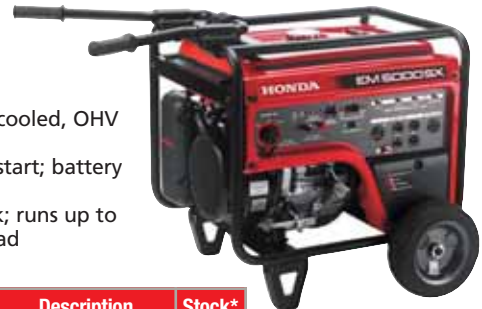


Item #	Code	Description	Stock*
EM4000SXAT	HON	4,000 Watt Generator	A

EM5000SX

5,000 Watts

- Single cylinder, air-cooled, OHV iGX390 engine
- Recoil and electric start; battery included
- 6.2 gallon fuel tank; runs up to 11.2 hours. @ ½ load
- 232 lb.



Item #	Code	Description	Stock*
EM5000SXK3AT	HON	5,000 Watt Generator	Y

EM6500SX

6,500 Watts

- Single cylinder, air-cooled, OHV iGX390 engine
- Recoil and electric start; battery included
- 6.2 gallon fuel tank; runs up to 10.4 hours @ ½ load
- 243 lb.



Item #	Code	Description	Stock*
EM6500SXK2AT	HON	6,500 Watt Generator	Y

*Y = stock item; A = readily available by order

Generator Accessories

for Honda EU Series Generators



TELE-LITE™

Tele-Lite Kit

Lightweight folding halogen light designed specifically for the Honda EU1000i and EU2000i generators.

	TEU-1000D for EU1000i	TEU-2000D for EU2000i
Code	HON	HON
Lamp	500 W	500 W
Lumens	Over 10,500	Over 10,500
Dimensions (L x W x H)	24"x9.4"x14"	26.5"x11.5"x16.5"
Combined weight	35 lb.	56 lb.
Kit weight	6 lb.	10 lb.
Run time	4 - 8.7 hr.	4 - 15 hr.
Stock*	A	A



08381-340023



08P57-207-00G

Item #	Code	Description	Stock*
08381-340023	HON	EU1000i Cover	A
08P57-207-00G	HON	EU2000i Cover	A
32650-892-010AH	HON	DC Charging Cord	Y
06321-ZT3-C30AH	HON	Parallel Cables	A



32650-892-010AH



06321-ZT3-C30-AH

Standby Generators



8-17kW Air-Cooled GUARDIAN® Series

Residential

GUARDIAN® air-cooled automatic standby generators are designed to supply electricity to pre-selected circuits that supply a home's essential items in the event of a utility power outage. The pre-wired, pre-packaged system makes installation easy and affordable.

- Kicks in within 10 seconds of determining power loss
- Protects 16, 14, 10 or 8 circuits
- Generac OHVI® industrial engine has the longest life design and the most horsepower in its class
- Galvanneal steel enclosure with RhinoCoat™ provide substantial protection from the elements
- UL listed and automatic voltage regulation for sensitive electronics
- Runs on natural gas or liquid propane gas
- Includes 100-amp automatic transfer switch with load center, outdoor connection box, pre-wired conduits, flexible fuel line, composite mounting pad and installation guide



Item #	5870	5871	5872	5873
Code	GUA	GUA	GUA	GUA
Maximum Power	8 kW	10 kW	14 kW	17 kW
Rated Power kW (LPG/NG)	8/7	10/9	14/12	17/16
Voltage (single phase)	120/240 V	120/240 V	120/240 V	120/240 V
Amps @ 240V LPG	33.3	41.6	58.3	70.8
Amps @ 240V NG	29.2	37.5	54.2	66.6
Engine/Alternator RPM	3,600/3,600	3,600/3,600	3,600/3,600	3,600/3,600
Engine	OHVI 410 cc	OHVI 530 cc	OHVI 992 cc	OHVI 992 cc
Fuel Consumption @ Full Load:				
Liquid Propane cu. ft./hr.	62	70	84	94
Natural Gas cu. ft./hr.	139	156	220	261
Circuits Protected	8	10	12	16
Dimensions (L"xW"xH")	48 x 24 x 29	48 x 24 x 29	48 x 24 x 29	48 x 24 x 29
Weight (lb.)	336	375	425.5	445
Stock*	A	A	A	A



We stock a full line of extension cords.

See pages 215-216

*Y = stock item; A = readily available by order



Pumps

WX10K1 Water Pump

- 1" NPT suction/discharge port diameter
- Lightweight, centrifugal, self-priming pump
- 51 psi maximum pressure
- Single cylinder, air-cooled, 4-stroke OHV GX25 engine
- 37 gallons/minute discharge capacity
- Includes garden hose adapter, 16.5' suction hose, clamps and strainer



Item #	Code	Description	Stock*
WX10K1	HON	1" Water Pump	Y

WX15 Water Pump

- 1.5" NPT suction/discharge port diameter
- Lightweight, centrifugal, self-priming pump
- 54 psi maximum pressure
- Single cylinder, air-cooled, 4-stroke OHV GXH50 engine
- 72 gallons/minute discharge capacity
- Includes hose clamps and strainer



Item #	Code	Description	Stock*
WX15	HON	1.5" Water Pump	Y

WB20X Water Pump

- 2" NPT suction/discharge port diameter
- General-purpose, centrifugal, self-priming pump
- 40 psi maximum pressure
- Single cylinder, air-cooled, 4-stroke OHV GX120 engine
- 152 gallons/minute discharge capacity



Item #	Code	Description	Stock*
WB20X	HON	2" Water Pump	Y

WB30X Water Pump

- 3" NPT suction/discharge port diameter
- General-purpose, centrifugal, self-priming pump
- 37 psi maximum pressure
- Single cylinder, air-cooled, 4-stroke OHV GX160 engine
- 275 gallons/minute discharge capacity



Item #	Code	Description	Stock*
WB30X	HON	3" Water Pump	Y

WH20X Water Pump

- 2" NPT suction/discharge port diameter
- High pressure, centrifugal, self-priming pump
- 61 psi maximum pressure
- Single cylinder, air-cooled, 4-stroke OHV GX160 engine
- 134 gallons/minute discharge capacity



Item #	Code	Description	Stock*
WH20X	HON	2" Water Pump	Y

WMP20X Multi-Purpose Pump

- 2" NPT suction/discharge port diameter
- Centrifugal, self-priming pump
- 46 psi maximum pressure
- Single cylinder, air-cooled, 4-stroke OHV GX160 engine
- 220 gallons/minute discharge capacity



Item #	Code	Description	Stock*
WMP20X	HON	2" Mult-Purpose Pump	Y

WT20X Trash Pump

- 2" NPT suction/discharge port diameter
- Centrifugal, self-priming pump
- 42 psi maximum pressure
- Single cylinder, air-cooled, 4-stroke OHV GX160 engine
- 187 gallons/minute discharge capacity



Item #	Code	Description	Stock*
WT20X	HON	2" Trash Pump	Y

WT30X Trash Pump

- 3" NPT suction/discharge port diameter
- Centrifugal, self-priming pump
- 39 psi maximum pressure
- Single cylinder, air-cooled, 4-stroke OHV GX240 engine
- 319 gallons/minute discharge capacity



Item #	Code	Description	Stock*
WT30X	HON	3" Trash Pump	Y

WT40X Trash Pump

- 4" NPT suction/discharge port diameter
- Centrifugal, self-priming pump
- 79 psi maximum pressure
- Single cylinder, air-cooled, 4-stroke OHV GX340 engine
- 433 gallons/minute discharge capacity



Item #	Code	Description	Stock*
WT40X	HON	4" Trash Pump	Y

WDP30XK1

Diaphragm Pump

- 3" NPT suction/discharge port diameter
- Self-priming pump
- Single cylinder, air-cooled, 4-stroke OHV GX120 engine
- 80 gallons/minute discharge capacity



Item #	Code	Description	Stock*
WDP30XK1	HON	3" Water Pump	Y

Pumps

little GIANT

6 Series Submersible Sump Pump

For residential, commercial and industrial use, this pump is designed for continuous use and features a multiple switch option for automatic operation. Epoxy-coated cast iron housing is oil filled for lifetime lubrication and rapid heat dissipation.

- Motor: 1/3 hp shaded pole with thermal overload protection
- Capacity: 46 gpm @ 5' of head
- Discharge: 1 1/2" FNPT
- Shut-off: 18'
- Cord: 10'
- Impeller: nylon
- Electrical: 115 V, 50/60 Hz; 9 amps
- Switch: integral diaphragm
- On level: 7"-10"; Off level: 1"-4"



6EN Series Submersible Sump/Effluent Pump

For residential, commercial and industrial use, the 6EN Series pump is designed for continuous use and features a multiple switch option for automatic operation. The 6EN Series pump has a Permanent Split Capacitor (PSC) motor that offers a lower current draw, better energy efficiency, improved performance and cooler running. Epoxy-coated cast iron housing is oil filled for lifetime lubrication and rapid heat dissipation.

- Motor: 1/3 hp PSC with thermal overload protection
- Capacity: 50 gpm @ 5' of head
- Discharge: 1 1/2" FNPT
- Solids: up to 1/2"
- Shut-off: 22'
- Cord: 10'
- Impeller: Vortex
- Electrical: 115 V, 60 Hz; 6 amps
- Switch: integral snap-action float
- On level: 7"-10"; Off level: 2"-5"



5 Series Submersible Utility Pump

For residential, commercial and industrial use where liquid must be transferred or recirculated. This utility pump is designed for continuous use and features a removable inlet screen for easy cleaning. Epoxy-coated cast aluminum housing.

- Motor: 1/6 hp shaded pole with thermal overload protection
- Capacity: 1,200 gph @ 1' of head
- Discharge: 1" FNPT
- Shut-off: 26.3'
- Cord: 10'
- Impeller: impeller
- Electrical: 115 V, 60 Hz; 5 amps

Item #	Code	Description	Stock*
6CIA	LG	1 1/2" 6 Series Sump Pump	Y
6ENCIASF5	LG	1 1/2" 6EN Series Sump /Effluent Pump	Y
5MSP	LG	1" 5 Series Utility Pump	Y

Submersible Plastic Sump Pump

Lightweight, compact pump dewater surfaces to one inch levels and has a hardy thermoplastic pump casing body that resists corrosion and heat.

- Motor: 1/2 hp with thermal overload protection
- Capacity: 60 gpm
- Discharge: 2" FNPT
- Cord: 20'
- Impeller: plastic
- Electrical: 115 V, 6 amps



Item #	Code	Description	Stock*
SS233	MUL	Plastic Sump Pump	A

Submersible Puddle Pump

This lightweight, compact centrifugal pump has the ability to dewater flat surfaces up to 1/16" without placing the pump in any type of sump. Rugged cast aluminum housing makes it ideal for residential, commercial and industrial applications.

- Motor: 1 hp with thermal overload protection
- Capacity: 60 gpm
- Discharge: 2" FNPT
- Cord: 50'
- Impeller: neoprene rubber over cast iron
- Electrical: 115 V; 6 1/2 amps



Item #	Code	Description	Stock*
ST2038P	MUL	Puddle Pump	Y

Submersible Trash Pump

Lightweight, compact trash pump is ideal for moving water with solids up to one inch. Heavy-duty cast iron housing.

- Motor: 1 hp with thermal overload protection
- Capacity: 79 gpm
- Discharge: 2" FNPT
- Cord: 25'
- Impeller: neoprene rubber over cast-iron
- Electrical: 115 V; 6.8 amps



Item #	Code	Description	Stock*
ST2040T	MUL	Trash Pump	Y

*Y = stock item; A = readily available by order

Pressure Washers



#STP231007D



#STP352007A

STP Series

Electric Powered Hot Water Pressure Washer

- Diesel or kerosene heated
- Stainless steel coil wrap
- Rugged 1 1/4" frame
- Direct-drive crankcase style pumps
- Oil-water separator and hour meter

Item #	Code	GPM	PSI	HP	Volt/Phase	Amps	Stock*
STP231007D	KAR	2.3	1,000	1.5	120/1	15	Y
STP201507D	KAR	1.9	1,500	2	120/1	20	A
STP352007A	KAR	3.5	2,000	5	230/1	22	Y

RG-HE-KE Series

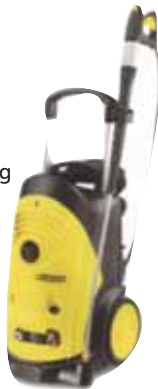
Cold Water Pressure Washers for Small Commercial or Residential Applications



#RG364037

RG Series Features

- Gasoline-powered, direct drive
- Durable steel frame



#KE181307D

KE Series Features

- Electric-powered, direct drive, German engineering
- Total trigger shut off
- Triple changeover nozzle
- Low-pressure detergent injection



#HE201406D

HE Series Features

- Electric-powered, hand-held design
- Durable steel frame

Item #	Code	GPM	PSI	Engine	HP	Volt/Phase/Amps	Stock*
RG253037	KAR	2.5	3,000	Honda	6	-	Y
RG364037	KAR	3.6	4,000	Honda	13	-	Y
HE201406D	KAR	1.8	1,400	-	2	120/1/20	Y
KE181307D	KAR	1.8	1,300	-	2.2	120/1/15	Y



SGP Series

Gasoline Powered Hot Water Pressure Washer

- Diesel or kerosene heated
- Stainless steel coil wrap
- Direct-drive pump
- Rugged frame with powder finish and tubed pneumatic tires
- Adjustable thermostat
- Schedule 80 heating coil
- ETL certified to UL & CSA Standards

Item #	Code	GPM	PSI	Engine HP	Start	Burner	Stock*
SGP303037	KAR	3.0	3,000	Honda 9	Recoil	12 VDC	A
SGP353037	KAR	3.5	3,000	Honda 11	Recoil	12 VDC	Y
SGP353037E	KAR	3.5	3,000	Honda 11	Electric	12 VDC	A
SGP403537E	KAR	3.8	3,000	Honda 13	Electric	12 VDC	A



BR Series

Gasoline Powered Cold Water Pressure Washer

- Rugged steel chassis and roll cage
- Tubed pneumatic tires
- Cleaning power up to 5,000 psi
- Industrial belt-drive crank case pump

Item #	Code	GPM	PSI	Engine HP	Start	Axles	Stock*
BR353237	KAR	3.5	3,200	Honda 11	Recoil	1	A
BR373537	KAR	3.8	3,500	Honda 13	Recoil	1	Y
BR404027	KAR	4.0	4,000	Vanguard 16	Recoil	2	A

Gasoline Powered Cold Water Pressure Washer

- 1 1/4" welded tubular steel frame
- 10" pneumatic tires
- (5) quick connect nozzles
- 25', 5/16" diameter rubber hose



Item #	Code	GPM	PSI	Engine	Start	Pump	Stock*
DPW3228	DEW	2.8	3,200	Honda	Recoil	FNA	Y

Upright Rammers

MTX60 Mikasa Rammer

- Self-cleaning drum and cyclone air filter reduce maintenance and increase service life
- Throttle controls engine speed, start/stop functions and fuel shut-off
- Digital tachometer and hour meter
- Anti-vibration system decreases vibration



Item #	MTX60
Code	MUL
Stock*	A
Operating Weight	141 lb.
Impact Force	3,060 lbf
Working Speed	55.8 ft./min.
Impact Blow	695 blows/min
Amplitude (jumping height)	3.1"
Stroke	3.0"
Productivity	2,183 sq. ft./hr.
Engine	
Make/Model	Honda GX100
Type	4 Cycle
Horsepower	2.8
Starting System	Recoil
Max. Operating RPM	4,100
Fuel	Gas
Fuel Tank Capacity	2.1 qt.
Fuel Consumption	0.147 gal./hr.
Dimensions	
Plate W x L	10.4" x 13.4"
Overall L x W x H	28.1" x 13.8" x 38.8"



RS65

- Extremely light weight
- Superior Shock Isolation System lowers vibration level at operator handle
- Height-adjustable handles
- All-in-one fuel off lever and engine stop switch
- Diaphragm carburation



Item #	RS65
Code	MMD
Stock*	Y
Operating Weight	160 lb.
Impact Force	3,750 lbf
Frequency	640-680 vpm
Stroke	1.6-2.5"
Engine	
Make/Model	Honda GX100KPRF2
Horsepower	2.3
Fuel Tank Capacity	0.6 gal.
Dimensions	
Plate W x L	11" x 13.4"



**WACKER
NEUSON**



BS50-2 & BS60-2i

Powered by the exclusive WM80, the only 2-stroke engine specifically designed and built for vibratory engines. Meets EPA and European air emissions.

- Purge bulb evacuates air from the fuel line
- Three-stage air filtration system provides a virtually dust-free engine
- Integrated muffler wraps around the engine allowing for closer compaction to structures and protection to the muffler

Item #	BS50-2	BS60-2i
Code	WAC	WAC
Stock*	Y	A
Operating Weight	129 lb.	145 lb.
Working Speed	26 ft./min.	32 ft./min.
Impact Blow	715 blows/min.	700 blows/min.
Stroke	1.7"	3.13"
Productivity	1,274 sq. ft./hr.	1,763 sq. ft./hr.
Engine		
Make/Model	Wacker Neuson WM80	Wacker Neuson WM80
Type	2 Cycle	2 Cycle
Horsepower	2.2	2.4
Starting System	Recoil	Recoil
Max. Operating RPM	4,400	4,400
Fuel	Gas	Gas
Fuel Tank Capacity	3.2 qt.	3.2 qt.
Fuel Consumption	1 qt./hr.	1.3 qt./hr.
Dimensions		
Plate W x L	10" x 13.3"	11" x 13.3"
Overall L x W x H	26.5" x 13.5" x 37"	26.5" x 13.5" x 38"

*Y = stock item; A = readily available by order

Walk-Behind Trowels

F3645-5H	
Code	MBW
Engine	Honda GX160 5.5 hp
Weight	163 lb. (75 kg)
Height	26.5" (67 cm)
Ring Diameter	36" (91 cm)
Trowel Speed	70-135 rpm
Stock*	Y



B46H90	
Code	MUL
Engine	Honda 8 hp
Weight	242 lb.
Blades	4
Ring Diameter	46"
Trowel Speed	60-130 rpm
Stock*	A



Tampers



Vibratory Plate Tampers

MBW's advancements in vibratory plate designs have doubled productivity, dramatically reduced maintenance and extended product life. Each model offers a unique combination of frequency, centrifugal force, amplitude and mass to provide the best possible results in terms of productivity and product life.

Item #	Code	Operating Weight lb. (kg)	Plate Size W x L in. (cm)	Centrifugal Force lb. (kN)	Exciter Speed VPM	Travel Speed ft./min. (m/min.)	Compaction Depth in. (cm)	Compaction Area sq. ft./hr. (sqm/hr.)	Engine	Stock*
AP2000H for asphalt	MBW	168 (76) no water 193 (88) w/water	20 x 22 (51 x 56)	2,475 (11)	4,400	90 (27.4)	12 (31)	8,550 (794)	Honda GX160	Y
GP2000H	MBW	165 (75)	20 x 22 (51 x 56)	3,250 (14.5)	5,050	120 (36.6)	14 (36)	10,800 (1,000)	Honda GX160	Y
GP12	MBW	129 (59)	13 x 22.5 (33 x 57)	1,920 (8.5)	5,240	75 (23)	10 (25)	4,875 (453)	Honda GX120	Y
GP3000-15H	MBW	202 (92)	16 x 20 (41 x 51)	3,550 (15.8)	4,400	120 (36.6)	16 (41)	9,600 (890)	Honda GX160	A
GP3550H	MBW	226 (103)	21 x 22 (53 x 56)	3,550 (15.8)	4,400	110 (34)	18 (47)	11,000 (1022)	Honda GX160	Y
GP5800H	MBW	288 (131)	23 x 24 (58 x 61)	5,800 (25.8)	4,700	130 (39.6)	20 (51)	14,950 (1450)	Honda GX270	A
GP7000H	MBW	653 (296)	26 x 30 (66 x 76)	7,900 (35.1)	2,800	100 (30)	30 (76)	13,000 (1210)	Honda GX390	A

Features

- Unsurpassed exciter quality including heavy-duty housings, precision ground ductile eccentric shafts, oversized bearings, oil mist lubrication system and custom lubricants to withstand high operating temperatures
- Stress relieved steel tamping plates are crack resistant
- Application matched quality shock mounts

NEED HELP WITH SPECS—GIVE US A CALL!

*Y = stock item; A = readily available by order

Tampers



WACKER NEUSON



WP1550AW

Vibratory Plate Tamper

Designed for compaction of granular soil in narrow trenches. These plates are ideal for curbs, gutters, around tanks, forms, columns, footings, guard railings, drainage ditches, gas and sewer works and building construction.

Item #	WP1550AW
Code	WAC
Operating Weight lb. (kg)	190 (86)
Plate Size W x L in. (mm)	19.5 x 23 (500 x 585)
Centrifugal Force lb. (kN)	3,375 (15)
Travel Speed ft./min. (m/min.)	100 (30)
Compaction Depth in. (cm)	12 (30.48)
Compaction Area sq. ft./hr. (sqm/hr.)	9,750 (905)
Engine	Honda, air-cooled, 4-cycle, single cylinder, gas
Stock*	A

Reversible Plate Tampers

These versatile reversible plates are ideal for compaction of interlocking paving stones, trenches, landscaping and maintenance. Plates have a durable, integrated wheel set that provides for maximum built-in mobility. Single lever direction control provides for easy operation.

Item #	DPU6555	BPU3050A
Code	WAC	WAC
Operating Weight lb. (kg)	1,049.4 (476)	366 (166)
Plate Size W x L in. (mm)	21.7 x 35.4 (550 x 900)	28.9 x 19.7 (733 x 500)
Centrifugal Force lb. (kN)	14,612.6 (65)	6,750 (30)
Travel Speed ft./min. (m/min.)	91.9 (28)	68.9 (21)
Compaction Depth in. (cm)	40 (101.6)	18 (45.72)
Compaction Area sq. ft./hr. (sqm/hr.)	12,541 (1,193)	6,781 (630)
Engine	Hatz, air-cooled, 4-cycle, single cylinder, diesel	Honda, air-cooled, 4-cycle, single cylinder, gas
Stock*	Y	A



BPU3050A



DPU6555

Reversible Plate Compactors

Multiquip incorporates a unique hydraulic reversing mechanism, eliminating old-fashioned linkage adjustments. There are no complicated mechanical drive shafts or cables to create problems so service time and expense is greatly reduced.



MVH206GH

MVH306GH

MVH502DSB

Item #	Code	Plate Size W x L in. x in. (cm x cm)	Plate Size w/ Extensions W ¹ x L in. x in. (cm x cm)	Centrifugal Force lbs. (kg)	Exciter Speed RPM	Max. Fwd. Speed ft./min. (M/Min)	Max. Area Capacity ft ² /hr. (M ² /hr.)	Engine	HP Rating BHP (kw)	Operating Weight lb. (kg)	Stock*
MVH206GH	MUL	20 x 27.6 (51 x 70)	NA	7870 (3500)35	5200	75 (23)	7,380 (690)	Honda GX240 Gas	7.1 (5.3)	459 (208)	Y
MVH306GH	MUL	18 x 34 (45 x 86)	24 x 34 (61 x 86)	10,125 (4,592)	3,600	75 (23)	9,000 (736) w/extensions	Honda GX270 Gas	8.0 (6.0)	706 (320) w/extensions	Y
MVH502DSB	MUL	22 x 35 (55 x 90)	28 x 35 (70 x 90)	14,000 (6,350)	4,200	75 (23)	10,350 (961) w/extensions	Hatz 1D81S** Diesel	14.3 (10.6)	1,122 (510) w/extensions	A

¹Extension plates are included to increase plate width to specified size. **Oil alarm is not available on diesel-powered models.

*Y = stock item; A = readily available by order

Vibratory Rollers



Ride-On Tandem Drum Roller

Multiquip's answer for asphalt and soil applications—parking lots, driveways, road repair and patchwork.



AR-13H

Walk-Behind Tandem Rollers

Advanced engineering and design is the hallmark of these rugged and dependable vibratory rollers.



MHR-800GS

Item #	Code	Compaction Force lb. (kg)	Frequency VPM (Hz)	Drum Width in. (cm)	Overall Width in. (cm)	Travel Speed mph (kph)	Engine	Start Method	Fuel	Water Tank gal. (L)	Operating Weight lbs. (kg)	Stock*
MRH-800GS	MUL	5,300 (2,404)	3,300 (55.3)	25.6 (65)	27.2 (69.1)	0-2 (0-3)	13 HP Honda GX390	Electric & Recoil	Gas	10.6 (40.3)	1,530 (694)	A
AR-13H	MUL	3,100 (1,406)	4,000 (67)	35.7 (91)	38.25 (98)	0-4.8 (0-7.7)	18 HP Honda GX-610	Electric	Gas	60 (227)	3,088 (1,400)	A

Power Buggy



Stand-On Power Buggy

Features

- Frame constructed of solid 2" steel plate
- Foam-filled tires
- Side-to-side and rear-to-front forklift pockets
- Isolated steering column
- Hydraulic dump with foot-operated controls
- Easy-squeeze speed control lever
- Enclosed ventilated engine shroud
- Heavy-duty poly dump bucket

Specifications

- Payload: 2,500 lb.
- Lift cylinder: 2" diameter
- Bucket size: 16 cu. ft.
- Top speed: 7 mph
- 50" H x 97" L x 47" W; 1,300 lb.
- Fuel capacity: 1.7 gal.
- Engine: Honda GX390 recoil start
- Wheel base: 40"



Item #	Code	Description	Stock*
058801-BUGGY	ALL	Power Buggy	A

Rental Stock

Item is available for rent or for purchase from rental.
Item can also be purchased new by special order.

DON'T FORGET GLOVES

See pages 154-157



Cowhide Work Gloves
Model 4500L



Winter Work Gloves
Model 1927KW



Safety Gloves
Model 1939

*Y = stock item; A = readily available by order

Mixers—Concrete & Mortar



Minuteman II Portable Tripod MultiMixer

Batch Capacity	5 cu. ft.
Batch Output	275 lbs., 2.5 cu. ft.
Motor	½ hp, 110 V/6 amp
Wheel Size	10"
Weight	120 lb.
Length	52"
Height	57"
Width	28"

Item #	Code	Description	Stock*
MINUTEMANII	IME	Minuteman II MultiMixer	Y



Wheelman II Wheelbarrow MultiMixer

Batch Capacity	5 cu. ft.
Batch Output	200 lb., 2 cu. ft.
Motor	½ hp, 110 V/6 amp
Wheel Size	14" pneumatic tires
Length	47"
Height	37"
Width	26"

Item #	Code	Description	Stock*
WHEELMANII	IME	Wheelman II MultiMixer	A



Workman II Towable MultiMixers

	250G	350G
Batch Capacity	9 cu. ft.	12 cu. ft.
Batch Output	6 cu. ft.	9.5 cu. ft.
Pneumatic Wheels	20"	20"
Honda Gas Engine	5½ hp	5½ hp
Length	72"	76.5"
Height	55"	56"
Width	36"	37.5"

Item #	Code	Description	Stock*
250G	IME	9 cu. ft. Workman II MultiMixer	A
350G	IME	12 cu. ft. Workman II MultiMixer	A



Mix-N-Go MultiMixer



Polyethylene drum with pneumatic tires and stand.

Drum Capacity	4.5 cu. ft.
Mixing Capacity	3 cu. ft.
Motor	.75 hp, 115 V, 1Ph, Electric
Weight	138 lb.
Stand Weight	35 lb.
Length	48½"
Height	34"
Width	23⅝"

Item #	Code	Description	Stock*
MC3PEA	MUL	Portable MultiMixer with Stand	Y

Mortar Mixers

Features

- Engine shroud of heavy gauge steel provides protection and safety during operation and transportation
- Reinforced steel latches ensure long life and positive engagement
- Machined, single piece, 1.63' hex steel main shaft improves strength and durability
- Blade arms are held to the main shaft with conforming plates and hardware
- Cast iron trunnion and pillow block house a triple seal protection system utilizing both rigid steel washers and flexible synthetic grease seals



Item #	Code	Batch Capacity cu. ft. (cu. m)	Batch Cap. Bags	Power	Drive	Wheels	Mixer Size WxLxH in. (cm)	Weight lb. (kg)	Stock*
MM908H	MBW	9 (.26)	3–3.5	Honda 8	V-Belt to Gears	ST175/80D13	46 x 71 x 57 (117 x 180 x 145)	775 (352)	Y
MM605H	MBW	6.3 (.18)	2	Honda 5.5	V-Belt to Gears	12 x 4.80 High-Speed	46 x 64 x 56 (117 x 163 x 142)	665 (302)	A
MM608H	MBW	6.3 (.18)	2	Honda 8	V-Belt to Gears	12 x 4.80 High-Speed	46 x 64 x 56 (117 x 163 x 142)	665 (302)	A
MM12011H	MBW	12 (.34)	3.5–4.5	Honda 11	Sealed Gear Box	ST175/80D13	46 x 84 x 57 (117 x 213 x 145)	985 (447)	A

Concrete Buckets

CAMLEVER**All 'N One**

Fork lift or crane bucket pours columns, slabs, beams and walls. Available $\frac{3}{8}$ yd. to 8 yd.

**Round Laydown Bucket**

Extra-low permits loading from transit mix. Easy to maneuver-in $\frac{3}{8}$ to 15 cu. yd. models.

**Trash Chute**

The most efficient method of removing trash from high-rise levels ever. Each unit built to specific job requirement.

**Lite 'N Tuf**

Rugged steel construction with up to 21% weight savings. Large pouring gate plus easy-open 4:1 operating ratio. Available in $\frac{3}{8}$ to 3 cu. yd. models.

**Trash & Material Handlers**

Crane hoisted, clam shell dumping. Available in 1, 2 and 4 cu. yd. models. Tough 12-ga. steel and $\frac{3}{8}$ " steel plate ribbed construction.

**Trip 'N Dump**

Easy to push, easy to clean, simple to operate for controllable dumping. Available in 6 and 8 cu. ft. models.

**Grout Bucket**

Special assembly includes hand control, valve, pump, hose and steel cone—fits Camlever bucket. Makes hardest jobs possible, particularly in tight spaces.

WE CAN DESIGN
BUCKETS FOR SPECIAL
APPLICATIONS

CALL FOR A
COMPLETE CATALOG

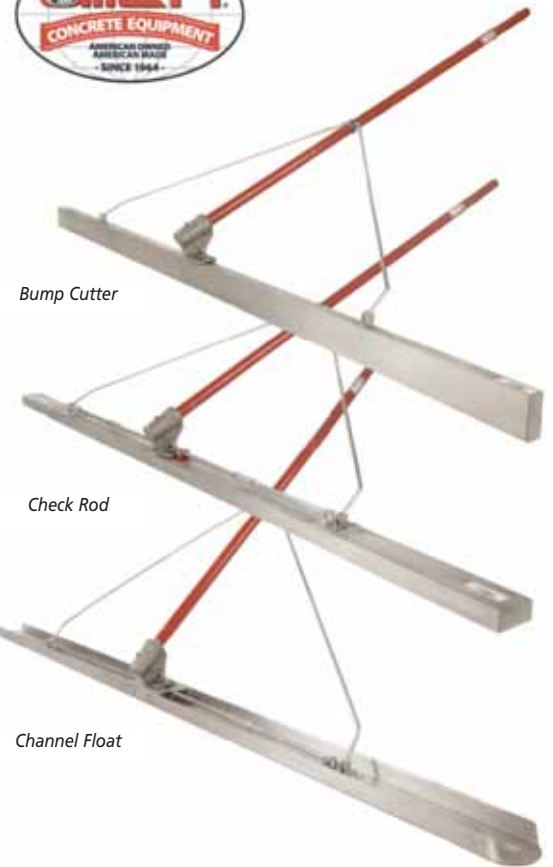


Utica 315-724-7119

Watertown 315-788-2612

Syracuse 315-671-4400

Concrete Hand Tools



Bump Cutter

Check Rod

Channel Float

Precision Hand Tools

Allen extruded magnesium Bump Cutter, Check Rod and Channel Floor hand tools are specifically designed to improve floor flatness levels. Each tool comes standard with three 6' snap-together aluminum handles.

Bump Cutter

Cuts down bumps and fills low areas after concrete slab has been floated. Available in 5' to 16' widths with 2" x 4" beam dimensions.

Check Rod

Reduces bumps and fills low areas while the concrete is still plastic. Available in 8' to 12' widths with 2" x 4" beam dimensions.

Channel Float

Use in lieu of traditional bull float for flatter floors. Available in 5' to 12' widths with 6" channel.

Item #	Code	Description	Stock*
040928	ALL	6' Channel Float	Y
—	ALL	Check Rod	A
—	ALL	Bump Cutter	A

Call for information, pricing and a full-line
Allen Concrete Equipment product catalog

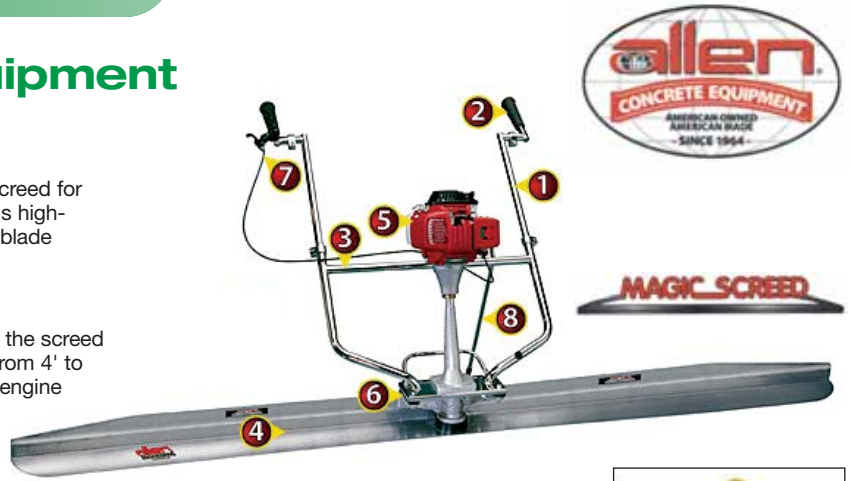
*Y = stock item; A = readily available by order

Concrete Finishing Equipment

Magic Screed

The Magic Screed is a precision engineered, lightweight wet screed for single operator strike-off of concrete. Fast and easy to use, this high-frequency screed provides uniform distribution over the entire blade length, enhancing structural integrity of the concrete through consolidation.

The Magic Screed is comprised of two parts (sold separately): the screed blade and the power unit. Magic Screed blades are available from 4' to 16' widths. The power unit has a Honda GX35 4-stroke 35 cc engine attached to adjustable twin handles.



Item #	Code	Description	Stock*
029687	ALL	4' Magic Screed Blade	Y
029688	ALL	6' Magic Screed Blade	Y
029689	ALL	8' Magic Screed Blade	Y
029690	ALL	10' Magic Screed Blade	Y
029691	ALL	12' Magic Screed Blade	Y
037982	ALL	14' Magic Screed Blade	Y
037983	ALL	16' Magic Screed Blade	Y
047581	ALL	Power Unit with Honda Engine & Adjustable Handles	Y

1. The Magic Screed Twin Handle
2. Ergonomically Designed Grips
3. Carrying Bars
4. The Magic Screed Blade
5. Magic Screed Engine
6. The Anti-Vibrating System
7. A Smooth-Operating Throttle
8. The Tilt-Up Stand



Razorback Walk-Behind Trowel

Series 436

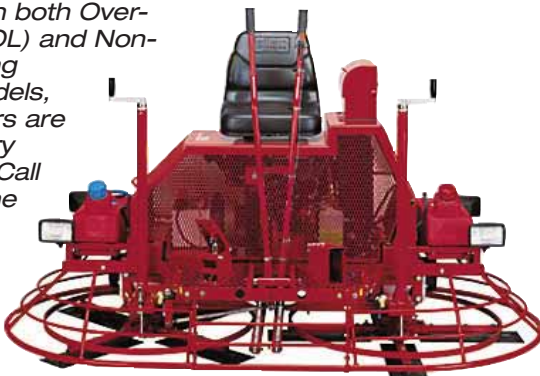
Ideal 36" diameter trowel for running pans, clip-on float shoes, combo blades, or finish blades.

42" and 46" also available. Call for a full line catalog.



Razorback Ride-On Trowel

Available in both Over-Lapping (OL) and Non-Overlapping (NOL) models, these riders are the industry standard. Call for a full line catalog.



Magic Screed

The steps to make your job easier

- **Concrete placement.** Place and spread the concrete as close to grade as possible.
- **Grade References.** Establish wet pads at the desired slab elevation using a laser or optical instrument. Space the wet pads along the pour strip on a distance equal to the Magic Screed blade length.
- **Wet Screeds.** Place each end of the Magic Screed on a wet pad and strike off an area of concrete that is at least 18" wide. This will be the wet screed reference. This area of wet concrete should be supported on both sides by fresh concrete.
- **Screeding.** Now, position the Magic Screed on the two wet screeds and walk backwards with the machine, making sure that both ends are following the wet screeds. One or two rakes are required to level concrete in front of the Magic Screed and the operator controls the travel and vibrator (throttle) speed.

Truss Series Screeds

Allen has steel and aluminum, gas and air powered models available. Call for a full line catalog.



*Y = stock item; A = readily available by order

Vibrators



Electric Power Units

Northrock Electric Power Units are available in three different sizes to meet application, shaft length, and head diameter needs up to 1½" in diameter. Motor size is selected to maintain an in-material working frequency of about 10,000 vpm under load.

Item #	Code	Description	Stock*
1.5PLUS	NR	14 Amp Vibrator Motor	Y
2PLUS	NR	15 Amp Vibrator Motor	Y
3PLUS	NR	19 Amp Vibrator Motor	Y



Backpack Power Units

Lightweight, yet powerful, these 50 cc, 1½ hp machines are strong enough to drive vibrator heads up to 2" in diameter while maintaining proper operating frequency.



Item #	Code	Description	Stock*
25A1	NR	50 cc Gas Vibrator Motor	Y
25AC2	NR	2" Backpack Head	Y
25R10	NR	10' Backpack Shaft	Y

Flexible Shafts

Northrock offers a choice of standard heavy-duty and light-duty pencil shafts in lengths from 1' to 30' in convenient increments. Lengths up to 60' are available with a simple shaft connector.



Vibrator Heads

Seven Northrock Vibrator Heads are available in a range of diameters from ¾" up to 2½". All heads are sealed at the factory and are maintenance free. Built for the busy contractor and a wide range of tough rental applications, they are designed for reliability and durability over extended periods of time.



How To Order

Please Call for Size Availability and Pricing

How To Order

Please Call for Size Availability and Pricing

POWER SOURCE INDICATOR

How to select components for your Northrock system:

- As a rule of thumb, the head size of the vibrator system should be selected to match the maximum aggregate size of the pour.
- The shaft length should be chosen based on the job at hand.
- Power sources are generally selected to maintain a vibration frequency of 10,000 vpm under maximum load.
- Match components using the chart below.

	Head Diameter (inches)	Shaft Length (feet)						
		2	5	7	10	14	30	
PRO 1.5 1½ HP Electric	¾							PRO 3.0 3 HP Electric/PRO 8G/GW 8 HP Gas
	1							
	1¼							
	1½			*	*	*	*	
PRO 2.0 2 HP Electric/PRO 5G/GW 5 HP Gas	1¾		*	*	*	*	*	
	2	*	*	*	*	*	*	
	2½	*	*	*	*	*	*	

Upgrade to next size power unit if any of the following conditions exist:

- A larger diameter head may be installed in the future.
- Low-slump concrete or abnormal conditions exist which restrict flow.
- Unit will run continuously as in a precast plant.
- Shaft connectors will be used to extend shaft length.
- Frequency is below 10,000 for any reason whatsoever.
- NOTE: Shafts are available in lengths up to 60' with connector.

Vibrators

Handy-Vib

- 12,000-15,000 vpm output
- Durable aluminum die cast motor case
- Interchangeable shafts
- Available in both flexible and hard shaft designs
- Anti-vibration handle
- Double insulated motor



ITEM #	CODE	IPT	FQCY	HEAD D x L	HEAD WEIGHT	AMPTD	FORCE OUTPUT	HOSE LENGTH	FLEXIBLE ASSEMBLY LENGTH	OVERALL LENGTH	NET WEIGHT	Stock*
—	ISK	110	12000-15000 vpm	1.26" x 7.36" (32mm x 187mm)	1.83 lbs. (0.83 kg)	0.063" (1.6 mm)	191.8-310.9 lb. (87-141 kgf)	1.97 ft. (0.6 m)	2.62 ft. (0.8 m)	3.61 ft. (1.1 m)	8.8 lb. (4.0 kg)	A
—	ISK							3.28 ft. (1.0 m)	3.94 ft. (1.1 m)	4.92 ft. (1.5 m)	9.9 lb. (4.5 kg)	A
HV32XT1-5M	ISK							4.92 ft. (1.5 m)	5.58 ft. (1.7 m)	6.56 ft. (2.0 m)	11.7 lb. 5.3 kg)	Y
HV32XT2-0M	ISK							6.56 ft. (2.0 m)	7.22 ft. (2.2 m)	8.20 ft. (2.5 m)	13.4 lb. (6.1 kg)	Y

Trowel Replacement Blades



Made of heavy-duty steel to exacting specifications for longer life and greater performance.

Item #	Code	Machine - Blade - Size	Stock*
SK100	KRA	Stone/Allen - Finish - 6" x 14"	Y
SK101	KRA	Stone/Allen - Combo - 8" x 14"	Y
SK102	KRA	Stone/Allen - Float - 8" x 18"	Y
SK105	KRA	Stone/Allen - Float - 10" x 18"	Y
SK214	KRA	Stone/Allen - Finish - 6" x 18"	Y
SK215	KRA	Stone/Allen - Combo - 8" x 18"	Y
SK300	KRA	Edco F1 - Finish - 6" x 14"	Y
SK301	KRA	Edco C1 - Combo - 8" x 14"	Y
SK302	KRA	Edco M1 - Float - 10" x 14"	Y
SK307	KRA	Edco F3 - Finish - 6" x 18"	Y
SK308	KRA	Edco C3 - Combo - 8" x 18"	Y
SK309	KRA	Edco M3 - Float - 10" x 18"	Y

We can supply you with blades to fit any trowel.

Call with model, size and type.

Grout Pump



Hand-Operated Grout Pump

Lightweight, compact pump needs no electric or air power source. Pump is easy to operate and pumps most type of cementitious grout.

- Pump: single diaphragm, self-priming
- Output capacity*: 6 gallons/minute
- Output pressure: 0 to 15 psi
- Hopper capacity: .62 cu. ft. (4.6 gallons)
- Placement hose: 1½" ID x 60" long; clear vinyl
- Discharge head: 10' vertical lift
- Size: 23½" x 12" x 23" high; 20 lb.

*Output and performance varies depending on cycle rate, viscosity of the grout mixture and pressure conditions

Item #	Code	Description	Stock*
GP2HD	KEN	Hand-Operated Grout Pump	Y

*Y = stock item; A = readily available by order

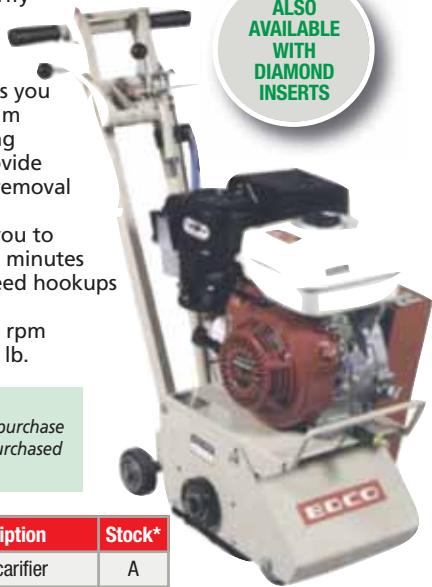
Concrete Scarifier

10" Walk Behind Scarifier

Ideal for aggressive removal of material, production scarification and heavy coatings removal.

- 10" working width will scarify approximately 500-700 sq. ft. per hour at depth per pass of 1/8"
- Engage/disengage lever lets you raise and lower cutting drum without losing depth setting
- Variable depth settings provide greater control of surface removal
- Heavy-duty 7-gauge frame
- Easy loading drums allow you to change your drum setup in minutes
- Vacuum ports and water feed hookups are standard
- 13 hp Honda engine; 2,446 rpm
- 41" L x 23" W x 41" H; 267 lb.

ALSO
AVAILABLE
WITH
DIAMOND
INSERTS



Rental Stock

Item is available for rent or for purchase from rental. Item can also be purchased new by special order.

Item #	Code	Description	Stock*
GPM10-13HP	EDC	10" Scarifier	A

Concrete Floor Grinder

Dual-Disc Grinder

- 22" working width
- Dual disc grinder will grind approximately 350-500 sq. ft./hr. at 1/32" with EDCO dyma-serts
- Gasoline, electric or propane power sources available
- Includes two multi-accessory discs, which accept dyma-serts, strip-serts and all other grinder accessories
- Counter-rotating discs prevent machine from pulling side to side and give operator greater control

Item #	Code	Description	Stock*
2EC	EDC	Dual-Disc Grinder	A

Masonry Saws

20" Upright Masonry Saw

Features:

- EDCO's exclusive fixed engine platform prevents engine burnout and reduces vibration
- Adjustable cutting head can be used manually or locked in a fixed position
- Heavy-duty 7-gauge steel construction reduces vibration and provides superior torsional rigidity for smooth, clean cuts
- Heavy-duty rolling table supports large materials
- Large capacity, 3-stage air filter protects gas engine from wear
- Belt-driven diaphragm water pump can be disconnected when cutting dry

Specifications:

- 13 hp Honda engine
- 2,400 rpm
- 58 1/2" L x 26" W x 75 1/2" H
- 480 lb.

Item #	Code	Description	Stock*
GMS20-13HP	EDC	20" Masonry Saw	Y



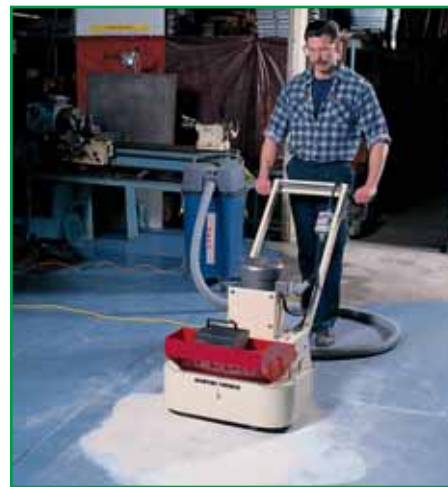
Chisel Scaler

Air-Powered Chisel Scaler

- 5' ergonomic heavy-duty steel with 4" steel chisel
- Removes up to 200 sq. ft. per hour of 4" ceramic tile set in standard thin-set
- Provides 2,500 hits per minute
- Quick-change hardened steel tool chuck assembly accepts multiple accessories
- Extra-large pistons provide hard hitting action
- 6-8 cfm at 90 psi
- 66" length; 18 1/2 lb.



Item #	Code	Description	Stock*
ALRE	EDC	Chisel Scaler	A



Masonry Saws

14" Masonry Saw

- Engine: 5.5 hp Honda GX200 Gas
- Maximum depth of cut: 5"
- Blade shaft diameter: 7/8"
- Arbor diameter: 1"
- Blade shaft drive: 2 belts
- Blade mounting: left
- Fuel capacity: 1 gallon
- Includes water pump



Item #	Code	Description	Stock*
CC555MXL2-H	DIA	14" Masonry Saw	Y

Concrete Floor/Road Saws

Walk-Behind Self-Propelled Saws

Large saw features in a medium saw design



CC1813HXL-20S

CC2524-H26



Item #	CC1813HXL-20S	CC2524-H26
Code	DIA	DIA
Description	20" Self-Propelled Concrete Floor Saw	26" Self-Propelled Concrete Floor Saw
Max. depth of cut	7 ⁵ / ₈ "	10 ³ / ₈ "
Engine	11 hp Honda GX390	20 ¹ / ₂ hp Honda GX670
Blade shaft speed	2,600 rpm	Varies
Blade shaft diameter	1 ¹ / ₄ "	1 ¹ / ₂ "
Arbor diameter	1" w/drive pin	1" w/drive pin
Belts	3	4
Transmission	Eaton Model 6	Eaton Model 6
Drive speed	0-80 ft./min.	0-130 ft./min.
Front wheel dimensions	5" x 1 ¹ / ₂ " x 3/4"	6" x 2" x 1"
Rear wheel dimensions	6" x 1 ¹ / ₂ " x 5/8"	8" x 2" x 1"
Fuel capacity	2 gallons	5 gallons
Stock*	Y	Y

Core Drills



Hand-Held Diamond Core Drill Kit

- Drills 1-3" diameter WET bits
- Drills 1-5" diameter DRY bits
- Adjustable shoulder rest and 3-postion grip
- Internal slip clutch
- 115 V; 2,200 rpm
- Thermal overload protection
- Includes (2) bit adapters, water kit and carrying case

Item #	Code	Description	Stock*
CDM1H	MUL	Hand-Held Wet/Dry Diamond Core Drill Kit	Y



WEKA DK12 Hand-Held Drill Motor

- WET coring only
- Three speed for bits up to 3" (6" mounted)
- Internal slip clutch
- 14 amp; 580/1,400/2,900 no load rpm
- Thermal overload protection
- Includes wrench and carrying case
- Can be used with optional M-4 core rig combination stand



4240020 - Stand Only

M-4 Core Rig Combination Stand

- Lightweight and portable
- Combination stand quickly angles to 45 degrees
- Reversible slide handle
- High strength, hard anodized aluminum column
- Top carrying handle and quick-release motor mount
- Carriage lock and leveling bolts
- Four adjustable slide bearings provide superior carriage rigidity

Item #	Code	Description	Stock*
DK12	MUL	WEKA D212 Hand-Held Drill Motor	Y
4240020	MUL	M-4 Core Rig Combination Stand Only	A

Tile Saws



Item #	WTS2000L	WTS950LN	WTS250
Code	LAC	LAC	LAC
Motor	15 amp / 2.4 hp	9 amp / 1.4 hp	10.5 amp / 1.6 hp
No Load Speed	4,200 rpm	7,000 rpm	12,000 rpm
Blade Capacity	10"	7"	5"
Depth of Cut	3 ³ / ₄ "	2 ¹ / ₄ "	1 ³ / ₈ "
Features	Laser Guide, LED Worklight, Stand	Laser Guide, Sliding Tray, Stand	Spindle Lock
Stock*	A	Y	A

Demolition Saws



14" Gas Powered Saw

Features include reversible cutting arm, anti-vibration system and X-Torq® engine technology, which produces 75% less emissions, 20% lower fuel consumption and more power.

- Engine: 6.5 hp
- Maximum depth of cut: 5"



Item #	Code	Description	Stock*
K970-14	HUS	14" Gas Powered Demolition Saw	Y

9" Cut-n-Break Saw

With a standard engine of 73 cc, the Cut-n-Break saw can cut in stages through walls up to 16" thick. Additional features include reduced noise levels, a high-efficiency vibration dampening system, and X-Torq® engine technology, which produces 75% less emissions, 20% lower fuel consumption and more power.

- Engine: 5 hp, gas
- Maximum depth of cut: 16"



Item #	Code	Description	Stock*
K760-CNB	HUS	9" Cut-n-Break Saw	Y

K 3000 Electric Powered Saw

The K 3000 is ideal for rapid and simple cutting and adjusting building components, pipes, reinforcing steel and struts. Features include overload protection, simple blade change, 12" vacuum outlet, and replaceable arbor bushing.

- Engine: electric 120 V
- Power: 1,800 watts
- Blade diameter: 13.78"
- Maximum depth of cut: 4.92"



Item #	Code	Description	Stock*
K3000-14	HUS	14" Electric Demolition Saw	Y

See our full line of Diamond Blades on pages 238-240



*Y = stock item; A = readily available by order

Demolition Saws



12" Electric Powered Saw

- Rating: 120 V AC/DC
- Amperage: 15
- No Load RPM: 5,000
- Wheel Diameter: 12"
- Depth of Cut: 3 7/8"
- Spindle Thread: 5/8"-11"
- Weight (lb.): 24.5



Item #	Code	Description	Stock*
1364	BOS	12" Electric Demolition Saw	Y

Green Concrete Saws



6" Soff-Cut 150

Husqvarna Soff-Cut is a unique patented system for early entry concrete sawing. This technology enables concrete to be cut within the first one or two hours of finishing and before final set.

- Mechanical blade depth control
- Nonmarking, nonstick polyurethane wheels
- Retractable front guide system
- Folding handle
- Easy pull-start engine
- Motor: 4.3 hp, 4-stroke Robin EX13
- Fuel tank volume: 0.7 gallons
- Recoil start; air cooled
- Maximum cutting depth: 1.18"
- Blade shaft: 3800 rpm
- Weight: 87 lb.



Item #	Code	Description	Stock*
966844805	HUS	6" Soff-Cut 150	Y

*Y = stock item; A = readily available by order

Hydraulic Powered Saws



Model S14



Model S20

HydraSaw

Model	S14	S20
Blade size	14" (35.5 cm)	20" (50.8 cm)
Cutting depth	5 1/4" (13.3 cm)	7 1/2" (19 cm)
Flow (max)	5-8 gpm (20-30 lpm)	5-8 gpm (20-30 lpm)
Oil pressure	2,000-2,500 psi (138-172 bar)	2,000-2,500 psi (138-172 bar)
Weight	21 lb. (9.5 kg)	37 lb. (16.8 kg)

Item #	Code	Description	Stock*
2001400	RGC	S14 14" HydraSaw	A
2002000	RGC	S20 20" HydraSaw	A



20" Bar & Chain Available

HydraCutter C150™

Weight (approx.)	30 lb. (14kg)
Cutting depth	15" (38.1 cm), 20" (50.8 cm)
Bar size	22 1/4" x 4" (55.9 cm x 10.2 cm)
Flow	8 gpm (30 lpm)
Pressure	2,000-2,500 psi (138-172 bar)
Water flow	3 gpm (11.4 lpm)
Water pressure (recommended)	80-100 psi (4-5 bar)

Item #	Code	Description	Stock*
1901500**	RGC	C150 HydraCutter	A
Diamond Segmented Chains			
5209151	RGC	SL25-76 15" Diamond Segmented Chain	Y
5209153	RGC	SL45-76 15" Diamond Segmented Chain	Y

HydraPak

Specifications

Model	HH1358
Engine	Honda 13 hp
Fuel capacity	7 qt. (6.5 ltr.)
Flow	5 or 8 gpm (20 or 30 lpm)
Pressure (max)	2,240 psi (155 bar)
Weight	240 lb. (109 kg)
Hourmeter	Yes



Item #	Code	Description	Stock*
2001400**	RGC	HydraPak	A

**Rental Stock

Item is available for rent or for purchase from rental. Item can also be purchased new by special order.

Floor Sanders



U-SAND[®] PRO

U-Sand[®] Pro-Sander

Four-pad, random orbit technology makes floor sanding easy and worry-free by eliminating the possibility of damaging the floor. The U-Sand Pro-Sander offers three pieces of floor sanding equipment in one—floor sander, floor edger and floor buffer.

Item #	Code	Description	Stock*
US-PRO	CHR	U-Sand Pro-Sander	A

Don't forget!

WE RENT

- Screeds & Mixers
- Compressors
- Core Drills & Tampers
- Pumps & Generators
- Pressure Washers
- Lasers & Light Plants
- Concrete Saws
- & MUCH MORE

*Y = stock item; A = readily available by order



SL-8V with Hook and Loop Drum

The SL-8V has a completely sealed, repulsion-induction Baldor motor. It will run the drum at 1,800 rpm constantly on 14 amps (standard household current). This design, unique to the Silver-Line motor, ensures that the drum will not slow down or speed up as it sands, resulting in a level, smooth finish without waves.

New hook and loop drum incorporates hook and loop technology for installation of paper. Hook on the drum attached to the rubber, loop on the paper.

Specifications:

- Motor: 1.5 hp constant speed, 115 V, AC only, 60 cycle, single phase
- Drum: standard 8" width, soft rubber cover with aluminum drum core, spring loaded cam paper locking system; takes 8 x 20³/₁₆" paper
- Drum speed: 1,800 rpm, constant speed
- 115 lb. net weight; 140 lb. shipping weight
- Includes 25' power cord with twist lock connectors and standard plug, dust bag and wrench

SL-7 Edger

Specifications:

- Accurately machined interchangeable parts of highly polished aluminum alloys
- Motor: 1.5 hp Universal, 115 V, AC
- Disc pad: 7" diameter, rubber backed with steel, precision balanced, 3,600 rpm
- Disc guard: free wheeling, non-marking
- Vacuum: oversized rerouted chamber for extra-clean pickup
- Ball bearings on all revolving parts, lubricated and sealed
- Includes 25' power cord with twist lock connectors and standard plug, dust bag and wrench



Item #	Code	Description	Stock*
SL7	ESS	SL7 Edger	A
SL8	ESS	SL-8V w/Hook & Loop Drum	A

Rental Stock

Items on this page are available for rent or for purchase from rental. They can also be purchased new by special order.

Chain Saws



12" 680GC Concrete Chain Saw

The 680GC powerhead houses specially designed carburetion and ignition systems that work together to ensure easy starting, cooler operation, and dependable performance.

- Weight: 21 lb. with bar and chain
- Horsepower: 5 hp @ 9,500 rpm
- Engine: 2-stroke, single cylinder, air cooled
- Displacement: 4.7 cu. in. (76.5 cc)
- Noise level: 100 dB @ 3 ft.
- Fuel capacity: 0.23 gallons

Item #	Code	Description	Stock*
545058	ICS	12" 680GC Concrete Chain Saw	Y



633GC Cut-Off Saw with 16" Bar

Designed for general contractors, construction repair and demolition, this saw meets the wide range of cutting requirements encountered on the job. The 633GC can make square corners without overcuts, and it's great for irregular shaped holes or concrete pipe.

- Weight: 27.5 lb. with bar and chain
- Horsepower: 6.5 hp @ 8,700 rpm
- Engine: 2-stroke, single cylinder, air cooled
- Displacement: 6.2 cu. in. (101 cc)
- Noise level: 102 dB @ 3 ft.
- Fuel capacity: 0.26 gallons

Item #	Code	Description	Stock*
518369	ICS	16" 633GC Chain Saw	Y

*Y = stock item; A = readily available by order

Guide Bars & Diamond Chains



Gas Saw Guidebars

Item #	Code	Description	Stock*
71395	ICS	12" Guide Bar	Y
73600	ICS	14" Guide Bar	Y
71600	ICS	16" Guide Bar	Y



Diamond Chains

Item #	Code	Description	Stock*
71400	ICS	TWINMAX-29, 12" length	Y
71554	ICS	TWINMAX Abrasive-29, 12" length	A
71486	ICS	TWINMAX-35, 14" length	Y
71607	ICS	TWINMAX-35, 16" length	Y



STIHL®



TS410



TS420



TS500I



TS700



TS800



4224-710-1402

Cut-Off Machines

Item #	Code	Wheel Size	Displacement	Engine Power	Weight w/Wheel Guard	Fuel Capacity	Engine Speed	Maximum Spindle Speed	Arbor Size	Stock*
TS410	STI	12"	66.7 cc (4.07 cu. in.)	3.2 kW (4.4 bhp)	9.4 kg (20.7 lb.)	710 cc (24 oz.)	9,000 rpm (Elec. gov)	5,350 rpm	20 mm	Y
TS420	STI	14"	66.7 cc (4.07 cu. in.)	3.2 kW (4.4 bhp)	9.6 kg (21.2 lb.)	710 cc (24 oz.)	9,000 rpm (Elec. gov)	5,350 rpm	20 mm	Y
TS500I	STI	14"	72.2 cc (4.41 cu. in.)	3.9 kW (5.2 bhp)	10.2 kg (22.5 lb.)	725 cc (24.5 oz.)	9,000 rpm (Elec. gov)	5,350 rpm	20 mm	Y
TS700	STI	14"	98.5 cc (6.0 cu. in.)	5.0 kW (6.7 bhp)	11.6 kg (25.6 lb.)	1,200 cc (40.6 oz.)	9,300 rpm (Elec. gov)	5,350 rpm	20 mm	Y
TS800	STI	16"	98.5 cc (6.0 cu. in.)	5.0 kW (6.7 bhp)	13.0 kg (28.7 lb.)	1,200 cc (40.6 oz.)	9,300 rpm (Elec. gov)	4,600 rpm	20 mm	Y
Item #	Code	Cutquik Cart Parts								Stock*
4224-710-1402	STI	TS400/TS410/TS420 Cart without mount								Y
4238-790-0702	STI	TS410/TS420 Mounting Kit								Y
4205-007-1009	STI	Cutquik Cart Cutting Arm Guide								Y

Chain Saws

Mid-Range and Professional Use Chain Saws



STIHL®



MS261-16



MS290-16
MS290-18
MS290-20



MS362CQ-18



MS311-18



MS441-20



MS660-18



MS460R

Item #	Code	Displacement	Engine Power	Powerhead Weight	Fuel Capacity	Chain Oil Capacity	Oilomatic® Chain	Guide Bars Available	Recommended Guide Bar/Saw Chain	Guide Bar this Item	Stock*
Mid-Range Chain Saws											
MS290-16	STI	56.5 cc (3.45 cu. in.)	2.8 kW (3.8 bhp)	5.9 kg (13.0 lbs.)	560 cc (18.9 oz.)	330 cc (11.2 oz.)	.325" RMC3	40 to 50 cm (16" to 20")	16" 3003-812-7013/ #3634 26 RMC3 67	16"	Y
MS290-18	STI								18"	Y	
MS290-20	STI								20"	Y	
MS311-18	STI	59.0 cc (3.6 cu. in.)	3.1 kW (4.2 bhp)	6.4 kg (14.1 lbs.)	600 cc (20.3 oz.)	350 cc (11.8 oz.)	3/8" RSC3	40 to 50 cm (16" to 20")	16" 3003 008 8913/ #33624 33 RSC3 60	18"	Y
Professional Chain Saws											
MS261-16	STI	50.2 cc (3.06 cu. in.)	2.8 kW (4.6 bhp)	5.26 kg (11.6 lb.)	500 cc (16.9 oz.)	270 cc (9.13 oz.)	.325" RM3	40 to 50 cm (16" to 20")	16" 3003 008 6813/ #3624 26 RMC3 67	16"	Y
MS362CQ-18	STI	59.0 cc (3.6 cu. in.)	3.4 kW (4.6 bhp)	6.0 kg (13.2 lbs.)	600 cc (20.3 oz.)	325 cc (11.0 oz.)	3/8" RSC3	40 to 63 cm (16" to 25")	20" 3003-008-8921/ #3624 33 RSC3 72	18"	Y
MS441-20	STI	70.7 cc (4.3 cu. in.)	4.1 kW (5.5 bhp)	6.6 kg (14.6 lbs.)	725 cc (24.5 oz.)	360 cc (12.2 oz.)	3/8" RSC3	40 to 80 cm (16" to 32")	25" 3003-000-4030/ #3624 33 RSC3 84	20"	Y
MS460R (Rescue Saw)	STI	76.5 cc (4.7 cu. in.)	4.5 kW (6.4 bhp)	7.0 kg (15.4 lbs.)	800 cc (27.1 oz.)	325 cc (11.0 oz.)	3/8" RDR Rescue Chain	40 to 63 cm (16" to 25")	20" 3003-000-9421/ #3944 36 RDR 72	-	A
MS660-18	STI	91.6 cc (5.6 cu. in.)	5.2 kW (7.0 bhp)	7.5 kg (16.5 lbs.)	825 cc (27.9 oz.)	360 cc (12.2 oz.)	3/8" RSC3	40 or 90 cm (16" to 36")	20" 3003-000-4030 #3624 33 RSC3 84	18"	Y

Chain Saws

Electric and Occasional Use Chain Saws



MSE180CBQ-16



MS180C



MS192CE-12



MS211



MS250-18



Power Equipment Accessories

STIHL Helmet System

Tough ABS hard hat has a 6-point ratchet style suspension system, adjustable hearing protectors with a Noise Reduction Rating of 24 dB(A), and an epoxy-coated full face screen.



Chain Saw Carrying Case

Carrying case has a removable bar scabbard and built-in tool holders. Fits most chain saw models with up to a 20" bar, except MS 441 and wrap-handle saws.



Bar and Chain Oil

STIHL bar and chain oil is formulated to adhere to the bar and chain and to reduce wear. Special agents in the oil formulation help keep sap and pitch from clinging to the bar and chain.



HP Ultra Synthetic Engine Oil

Fully synthetic oil is specially suited for high performance 2-cycle chain saws and power tools. Oil has outstanding cleaning characteristics and superior lubricating qualities.



High Performance 2-Cycle Engine Oil

This STIHL High Performance oil is a quality 2-cycle engine oil developed for all STIHL products and is especially suitable for professional chain saws.



Item #	Code	Description	Stock*
0000-886-0100	STI	Helmet System	Y
0000-900-4008	STI	Chain Saw Carrying Case	Y
0781-516-5001	STI	Bar and Chain Oil - Quart	Y
0781-516-5005	STI	Bar and Chain Oil - Gallon	Y
0781-313-8002	STI	HP Ultra Synthetic Oil - 2.6 oz.	Y
0781-313-8010	STI	HP Ultra Synthetic Oil - 6.4 oz.	Y
OIL-2.60Z	STI	High Performance 2-Cycle Oil - 2.6 oz.	Y
OIL-6.40Z	STI	High Performance 2-Cycle Oil - 6.4 oz.	Y

Item #	Code	Displacement	Engine Power	Powerhead Weight	Fuel Capacity	Chain Oil Capacity	Oilomatic® Chain	Guide Bars Available	Recommended Guide Bar/Saw Chain	Guide Bar (this item)	Stock*
<i>Electric Chain Saw</i>											
MSE180CBQ-16	STI	-	1.8 kW (2.4 bhp) 15.5 amps, 120V	3.5 kg (7.7 lbs.)	-	200 cc (6.8 oz.)	3/8" PM1	30 to 45 cm (12" to 18")	16" 3005-000-4813/ #3998 63 PM1-55	16"	A
<i>Occasional Use Chain Saws</i>											
MS180C	STI	31.8 cc (1.8 cu. in.)	1.5 kW (2.0 bhp)	3.9 kg (8.6 lbs.)	250 cc (8.5 oz.)	150 cc (5.1 oz.)	3/8" PMN	30 to 40 cm (12" to 16")	14" 3005-000-3909/ #3982 61 PMN-50	16"	Y
MS192CE-12	STI	30.1 cc (2.15 cu. in.)	1.3 kW (1.7 bhp)	3.3 kg (7.4 lbs.)	270 cc (9.1 oz.)	220 cc (7.4 oz.)	3/8" PMMC3	30 to 40 cm (12" to 16")	14" 3005-000-3909/ #3610 61 PMMC3 50	12"	Y
MS211	STI	35.2 cc (2.2 cu. in.)	1.7 kW (2.3 bhp)	4.6 kg (10.1 lbs.)	280 cc (9.5 oz.)	180 cc (6.1 oz.)	3/8" PMC3	30 or 40 cm (12" to 16")	16" 3005-008-4813/ #3636 63 PMC3 55	16"	Y
MS250-18	STI	45.4 cc (2.77 cu. in.)	2.2 kW (3.0 bhp)	4.6 kg (10.1 lb.)	470 cc (15.9 oz.)	200 cc (6.8 oz.)	.325" RM3	40 to 45 cm (16" to 18")	18" 3005 008 4717/ #3624 26 RMC3 68	18"	Y

STIHL®



Trimmers

Item #	Code	Displacement	Engine Power	Weight (w/o cutting attachment)	Fuel Capacity	Stock*
<i>Occasional Use Trimmers</i>						
FS40CE	STI	27.2 cc (1.66 cu. in.)	0.7 kW (0.9 bhp)	4.5 kg (9.9 lbs.)	340 cc (11.5 oz.)	Y
FS45	STI	27.2 cc (1.66 cu. in.)	0.75 kW (1.01 bhp)	4.1 kg (9.0 lbs.)	330 cc (11.2 oz.)	Y
FS55R	STI	27.2 cc (1.66 cu. in.)	0.75 kW (1.01 bhp)	4.8 kg (10.6 lbs.)	330 cc (11.2 oz.)	Y
<i>Professional Trimmers & Brushcutter</i>						
FS90R	STI	28.4 cc (1.73 cu. in.)	0.95 kW (1.27 bhp)	5.3 kg (11.7 lbs.)	530 cc (18.0 oz.)	Y
FS110R	STI	31.4 cc (1.9 cu. in.)	1.05 kW (1.4 bhp)	5.5 kg (12.1 lbs.)	530 cc (18.0 oz.)	Y
FS250R	STI	40.2 cc (2.45 cu. in.)	1.6 kW (2.15 bhp)	6.0 kg (13.2 lbs.)	640 cc (21.6 oz.)	Y
<i>KW PowerSweep™ Gearbox</i>						
4601-740-4401	STI	Interchangeable Power Broom Gearbox for FS90R, FS110R, FS250R				Y



4601-740-4401

KW PowerSweep™ converts trimmer into a gasoline-powered, rubber-padded broom for construction, winter clean-up and street maintenance.



Pole Pruners

Item #	Code	Displacement	Engine Power	Weight (w/cutting attachment)	Fuel Capacity	Shaft Length	Oilmatic® Chain	Guide Bar & Chain	Stock*
HT100	STI	31.4 cc (1.9 cu. in.)	1.05 kW (1.4 bhp)	5.5 kg (12.1 lbs.)	530 cc (18.0 oz.)	1.7 m (5'7") Fixed Length	3/8" PMMC3	30 cm (12")	Y
HT101	STI	31.4 cc (1.9 cu. in.)	1.05 kW (1.4 bhp)	7.4 kg (16.3 lbs.)	530 cc (18.0 oz.)	2.3 m - 3.5 m (7'6" - 11'6") Telescoping	3/8" PMMC3	30 cm (12")	Y

*Y = stock item; A = readily available by order

Stihl® KombiSystem



The STIHL KombiSystem is a family of multi-task tools comprised of a STIHL KombiMotor (KM) and numerous KombiSystem attachments (sold separately), offering the user flexibility and savings on costs and storage.

Item #	Code	Description	Engine Power	Stock*
KombiMotor				
KM110R	STI	31.4 cc (1.9 cu. in.)	1.05 kW (1.4 bhp)	Y
KM90R	STI	28.4 cc (1.73 cu. in.)	.95 kW (1.27 bhp)	Y
KombiSystem Attachments				
4601-740-4900	STI	KB-KM PowerSweep™		Y
4601-740-4901	STI	KW-KM Bristle Brush		Y
4601-740-5001	STI	BF-KM Mini-Cultivator		Y
4140-200-0332	STI	FS-KM Line Head Trimmer		Y
4140-710-7143	STI	HT-KM Shaft Extension		Y
4182-200-0070	STI	HT-KM Pole Pruner		Y
4606-740-5001	STI	BG-KM Blower		Y



Auger Earth Auger

Item #	Code	Displacement	Engine Power	Torque Engine/Auger	Fuel Capacity	Stock*
BT121	STI	30.8 cc (1.88 cu. in.)	1.3 kW (1.75 bhp)	1.7 Nm (1.25 ft./lb.) / 79.0 Nm (58.22 ft./lb.)	640 cc (21.6 oz.)	A

Blowers & Shredder Vacs



Item #	Code	Displacement	Engine Power	Weight	Fuel Capacity	Air Velocity	Air Volume	Noise Level	Stock*
Handheld Blower									
BG56	STI	27.2 cc (1.66 cu. in.)	0.7 kW (.9 bhp)	4.2 kg (9.3 lbs.)	540 cc (18.3 oz.)	@round nozzle: 64 m/sec (143 mph)	@round nozzle: 710 m³/h (418 cfm)	70 dB(A)	Y
BG86	STI	27.2 cc (1.66 cu. in.)	0.8 kW (1.10 bhp)	4.4 kg (9.7 lbs.)	440 cc (14.9 oz.)	@flat nozzle: 85 m/sec (190 mph) @round nozzle: 69 m/sec (154 mph)	@flat nozzle: 610 m³/h (359 cfm) @round nozzle: 780 m³/h (459 cfm)	70 dB(A)	Y
Handheld Shredder Vac/Blower									
SH 86 C-E	STI	27.2 cc (1.66 cu. in.)	0.8 kW (1.10 bhp)	5.6 kg (12.3 lbs.)	440 cc (14.9 oz.)	@flat nozzle: 85 m/sec (190 mph) @round nozzle: 69 m/sec (154 mph)	@flat nozzle: 610 m³/h (359 cfm) @round nozzle: 780 m³/h (459 cfm)	70 dB(A)	A
Backpack Blower									
BR600	STI	64.8 cc (3.95 cu. in.)	3.0 kW (3.35 bhp)	9.8 kg (21.6 lbs.)	1400 cc (47.3 oz)	90 m/sec (201 mph)	with tube: 1210 m³/h (712 cfm) without tube: 1720 m³/h (1,012 cfm)	75 dB(A)	Y