

 **Atec
Supply**[®]



Telecommunications Catalog

Spring, 2009

ALTEC SUPPLY OFFERS FULL LINES FROM ALL SUPPLIERS IN THIS CATALOG
PLEASE CALL 1-877-GO ALTEC (1-877-462-5832) FOR MORE INFORMATION

GROUNDING & MECHANICAL JUMPER ASSEMBLIES

FAST TURNAROUND TIME AVAILABLE ON ALL GROUNDING ASSEMBLIES

Grounding assemblies can be fabricated with #2, 1/0, 2/0, or 4/0 600 Volt yellow cable, hotstick or barehand clamps, and threaded or unthreaded ferrules. Grounding assemblies are tested for resistance, tagged with resistance value and date-tested. Heat shrink is applied to protect from water penetration, providing a barrier to resist moisture and corrosion and positive stress relief of grounding cables at their terminations.

SELECTING GROUND CLAMPS AND CABLE

Altec offers both custom combinations as well as specifically designed sets (shown below) to best serve your needs. Among the options to consider:

Functional Fit

Choose your clamp type based upon size and purpose of the clamps. By design, many clamps serve a wide size range for their conductor type.

Adequate Capacity

Published ratings for both clamps and cable must withstand maximum-potential system fault-current magnitude and full-time duration.

Coordinated Connectors

Terminal (either pressure-type or threaded-type) selected for clamps dictates the cable ferrule type (either plain or threaded) to match.

On-Site Handling

Application clearances and fit (for overhead conductors and ground wires, transmission tower shapes, URD apparatus or substation buswork) affect clamp and cable dimensions.

Call 1-877-GO ALTEC for additional information.

Grounding & Mechanical Jumper Cables



P/N 0692-96066 Cable size #2
 P/N 0692-96067 Cable size 1/0
 P/N 0692-96068 Cable size 2/0
 P/N 9700-34943 Cable size 4/0



P/N 9700-40571 Cable size #2
 P/N 9700-40574 Cable size 1/0
 P/N 9700-40576 Cable size 2/0
 P/N 9007-11001 Cable size 4/0

Sampling of C-Type Clamps & Grounding Clamps



P/N 692-96145



P/N 9700-40203



P/N 9007-02256

Sampling of Chance Jumper Clamps



P/N 9700-40135

P/N 9700-05084

- P/N 9700-40135 features a 15 kV voltage class with a main line range of 162" to .721" and a jumper cable range of #2 to 2/0 cable
- P/N 9700-05084 features a 25 kV voltage class with a main line range of 162" to .883" and a jumper cable range of #2 to 4/0 cable

(shown left)

Sold as a Pair

(shown right)

Sold as a Pair

OUTFIT YOUR TRUCKS

CUSTOMIZED TELECOMMUNICATION TRUCK KITS



Tooling your new Altec Telecommunications Unit is now a phone call away. Altec Supply is proud to supply truck kits which allow users to have immediate access to all the tools and accessories required when outfitting a truck. We can customize the kit to fit your company's requirements. No longer will you have to wait weeks for tools as your unit sits idle; typical parts availability is immediate. Call 1-877-GO ALTEC (1-877-462-5832) or contact your regional Altec tool account manager.

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Wee Buddy®



- Ideal for inside wiring jobs in occupied conduit
- 1/8" total O.D.
- .080 core rod O.D.
- 50', 100', 150' available lengths

Little Buddy®



- Ideal for home drops from the hand-hole box to the house or building
- 3/16" total O.D.
- .125 core rod O.D.
- 150', 200', 250', 300' available lengths

Easy Buddy®



- Perfect for rodding or fishing conduit in buildings, as well as manhole-to-manhole or manhole-to-splicebox
- 1/4" total O.D.
- .125 core rod O.D.
- 300', 400' available lengths
- Available marked every 5'

Good Buddy®



- Designed especially for manhole-to-riser and riser-to-riser jobs
- Ideal for cable vaults and running larger conduit in buildings
- 3/8" total O.D.
- .250 core rod O.D.
- 300', 400' available lengths
- Available marked every 5'

Good Buddy® II



- Designed to rod or fish conduit with inside diameters of 2" to 4"
- 3/8" total O.D.
- .250 core rod O.D.
- 400', 500', 600' available lengths
- Available marked every 5'

Big Buddy®



- Ideal for manhole-to-manhole work or long-run cable pulls
- 1/2" total O.D.
- .375 core rod O.D.
- 500', 600', 800', 1000' available lengths
- Available marked every 5'

**Please call 1-877-GO ALTEC (1-877-468-5832)
for information regarding additional models and options.**

Jameson Buddy® System

Wee Buddy®



- Ideal for inside wiring jobs in occupied conduit
- 1/8" total O.D.
- .080 core rod O.D.
- 50', 100', 150' available lengths
- P/N 9701-59285 and P/N 9701-59287 kits include: (1) Pulling eye, (1) Flexible Tip, (1) Splice Ferrule, (2) End Ferrules (1) Adhesive Package, (1) Emery Cloth, (1) Storage Case

P/N 9701-59283	8-18-100	100'
P/N 9701-59285	8-18-100K	100' with Kit
P/N 9701-59286	8-18-150	150'
P/N 9701-59287	8-18-150K	150' with Kit
P/N 9701-59288	8-18-AK	Accessory Kit

Little Buddy®



- Ideal for home drops from the hand-hole box to the house or building
- 3/16" total O.D.
- .125 core rod O.D.
- 150', 200', 250', 300' available lengths
- P/N 9701-59289 and P/N 9701-54819 kits include: (2) Pulling eyes, (1) Large Flexible Tip, (1) Small Flexible Tip, (1) Splice Ferrule, (2) End Ferrules, (1) Adhesive Package, (1) Emery Cloth, (1) Canvas Storage Pouch

P/N 9701-59289	10-316-250	250'
P/N 9701-54819	10-316-300	300'
P/N 9701-59291	10-316-AK	Accessory Kit

2nd Man Cable Pulley



- Allows one technician to do the work of two
- Maintains proper bend radius and helps ensure proper pulling force for up to eight sets of four pair, Category 5 cable, and fiber optic cable
- Alleviates cable drag, making turns easier
- Reusable; can be left in place as a cable hanger
- Injection molded nylon and polypropylene
- Non-plenum for use in the appropriate air-handling space
- Load capacity: 75 lbs.
- Wheel diameter is approximately 4" outside and 2.3" inside; width of wheel is approximately 1.13" inside
- Length from axle pin to loop in strap is 7.25"; length from bottom of wheel to loop in strap is 9.25"

P/N 9701-59293 3241-2 Set of 2
P/N 9701-59294 3241-6 Set of 6

8" Folding Tri-Edge Saw



- Blade folds into metal handle with rubber grips
- Features spring loaded thumb lock

P/N 9701-59295 SB-8TE-F

Duct Hunter™ Traceable Rodder



P/N 9701-59296
P/N 9701-59297



P/N 9701-59299 • P/N 9701-59296 and P/N 9701-59297 have 5/16" rod diameters and 3/16" fiberglass core diameters

• P/N 9701-59299 and P/N 9701-59301 have 7/16" rod outside diameters and 5/16" fiberglass core diameters

Part Number	Jameson	Rod Length
P/N 9701-59296	12-516-300	300'
P/N 9701-59297	12-516-400	400'
P/N 9701-59299	13-716-500	500'
P/N 9701-59301	13-716-600	600'

- Locate to depths of up to 10'
- Rigid frame and reel construction
- Wheels allow for ease of field transport
- Rod end has male ferrule to attach sonde, roller guide, or pulling eye
- Accessory kit mounts on frame for easy access
- Kit includes roller guide, replacement end ferrule, splice ferrule, glue, and emery cloth
- Also available with rod marked in 5' increments
- A non-invasive solution for locating or mapping underground conduit or pipe
- All Duct Hunter™ Rodders feature a 3/8-16 male end end ferrule thread

Jameson Telecommunications Splicers

Splicer Scissors & Accessories



- Designed to provide safe, rugged use for many years
- Hot hammer forged for heavy duty performance
- High carbon steel is nickel-plated
- Special hardening process gives better durability by holding an edge longer when used on fiber cable products and other Kevlar® based products
- P/N 9701-59315 Scissors Pouch is slotted for positioning on a belt (shown left)
- P/N 9701-59318 Snip Grip is an ergonomic scissor handle that is designed to increase cutting leverage while reducing hand and wrist fatigue

Splicer Scissors and Accessories:

P/N 9701-59305 32-21P Plain
P/N 9701-59308 32-21N Notched
P/N 9701-59310 32-21PS Plain and Serrated
P/N 9701-59314 32-21NS Notched and Serrated
P/N 9701-59315 32-12 B Scissors Pouch
P/N 9701-59318 32-40 Snip Grip Ergonomic Scissor Handle
P/N 9701-59319 32-41NS Notched, Serrated Scissors; Snip Grip

Jameson splicer scissors are also available in scissor/knife combo pouches

PVC Pouch for Splicer Scissors



P/N 9701-59320



P/N 9701-59323 (Pouch Only)

- Black PVC pouch
- Sturdy case is resistant to damage, keeping scissors securely nestled in the pouch
- Provides superior protection for tools
- Also available with combinations of knife and scissors

P/N 9701-59320 32-15T For Scissors, Snip Grip

P/N 9701-59323 32-16T For Scissors, Snip Grip, Knife

Fiber Optic Shears



- High carbon stainless steel blades cut Kevlar® fibers, soft cable, wire insulation, tape, cable ties and other electronic materials
- Serrated, notched blade grips material and removes wire jacket
- Ergonomic handles are made of high strength fiberglass/nylon blend

• Includes web belt pouch
• Total length is 5.5"; Cutting length is 1.625"

P/N 9701-59324 32-60

Jameson Glow Fish Rods



- Flexible, high strength fiberglass rods manufactured with a luminescent resin that glows in the dark
- These non-conductive sectional rods are perfect for drop ceilings, attics, floors, walls, and crawl spaces
- The threaded sections make it possible to customize rod length to any job
- Rods are available in three diameters that can be used together in any combination
- 1/4" rod is designed for long runs where rigidity is needed to cover the distance
- The flexible 3/16" rod is preferred for short runs or where space is more limited
- The 5/32" rod has the smallest diameter, yet maintains the strength demanded by professionals; its extreme flexibility and high strength allow the the tightest turns without bending or breaking
- **P/N 9701-59271** includes: 1/4" rod: (2) 5' sections and (2) 2.5' sections; 3/16" Rod: (4) 5' sections; (1) whisk, (2) hooks, (2) bullet nose with eyelet
- **P/N 9701-59272** includes: 5/32" rod, 18' total length, (3) 6' sections; (1) bullet nose eyelet and one hook

- **P/N 9701-59274** includes: 1/4" rod, 24' total length, (3) 6' sections, (2) 3' sections; (1) bullet nose with eyelet and one hook
- **P/N 9701-59275** Accessory Kit includes: magnet, bullet nose with eyelet, hook, bullet nose with ring, whisk, ball chain

P/N 9701-59271	7-8-IK	Complete Installers Kit (1/4" and 3/16" Rods)
P/N 9701-59272	7SS-36T	5/32" Sectional Rod Kit
P/N 9701-59274	7-36-23T	1/4" Sectional Rod Kit
P/N 9701-59275	7-06AK	Accessory Kit

Jameson Stringing & Corner Blocks

Jameson Easy Rider™ Overlash Blocks

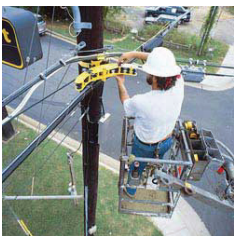


P/N 90-400 (Left)
P/N 90-400A (Right)

- Offers the versatility of stringing cable at midspan on new and existing overlash construction
- Wide keeper arm opening accommodates up to 3" cable bundles
- Low profile shaped frame greatly reduces cable damage as it passes through the block
- Ideal for easy cable placement from aerial lift buckets, as well as ground positions, using lay-up sticks

P/N 9701-57229	90-400	Nylon Roller
P/N 9701-57230	90-400-A	Aluminum Roller

90° Corner Blocks with Nylon Rollers



P/N 9701-59334 **80-591** **Single**
P/N 9701-59335 **80-592** **Dual**

- Designed to evenly distribute the pressure on the cable when pulling around corners
- Steel side plates can be replaced in the field, offering considerable savings and increased options
- Interchangeable with competitive set-up side brackets

Jameson Versa™ Blocks



P/N 90-100 (Left)
P/N 90-100A (Right)

- An economical, high strength, and lightweight overlash tool
- Can be snapped over a strand and cable package up to 2 1/4" diameter
- High rounded top bonnet prevents block from kicking under lasher; stacks evenly
- Brass roller axle allows the rollers to "ride easily" and rotate smoothly

- High strength steel frame maintains better cable alignment
- 1 1/2' width provides easy stacking when pushed by a lasher

P/N 9701-57232	90-100	Nylon Roller
P/N 9701-57233	90-100-A	Aluminum Roller

Pole Mount Brackets

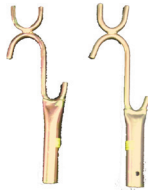


P/N 9701-59281 **70-101** **Single**
P/N 9701-59282 **70-102** **Dual**

- Ideal for mounting single, dual, or quad corner blocks on the pole
- Nylon ratchet strap will not damage existing cable drops on the pole
- Bracket base is contoured to fit the pole radius, providing maximum bracket stability

Other models available. Please call 1-877-GO ALTEC (1-877-462-5832) for more information

Jameson Wire Raiser



- P/N 9000-99704 fits Jameson's FG and JE poles (1.25" diameter)
- P/N 9701-59279 fits Jameson's BF poles (1.50" diameter)

P/N 9000-99704 WR-1 (Left Photo)
 P/N 9701-59279 WR-2 (Right Photo)

Jameson 25' Telescoping Measuring Stick



- Features standard and metric markings
- Designed for use in measuring heights of cable spans, trees, and bridges
- Seven sections retract into a compact 52" length

P/N 9701-59280 TP-125M

Jameson Fiberglass Inductive Head Poles



- Tests out-of-reach cables safely and efficiently
- P/N 9701-59276 and P/N 9701-59277 feature fiberglass foam cores with Inductive Head Clamp Adapters permanently mounted to one end and a male ferrule at the other end
- Access cables without climbing a pole or exhausting a manhole

Poles with Permanently Mounted Head Clamp Adapter:

P/N 9701-59276 FG-4MC 4' Inductive Head Pole
 P/N 9701-59277 FG-6MC 6' Inductive Head Pole
 P/N 9701-59278 IHA-2 Adapter Only

Jameson Cable Lifter



- Aluminum alloy Cable Lifter lifts copper, fiber optic and coaxial cable
- Use it to place cable on rollers, construction blocks and hardware
- Snaps into Jameson pole without an adapter

P/N 9701-82012 CL-1

Jameson Work Lights

31E Series Work Lights



- Designed to cover a wide variety of applications, especially those where work space is limited
- Thermoplastic elastomer handles and end caps are uniquely designed to absorb impact, providing longer bulb life
- Shatterproof, protective tube shield
- Large, adjustable hanger hooks

P/N 9701-59327 31-1325E 13 Watt; 110V AC; 25' cord
 P/N 9701-59328 31-1350E 13 Watt; 110V AC; 50' cord
 P/N 9700-97918 31-2425E 24 Watt; 110V AC; 25' cord
 P/N 9701-59329 31-2450E 24 Watt; 110V AC; 50' cord

31-12 Volt Series Fluorescent Work Lights with Rechargeable Battery Packs



- Offers the convenience of a cordless power tool with the safety factor of 12 volt power
- Operate off the Jameson battery pack or plug into a 12 volt receptacle for vehicular operation
- Overcharging is prevented by the "Smart

Charger", which maximizes the battery's safe energy storage capacity

- The battery and "Smart Charger" are housed in a nylon padded pouch on an adjustable belt with a quick disconnect buckle

P/N 9701-59330 31-1310-BP-SC Fluorescent Work Light with 4'-10' coil cord, plug adapter, Battery Pack with Smart Charger

P/N 9701-59331 31-1310-12VCC Fluorescent Work Light with 4'-10' coil cord and plug adapter

P/N 9701-59333 31-BP-SC 12 Volt DC Battery Pack, Smart Charger

GMP C2 Cable Lasher



- Lashes single or bundled cables up to 1 7/8" onto strand sizes 1/4" to 3/8" diameter
- Design improvements make the C2 equally suited for new construction or overlashing
- Strand lock swings out of the way for unobstructed overlashing

- Dual wire magazines for loading two coils of stainless steel lashing wire
- Typical wire dimensions: 1200' x .045" or 1600' x .038"
- Lightweight and compact: Unloaded: 35 lbs.; 10" O.D. x 18.5" long
- Furnished with a 6' bridle rope with snap hooks, an instruction manual and a rugged, lightweight storage chest

P/N 9000-70362 71422 C2 Cable Lasher Standard
P/N 9000-70190 70190 Towing Lanyard 35' (opt.)
P/N 9000-70011 70011 Lasher Guard "Halo" (opt.)

GMP Apollo Cable Lasher



- Perfect for all telecom cable construction, including Coaxial and FTTX cable
- Light weight and parallel-pull capability allow quick and easy cable stringing, over all outside plant cable routes
- Under 39 lbs. without wire; 12 1/2" diameter
- Lashes any telcom cable/innerduct

combination up to 4" diameter on strand sizes 1/4" to 3/8" diameter

- Positive slip-free gear drive (no belts) tested in excess of 1 million cycles
- Holds two coils of industry standard wire .045" x 1200' or .038" x 1600"
- Adjustable tension of lashing wire, affording tight or loose lash
- Wire tension constant regardless of amount on spool
- No lasher backroll when pulling force removed
- All smooth edges throughout provide 360° protection against cable damage
- Manual clutch release allows speedy span transfers
- The Apollo and every GMP lasher is fully serviceable to "good-as-new" specifications at our factory and at factory-trained service locations around the globe
- Protected by U.S. Patents #6,389,189 and #6,062,542
- Each Apollo lasher also includes a 6' towing bridle and a rugged, weather-tight storage chest to securely protect your lasher investment while it's not in use

P/N 9000-70400 70400 Apollo Lasher Standard
P/N 9000-70190 70190 Towing Lanyard 35'

GMP G Cable Lasher



- Lashes any cable from 2 1/2" to 5" diameter, on strand from 11/32" to 3/4" diameters with one or two left lay spiral wrappings of .065" diameter stainless steel wire
- Can be used for new installs or with existing cables in place
- Nominal spacing between wraps is 16 1/2"
- Each lasher includes a 6' bridle rope assembly with snap hooks, an information and operations manual, and a heavy duty storage chest

P/N 9000-10500 10500 G Cable Lasher Standard
P/N 9000-10502 10502 G Cable Lasher Modified for 1250' of .045" wire

P/N 9000-03165 03165 Bridle Rope Assembly only
P/N 9000-10501 10501 Chest only
P/N 9000-70190 70190 Towing Lanyard 35 ft. (opt.)

GMP J2 Cable Lasher



- Lashes a single aerial cable or numerous cables to a supporting strand or to an existing lashed cable with stainless steel lashing wire
- Will lash any single or multiple aerial cables up to 3" diameter across on any suspension strand from 1/4" to 7/16"; a factory modification will allow

the lasher to accommodate 1/2" strand if necessary

- Each of two recessed magazines will hold a 1200' coil of .045" lashing wire (or 450' of .065"); lashing wire is fully recessed and covered by a gate
- Features a fast setup procedure, quick coil loading, and automatic drum lock for easy span transfers and smooth forward travel
- Positive internal gear-to-gear mechanism has no chains or belts to stretch, slip or break
- Pre-drilled and tapped for mounting of the lasher guard or "halo" when lashing in overgrown areas
- Supplied with a 6' bridle rope assembly and snap hooks, and an information, operation manual, and storage chest

P/N 9000-86070 86070 J2 Cable Lasher Standard
P/N 9000-86071 86071 J2 Cable Lasher Modified for 450' of .065" wire

P/N 9000-70361 86072 J2 Cable Lasher Modified for 1/2" Strand

P/N 9000-70190 70190 Towing Lanyard 35' (opt.)
P/N 9000-70012 70012 Lasher Guard "Halo" (opt.)

Single Lashing Aerial Cable Guide



- This guide is economical but durable for new plant construction only
- Suitable for use with fiber and coaxial cables
- Cable shoe has a unique non-stick, highly polished stainless steel surface to minimize cable friction

P/N 9000-70055 GMP 70055

Overlash Aerial Cable Guide



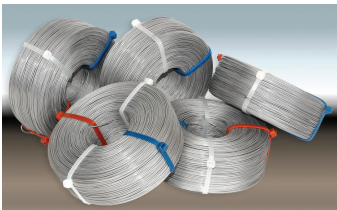
- Guides cables as they are pulled into a lashing position from a stationary or moving cable reel
- Offers the versatility of working for new installations or for overlashing cable to existing plant
- Cast aluminum shoe with a steel insert on the face provides longer wear life
- Shoe is suspended on steel straps with two strand rollers with safety lock,

preventing it from falling from the strand

- Steel frame parts are plated for corrosion resistance

P/N 9000-08007 GMP 08007

Stainless Steel Lashing Wire



- Used to lash an aerial cable or combination of cables to a supporting strand
- Packaged as 6 coils per carton for ordering convenience
- Available in a 430, 302, and 316 stainless steel alloy
- All lashing wire is wound in a straight hub configuration to fit all the standard GMP lashers

Type 430 Stainless

- Low carbon, 17% chromium wire
- Suitable for general use and in ordinary atmospheric exposure
- Will acquire only a dark surface stain
- Specifically not recommended for use within 25 miles of salt water or industrial operations which emit pollutants

Type 302 Stainless

- 18% chromium, 8% nickel analysis
- Excellent resistance to corrosion from industrial atmospheres
- Higher tensile strength and breaking load are an added benefit
- A .038 in. diameter Type 302 wire provides strength equal to a .045 in. type 430 wire with better ductility (easier bending and unwinding) and better elongation (less chance of wire breakage from stress)

Part Number	GMP	Alloy	Diameter	Ft. Coil	Coil Dia.	Coil Width	Coil Package	Note
P/N 9000-71530	71530	430	045	1200	5.38"	1.81"	6	1
P/N 9000-71532	71532	430	065	450	5.50"	1.69"	6	2
P/N 9000-71533	71533	302	045	1200	5.38"	1.81"	6	1
P/N 9000-71534	71534	316	045	1200	5.38"	1.81"	6	1
P/N 9000-71535	71535	302	038	1600	5.38"	1.81"	6	1

Strand Tensionmeter



- Used in tensioning new strand and in measuring the tension in existing strand
- 100% mechanical
- Quickly measures tensions of 1/4"

extra high strength, 5/16", 3/8", and 7/16" utilities grade, zinc coated guy wires and messenger cables per ASTM A-475

- For strands having less than 10,000 lbs. of tension
- Measures tension in pounds force with an average accuracy of plus or minus 3%
- Measures the force required to deflect the strand to an out of line position, registering this force on an integral dial
- Furnished with an analog thermometer, temperature compensation charts, detailed instructions and a hard shell plastic carrying case cushioned with foam rubber for protection

P/N 9000-70046 GMP 70046 UG* Strand Calibrations

P/N 9000-70446 GMP 70446 UG*/EHS* Strand Calibrations

* UG - Utilities Grade; EHS - Extra High Strength

Type 316 Stainless

- Modified 18-10 analysis containing approximately 2.5% molybdenum
- More resistant to the corrosive action of most chemicals, including chlorides and sulfides, than any other wire
- Particularly resistant to pitting and pin hole corrosion of the kind commonly caused by salt spray
- Its use provides the best insurance against failure under the most severe atmospheric conditions

Buying tip:

When estimating the length of lashing wire required for a cable run, add the following amounts to the length of the run for single lashing:

Add:*	For Cables Up to:
5%	1 1/2" diameter
10%	1 1/2" to 3" diameter
20%	Over 3" diameter

* For double lashing, double the quantity

Note:

- 1) Fits standard C2 Lasher, J2 Lasher, and Apollo Lasher
- 2) Fits G Lasher or Modified C2 and J2 Lashers

Cable Block with Aluminum Roller



- Features an aluminum roller and is designed for new strand and overlash work
- Accommodates up to a 2" cable
- The strand wedges in the "V" notch of the sturdy cast aluminum frame
- A rotating gate keeps line or cable on the roller

P/N 9000-70363 GMP 10700

Cable Block with Rubber Roller



- Features a rubber roller and is used for new strand and overlash work
- Can accommodate up to a 2" cable
- The strand wedges in the "V" notch of the sturdy cast aluminum frame
- Rotating gate keeps line or cable on the roller

P/N 9000-70364 GMP 10701

Clip-On Cable Block



- A tempered spring steel block used to support cable up to 1" during cable pull-out
- Fits over existing cable bundles up to 2"
- Unique housing profile keeps the lashing machine from "riding" over the unit
- Pliable urethane roller is forgiving of field abuse and will never mar or scar cable

P/N 9000-70365 GMP 87265

B Overlash Cable Block



- Ideally suited for messenger strands from 1/4" to 3/8" or bundles up to 2"
- A keeper retains the block on the messenger, and the fiber cable is positively retained in the block
- The block's gritty non-skid surface rests against the strand and minimizes sliding during the pulling in of cable
- Frame is made of zinc-plated steel and is designed for the optimum strength-to-weight ratio

• May also be used for placing small copper or coaxial cable

P/N 9000-70336 GMP 70336

F Cable Block Lifter



- Designed specifically for placing F Cable Blocks onto suspension strand
- Allows easy block placement from the ground
- Durable aluminum alloy material
- Use with GMP Extension Handles (Lay-up Sticks)

P/N 9000-08099 GMP 08099

D Cable Block



- Used for supporting a single cable up to 2 3/4" in diameter on 1/4" - 3/8" bare strand prior to lashing
- Sheave contains oilite bearings for smooth pulling operation and lasting life span
- Steel inserts on the underside of each strand hook for smoother pulling and less wear
- Lever actuated bi-directional cam locks the frame on the strand to prevent travel while pulling in cable

- Cam automatically releases the block when pushed by the lasher from the other direction
- Contains an eye hook that allows you to lift the unit and lock it into place from the ground

P/N 9000-72680 GMP 72680

D Cable Block Lifter



- Specially made for putting D Cable Blocks onto suspension strand
- Allows easy block placement from the ground
- Rugged aluminum alloy material
- Use with GMP Extension Handles (Lay-up Sticks)

P/N 9000-07163 GMP 07163

D Cable Block Hanger Bracket



- Used for hanging cable blocks at the pole as temporary support for cable or wire
- May be mounted on "J" brackets or suspension/extension bolts



P/N 9000-70366 GMP 70265

F Cable Block



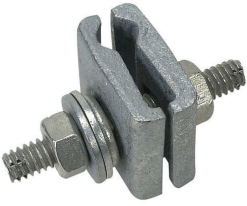
- Temporarily supports any cable up to 2 3/4" diameter on 1/4" - 3/8" diameter suspension strand during new construction or while overlashing to existing lashed cable
- Oilite bearings on the sheave and steel inserts on the underside of each strand hook provided for smoother operation and less wear and tear
- Built-in lever controls both the keeper and spring-loaded cam during installation and removal
- Optional spring loaded keeper is available to keep smaller cables captured in the pulley
- Cam holds the block firmly in position during pulling in, then releases during lashing so that the block can travel ahead of the lasher towards the end of the span

P/N 9000-08093 GMP 08093 F Cable Block

P/N 9000-70193 GMP 70193 F Cable Block with Keeper



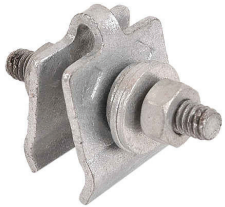
D Lashing Wire Clamp



- Perfect for temporary and permanent terminations or grounds, this all steel clamp lets you securely attach two lashing wires or #6 ground wire on any size strand from 1/4" to 7/16" diameter

P/N 9000-07886 07886 2-piece 100/Box

E Lashing Wire Clamp



- Designed for permanent wire terminations, this clamp has the same hardware, construction and clamping range as our D Clamp, but with a one piece stamping formed to let both sides grip the messenger in perfect alignment

P/N 9000-81460 81460 7/16" Opening 1-piece 100/Box

Lashing Wire Grip



- A screw type grip used to temporarily fasten lashing wire under tension before placing a permanent clamp
- Grip works with any size lashing wire
- Single groove accommodates any size strand

P/N 9000-08605 08605

Wire Raising Tool



- Use with GMP Extension Handles (Lay-up Sticks)

P/N 9000-06355 GMP 06355

Fiberglass Handles



- Made of light tubular fiberglass, 1 1/4" in diameter
- Are completely interchangeable with and slightly lighter than the wooden handles
- A special surface treatment for user protection from fiber pickup
- Dielectric strength of at least 25 kv/in., and a highly visible yellow color for extra safety in bad weather

P/N 9000-24193 24193 3' Fiberglass Handles
 P/N 9000-24194 24194 6' Fiberglass Handles
 P/N 9000-70367 15310 21' Fiberglass Handles Set includes (1) 3' Handle, (3) 6' Handles

Traveling Ground Kit



- Provides a means of maintaining a continuous ground connection to moving conductors such as strand, open wire, or pull line being placed from a stationary reel
- Roller must be connected to a suitable ground by means of one of the 1/0 jumper cables provided in order to minimize the voltage on the conductors mentioned above in the event of an accidental contact with an energized power conductor

Kit includes:

- (1) Aluminum, 3 roller traveling ground equipped with two 5/8" buss bars and (2) anchoring holes in frame
- (1) 30' jumper cable made from 1/0 clear PVC jacketed copper cable with copper compression ferruls and two 5/8" NC threaded ground clamps on each end
- (1) 2' jumper cable made from 1/0 clear PVC jacketed copper cable with copper compression ferruls and two 5/8" NC threaded ground clamps on each end
- (1) instruction card which outlines use of grounding kit per OSHA requirements

P/N 692-98789 71637

GMP B Ladder Seat



- Provides a sturdy work platform for the craft person performing work from a ladder
- Consists of a 7 ply 3/4" marine plywood seat hinged to a welded pipe frame
- Rear edge of the seat and the bottom crossmember of the frame are equipped with spring actuated latches to

automatically lock the platform to the ladder rung

- The upper surface of the seat has a non-skid finish which provides protection against slipping while working or changing position
- May be used on all aluminum or fiberglass ladders with either round or "D" aluminum rungs; the rung diameters may range from 1 1/4" to 1 5/8" inclusive
- Rated for a maximum load of 375 lbs.
- Platform is 9 1/2" deep x 18" wide x 3/4" high

P/N 9000-15326 15326

GMP E Ladder Support



- Supports the upper end of an extension ladder away from the cable and strand
- Can be used on any wooden or fiberglass extension ladder up to 18" wide, with side rails up to 2 1/8" wide, and on any 1/4" to 7/16" diameter strand
- Consists of two screw clamp assemblies, grooved to fit the strand and attached permanently to a U shaped aluminum alloy

member with a single rail fitting; also includes a safety rope and two tether chains

- P/N 9000-86350 extends 33 1/2" from the strand providing working clearance for splicing tools and jigs
- P/N 9000-86351 features shorter arms for jobs that require closer extension from the cable 23 1/2"

P/N 9000-86350 86350 33.5" Extension

P/N 9000-86351 86351 23.5" Extension

GMP Handlines

5/8" Underground Handlines



- Intended for lowering tools and materials and for setting up cables when doing underground work
- Handlines come equipped with a 1" open hook spliced in one end and a 6" eye splice at the other

P/N 9000-68592 68592 5/8" x 20'
P/N 9000-70368 68597 5/8" x 35'

3/8" Underground Handlines



- Available in lengths of either 50' or 100', this handline is used to raise service drop wires to pole mounted aerial distribution cable plant
- Features a crown splice on one end (without hardware) and a 6" eye splice on the other end
- Both ends are served with approximately 1/2" of waxed linen cord

P/N 9000-68593 68593 3/8" x 50'
P/N 9000-68595 68595 3/8" x 100'

1/2" Utility Handlines



- Intended for general construction use
- 1/2" x 60' handline comes equipped with a crown splice on one end (no hardware) and a 6" eye splice on the other end and waxed linen cord served at both ends for approximately 1/2"

P/N 9000-68596 68596 1/2" x 60'

Important:

When using handlines, whenever practical, raise and lower tools and materials while standing in a position where the movement of the load to its destination can be observed.

Do not permit the rope to slip through the hands when lowering a load, but use the hand over hand procedure.

Extreme care should be exercised when using a wet handline since it is more difficult to grip the rope securely.

Stand clear as far as possible when raising and lowering heated material, such as solder pots, paraffin pots, etc...ensure that no one is under a load while it is being positioned, raised, or lowered with a handline.

Note: *Do not use a wet handline where there is any chance that it may contact an electrical power source except in an emergency and then only when the craftsperson is protected by insulated gloves.*

Do not store handlines where they will come in contact with hot paraffin or solder pots, furnaces or sharp edged tools. Inspect the rope before the handline is used to ensure that it is in good condition.

GMP Manhole Guard Rail



- Helps protect field crews when working in and around manhole vaults
- Folds into a compact 2 1/2" x 33 1/4" rectangle, yet opens easily into a large 32" wide by 32" deep by 42" high cube
- Features two "D" rings welded to the frame for attaching our Spicer's Combination Tent (P/N 9000-70229)
- The guard is also compatible with GMP's Umbrella Tent (P/N 9000-17020)

P/N 9000-06867 06867

GMP Manhole Cover Lifter



- Simplifies the removal and replacement of typical Telephone manhole covers while decreasing the strain on the user
- Long handle provides useful leverage when removing and replacing manhole covers
- Made of an all-steel handle, sleeve, shank, foot and heat-treated alloy steel hook
- The open end of the hook can be locked inside the handle as an added safety feature when not being used

P/N 9000-01368 01368
P/N 9701-76856 13681

Manhole Cover Lifter
Manhole Cover Lifter w/spiked foot

GMP Manhole Cover Hook



- For prying loose conventional manhole covers
- Made from octagon plated tool steel that's been specially hardened to prevent bending

For actual removal of a cover please use one of our Manhole Cover Lifters.

P/N 9000-08172

GMP Utility Manhole Cover Lifter



- Designed for use with a wide variety of covers
- The plated steel tubular body has been made thicker for the typically heavier electric utility manhole covers
- Multiple hooks or "keys" are available to be placed on the shackle at the end of the lifter's galvanized chain, allowing one tool to remove multiple cover types

Part Number	GMP	Lifter	Small	Medium	Large
		70066	J-Hook	L-Hook	J-Hook
P/N 9000-70151	70151	X		X	X
P/N 9000-70152	70152	X	X		
P/N 9000-70153	70153	X		X	
P/N 9000-70154	70154	X			X
P/N 9000-70369	70155	X	X	X	
P/N 9000-70156	70156	X	X		X
P/N 9000-70157	70157	X	X	X	X



Small
J-Hook



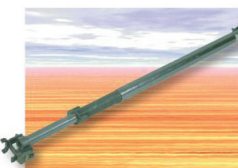
Medium
L-Hook



Large
J-Hook

GMP Underground

GMP D Manhole Platform Support



- Maximum working load limit of 400 lbs.
- Maximum open working position of 73"; minimum closed working position, 35 1/8"
- Features three telescoping pipe lengths, connected to two hangers that fit on the cable racks at opposite sides of the manhole; the middle pipe section has a

friction ring latch that locks onto the outside of the inner pipe to keep the pipes from accidentally extending during handling

- The hangers pivot so that you can use the supports even if the racks aren't directly across from each other
- Spring latch on each end to lock the support in place when in use
- Two wire stops extending through the pipes prevent over-extension of the telescoping sections
- Use two or more of these handy tools with planking to form a temporary platform in a manhole or cable vault

P/N 9000-08633 08633

GMP Aluminum Manhole Platform Support



- Constructed of high strength 6061 T6 rectangular tubing
- Maximum working load limit of 500 lbs.
- Featured are three telescoping tube lengths, connected to two hangers that fit on the cable racks at opposite sides of the manhole

- The inner tube section has a reinforced rubber latch that locks onto the outside of the outer tube to keep the tubes from accidentally extending during handling

- The hangers pivot so that you can use the supports even if the racks aren't directly across from each other
- There is a spring latch on each end for locking the support in place when in use
- Use two or more of these handy tools with planking to form a temporary platform in a manhole or cable vault

P/N 9701-76904 70363 46" - 108"
P/N 9701-76929 70364 35" - 78"

GMP Duct Rodders



- Fundamentally essential tools for underground tasks such as cleaning and locating ducts, threading lines or pulling cables
- Come equipped with a male threaded end fitting and tapered head on the leading end and a female threaded fitting on the back end
- Carriers are made of tubular steel alloy and are powder coated or electro-galvanized for corrosion resistance; larger diameter carriers have inboard wheels for easier

transport at the jobsite. Each carrier is fitted with a hand-operated brake to control payout

- Light weight, durable and corrosion resistant. The rod is coated with a tough UV stabilized safety orange polypropylene and are not affected by water
- They will not soften or lose tensile strength in hot weather, nor become brittle under cold conditions.
- Each Duct Rodder Frame assists the payout/pay-in of the rod material by using an eyebolt with a nylon bushing. The bushing is designed to protect the duct rod from abrasion and premature wear

Nominal Size	End Fitting Threads	Rated Tensile Strength	Rated Pull Strength	Minimum Bend Radius
1/4"	5/16-18	6,000 lbs.	500 lbs.	7.4"
3/8"	3/8-16	10,000 lbs.	1,400 lbs.	9"
1/2"	3/8-16	21,000 lbs.	1,800 lbs.	18"

1/4" DUCT RODDERS:

Part Number	GMP	Size
P/N 9000-70370	89202	1/4" x 100'
P/N 9000-70371	89204	1/4" x 200'
P/N 9000-70372	89206	1/4" x 300'
P/N 9000-70373	89208	1/4" x 400'
P/N 9000-70374	89210	1/4" x 500'

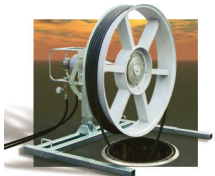
3/8" DUCT RODDERS:

Part Number	GMP	Size
P/N 9000-70375	89222	3/8" x 200'
P/N 9000-70376	89224	3/8" x 300'
P/N 9000-70377	89226	3/8" x 400'
P/N 9000-70378	89228	3/8" x 500'
P/N 9000-70379	89230	3/8" x 600'
P/N 9000-70381	89232	3/8" x 700'
P/N 9000-70382	89234	3/8" x 800'
P/N 9000-70383	89236	3/8" x 900'
P/N 9000-70384	89238	3/8" x 1000'
P/N 9000-70385	89240	3/8" x 1100'
P/N 9000-70386	89242	3/8" x 1200'

1/2" DUCT RODDERS:

Part Number	GMP	Size
P/N 9000-70387	89252	1/2" x 200'
P/N 9000-70388	89254	1/2" x 300'
P/N 9000-70389	89256	1/2" x 400'
P/N 9000-70390	89258	1/2" x 500'
P/N 9000-70391	89260	1/2" x 600'
P/N 9000-70392	89262	1/2" x 700'
P/N 9000-70393	89264	1/2" x 800'
P/N 9000-70394	89266	1/2" x 900'
P/N 9000-70395	89268	1/2" x 1000'
P/N 9000-70396	89270	1/2" x 1100'
P/N 9000-70397	89272	1/2" x 1200'

GMP Hydraulically Limited Cable Puller



- Designed to offer exceptional value while providing critical speed control and overload protection
- Adjustable pull control, up to 1000 lbs. maximum on a 40" diameter capstan
- Speeds up to 425' per minute at 15 gpm flow
- Control panel with pressure gauge, pressure adjustment knob and directional foot control valve
- Hydraulic hoses come with 1/2" non-spill quick-disconnect fittings for 2500 psi maximum hydraulic source input

P/N 9000-70398	70483	Hydraulically Limited Cable Puller Motor with Self-Support Frame, Foot Control Valve, and (2) Hydraulic Hoses
P/N 9000-70399	70484	Hydraulically Limited Cable Puller Motor with Vehicle Receiver Mount, Support Jack, Foot Control Valve and (2) Hydraulic Hoses
P/N 9000-70401	70486	Hydraulically Limited Cable Puller Motor with Foot Control Valve and (2) Hydraulic Hoses for 2 1/2" Square Socket Mount
P/N 9000-70402	70487	Stanley Hydraulic Power Unit with (2) Hydraulic Hoses, 1/2" diameter x 20'

GMP Fiber Optic Cable Blower



- Safe, fast and effective, even on tough terrain, the "Tornado" cable blowing machine will move fiber optic cable of 0.23" to 1.25" diameter at speeds to 300' per min. into pre-installed innerduct or direct-buried duct
- Accommodates 1" to 2.48" innerduct
- A conversion kit allows the Tornado to place either 12/10 mm or 10/8 mm micro duct into the innerduct
- Comprised of an aluminum air box and cable pusher, the "Tornado" uses compressed air to install the cable with or without a missile
- The hydraulically powered, caterpillar belt drive system controls the cable as it is propelled by compressed air into the duct
- An electronic monitoring system provides read-outs of speed and distance, protects cable against duct obstructions, and includes an emergency stop facility

Part Number	GMP	Description
9000-00344	89000	"Tornado" Cable Blowing Machine w/ Hydraulic Power Pack
9000-00345	89174	10/8 mm Micro Duct Conversion Kit
9000-00347	89175	12/10 mm Micro Duct Conversion Kit

GMP Mid-Assist Fiber Optic Capstan



- Lightweight aluminum alloy units mount on a standard 2 7/16" diameter drive shaft with either a bayonet or a cross pin type of connection
- Capstans can be used as end pullers or mid-assist booster pullers that will allow long, straight-through, splice-free pulls
- Offered with a torque limiter between the drive spindle and the inner hub, factory set at standard 600 lbs. force, but may be calibrated to other torque values, if requested
- Also available with a steel shaft and no torque limiter for no-slip applications with a maximum rated load of 1500 lbs.
- Can also be used with Fiber Optic Cable Blowers in series to place longer lengths of cable without splicing

Part Number	GMP	Diameter	Width	Pull lbs. force
9000-15472	15472	25"	5"	600
9000-15479	15479	25"	5"	1000
9000-15470	15470	25"	5"	N/A
9000-70403	70338	25"	5"	750
9000-70351	70351	32"	7.5"	600
9000-00326	70381	32"	7.5"	750
9000-00327	70471	32"	7.5"	1000
9000-00328	70472	32"	7.5"	N/A
9000-00329	70473	40"	7.5"	600
9000-00330	70475	40"	7.5"	1000
9000-00331	70478	40"	7.5"	N/A

GMP Fiber Optic Pulling Trailer



- Exceed the requirements of installing telecommunication cables, employing a 32" diameter single capstan to provide a controlled force to the pulling rope or tape
 - The single capstan allows the winch to be placed at the mid point of a section to assist in the pull, thus enabling longer pulls to be achieved
 - The winch is mounted on a sturdy all-steel fabricated chassis. It is equipped with torsional suspension axles, stabilizing prop legs, a front telescopic jockey wheel and a tow bar with a Lunette Ring
 - Rope take-up drum is driven independently by a hydraulic motor
- P/N 9000-00342 70605**

GMP Micro Fiber Cable Blowing Machine



- The "Breeze" micro fiber cable blowing machine is designed to meet the growing need for micro fiber cable installation (FTTx)
 - Can move micro fiber cable of 0.1" to 0.315" diameter at speeds up to 164' per minute into pre-installed micro duct
 - Compatible with micro duct O.D. from 0.197" to 0.629"
 - Two rollers (with soft covers) drive the micro fiber cable
 - Features self-centering rollers
 - Quick change rollers with one simple tool
 - Accessories include a multi-purpose carrying case/working stand, a rugged accessory case, and a tool kit
 - 110 volts AC power supply required
- P/N 9000-70404 89010**

GMP Stiff Spine Conduit Cleaners



- Cleans stubborn foreign matter from a partially obstructed conduit
- Oil tempered, spring steel bristles are looped through a mounting plate, providing extreme durability and resistance to loss
- Hundreds of cutting edges line each side of the cleaner for thorough cleaning action throughout the conduit in either direction

Part Number	GMP	Conduit ID	Body Length	Work Load Limit
9000-70407	10152	2"	4"	1250 lbs.
9000-70408	10153	2.5"	4"	1250 lbs.
9000-70409	10154	3"	5.25"	1250 lbs.
9000-70410	10155	3.5"	5.25"	1250 lbs.
9000-70411	10156	4"	5.25"	1250 lbs.
9000-70412	10157	5"	5.25"	1250 lbs.
9000-70413	10158	6"	5.25"	1250 lbs.

GMP Ball Bearing Swivels



- Tough swivels, designed to handle higher thrust loads for extra cable safety and faster straight pulls
- Precision-machined body is made of high quality stainless steel with higher working load ratings than comparably sized swivels available on the market
- These heavy-duty swivels are built with a thrust bearing for tensile load and a radial bearing for bending load

Part Number	Eye GMP	Load Width	Limit	Dia.	Length	Pin
P/N 9000-70136	70136	3/8"	2,250 lbs.	7/8"	3 3/8"	Slot
P/N 9000-70137	70137	17/32"	5,000 lbs.	1 1/4"	4 5/32"	Slot
P/N 9000-70138	70138	9/16"	7,000 lbs.	1 3/8"	4 19/32"	Slot
P/N 9000-70139	70139	11/16"	10,000 lbs.	1 5/8"	5 7/16"	Hex
P/N 9000-70140	70140	1 1/32"	25,000 lbs.	2 1/2"	9 5/8"	Hex

GMP Interduct Pulling Eyes



- Rugged chrome-plated steel pulling eyes allow innerduct placement to become a faster, safer operation
- Easy insertion by rotating the pulling eye into the innerduct allows the threads to make the connection
- A convenient hole in the threaded end

of the pulling eye body is used to tie off the innerduct pulling line or tape keeping it from being lost during the pulling operation

- Eyes with swivel eliminate the need to use a separate swivel between the winch line and innerduct
- The hex portion of the pulling eye allows use of a wrench to make the final turns when inserting into innerduct

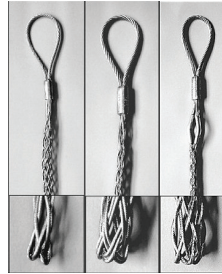
Without Swivel:

Part Number	GMP	Nominal Duct Diameter	Innerduct Inside Diameter Range	Max Pulling Eye Diameter
9000-60510	60510	1" & 1 1/8"	1" - 1.18"	1.5"
9000-60512	60512	1 1/4" & 1 3/8"	1.25" - 1.43"	1.75"
9000-60515	60515	1 1/2"	1.5" - 1.68"	2.0"
9000-60520	60520	2"	2" - 2.18"	2.5"

With Swivel:

Part Number	GMP	Nominal Duct Diameter	Innerduct Inside Diameter Range	Max Pulling Eye Diameter
9000-00321	61510	1" & 1 1/8"	1" - 1.18"	1.5"
9000-00322	61512	1 1/4" & 1 3/8"	1.25" - 1.43"	1.75"
9000-00323	61515	1 1/2"	1.5" - 1.68"	2.0"
9000-00324	61520	2"	2" - 2.18"	2.5"

GMP Flexible Pulling Grips



- Manufactured from high-tensile, galvanized steel wire that is evenly woven in a single, double or triple wire weave according to pulling tension requirements

Single Weave - Single Flexible Eye

Part Number	GMP	Diameter Range	Min. Breaking Strength	Grip Length
9000-70414	70660	.24" - .51"	1984 lbs.	11.81"
9000-70415	70661	.47" - .75"	3505 lbs.	21.65"
9000-70416	70662	.75" - .98"	4674 lbs.	23.62"
9000-70417	70663	.98" - 1.5"	5644 lbs.	27.56"

Double Weave - Single Flexible Eye

Part Number	GMP	Diameter Range	Min. Breaking Strength	Grip Length
9000-70418	70670	.39" - .79"	4101 lbs.	23.62"
9000-70419	70671	.79" - 1.18"	4974 lbs.	23.62"
9000-70420	70672	1.18" - 1.57"	8148 lbs.	23.62"
9000-70421	70673	1.57" - 1.97"	12103 lbs.	23.62"
9000-70422	70674	1.97" - 2.56"	12103 lbs.	23.62"
9000-70423	70675	2.56" - 3.15"	16138 lbs.	23.62"
9000-70424	70676	3.15" - 3.74"	16138 lbs.	23.62"
9000-70425	70677	3.74" - 4.33"	23398 lbs.	35.43"

Triple Weave - Single Flexible Eye with Shoulders

Part Number	GMP	Diameter Range	Min. Breaking Strength	Grip Length
9000-70426	70680	.24" - .51"	4960 lbs.	25.59"
9000-70427	70681	.47" - .75"	7452 lbs.	32.48"
9000-70428	70682	.75" - .98"	12214 lbs.	40.35"
9000-70429	70683	.98" - 1.26"	21054 lbs.	51.18"
9000-70434	70684	1.26" - 1.5"	25256 lbs.	55.12"

GMP Cable Bending Shoes



- These easy-to-install bending shoes protect cables from sharp edges in and around manholes and conduit systems
- Cadmium-plated, 13 gauge steel with a protective polymer coating to extend the life
- Tie off hole at either end for increases stability during the pulling of cables through it
- The trough-like steel section is bent into a 75° arc with an extended end for easier insertion into duct. This arc also provides a curved support for bending the cable around

P/N 9000-86570	86570	3"
P/N 9000-86571	86571	3.5"

GMP Manhole Sheaves



- The Manhole Sheave or "Pittsburgh" is used to guide pulling line or cable over the manhole edge when placing and removing cable in manholes which are equipped with pulling in irons to support a sheave and shackle assembly
- Consists of a reinforced, heat-treated wrought aluminum alloy frame with two

self-lubricating, bronze bushed aluminum sheaves

- The frame also has a hole in each side plate so you can insert a 1 1/4" diameter digging bar parallel to the ground to keep the sheave from being knocked into the manhole
- Overall unit dimensions: 30" long x 12" wide x 22" high
- Standard units are rated at 36,000 lbs.; the 80975 heavy duty 5" model is rated for 45,000 lbs.

P/N 9000-70283	70283	3" Manhole Sheave
P/N 9000-70284	70284	4" Manhole Sheave
P/N 9000-70285	70285	5" Manhole Sheave
P/N 9000-80975	80975	5" Heavy Duty

GMP Pulling Frames



- Used as a guide for the pulling line and cable when placing and removing cable in manholes that are not equipped with pulling irons
- 12' 6" frame is designed for use in manholes up to 11' 6" deep; 15' frame can be used in deeper manholes
- Each frame consists of two 6", high structural aluminum channels bolted back to back
- Sheave pin holes are at 6" centers; individual sheaves can be easily loaded or removed

- Two 1 5/16" diameter sheave pins come with each frame; the C pulling frame is used to support Cable Sheaves or the B operations

Part Number	GMP	Sheave Size
P/N 9000-71710	71710	3" x 12' 6"
P/N 9000-71711	71711	4" x 12' 6"
P/N 9000-71712	71712	5" x 12' 6"
P/N 9000-71713	71713	3" x 15'
P/N 9000-71714	71714	4" x 15'
P/N 9000-71715	71715	5" x 15'

GMP Cable Sheaves



- Constructed from high strength aluminum alloy; self-lubricating bushings for long, maintenance free lives
- Holes sizes: 1 3/8" diameter for a 1 5/16" pin



Part Number	GMP	A	B	C
P/N 9000-71723	71723	3"	11"	8 1/2"
P/N 9000-71726	71726	4"	11"	7 7/8"
P/N 9000-71729	71729	5"	11"	6 7/8"
P/N 9000-71722	71722	3"	20"	17 1/2"
P/N 9000-71725	71725	4"	20"	16"
P/N 9000-71728	71728	5"	20"	16 1/2"
P/N 9000-71721	71721	3"	26 1/2"	24"
P/N 9000-71724	71724	4"	26 1/2"	22 1/2"
P/N 9000-71727	71727	5"	26 1/2"	23"

GMP Cable Sheave Shackle



- Used for supporting a cable sheave or quadrant block in place at a manhole equipped with pulling-in irons
- Contains a two part clevis made of high strength structural steel, with two sets of sheave pin holes 1 3/8" diameter for accommodating either a cable sheave or quadrant block
- Forged steel hook attaches to the pulling in irons with a standard 1/2" x 6' construction chain, while the support half has a shoulder eyebolt so you can tie it off to a support rope over the manhole
- Will accommodate any 11", 20", or 26 1/2" cable sheave with a 1 3/8" hole size for 3", 4" or 5" cable
- Each shackle includes a 1 5/16" diameter sheave pin and can withstand working loads up to 10,000 lbs.

P/N 9000-71643	71643	3" Cable Size
P/N 9000-71644	71644	4" Cable Size
P/N 9000-71645	71645	5" Cable Size

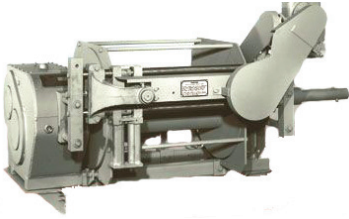
GMP Jamb Skid



- Supports quadrant blocks and sheaves when pulling cable through underground conduit
- Lightweight, constructed primarily of aluminum
- Includes (2) 1 5/16" diameter locking pins to lock the jamb skid height and secure the sheave or quadrant block
- Accepts all GMP sheaves and quadrant blocks with widths up to 7"

P/N 9000-70435	70640	48" - 85"; Includes 43" Extension
P/N 9000-70436	70643	84" - 121"; Includes 76" Extension
P/N 9000-70437	70646	114" - 151"; Includes 109" Extension
P/N 9000-70438	31356	Optional Extension for P/N 9000-70436 or P/N 9000-70437 to 48" - 85"
P/N 9000-70439	31357	Optional Extension for P/N 9000-70435 or P/N 9000-70437 to 84" - 121"
P/N 9000-70440	31358	Optional Extension for P/N 9000-70435 or P/N 9000-70436 to 114" - 151"

GMP CD 3 Continuous Duty Winch



- Designed for the placement or removal of communication cable or electrical conductors, in aerial or underground applications
- Compact design (51.85") for easy mounting
- Helical gears drive the winch
- For ease of removal for service or remounting in a new chassis, welding has been eliminated
- Rated for continuous duty in compliance with SAE J706, and has a bare drum pulling capacity of 24,000 lbs.
- Hydraulically driven Three Speed Transmission provides true "shift-on-the-fly", using the two spool valve supplied
- Full load brake is spring applied and hydraulically released and is designed to hold the rated load up to 24,000 lbs. on a bare drum; the brake is non-directional, meaning you can pull-in or power-out when required without overheating
- Level-wind mechanism for 7/16", 1/2", or 9/16" wire rope (specify exact o.d.), which distributes the wire rope onto the drum in tight, even lays; the level-wind can be supplied in overwind or underwind configuration at no additional charge; the unit is easily converted in the field

P/N 9000-70441 70524

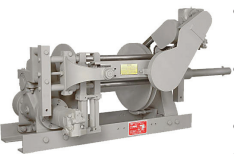
GMP 7400 Lb. Universal Swivel Sheave



- 7,400 lbs. maximum rated load
- Will swivel 360° continuously
- Rugged steel weldment
- Operates with 1/4" and 3/8" diameter wire rope
- Designed to be mounted in a receiver socket, the unit can be quickly removed and stored when not in use
- Operates with Adams CD Lite Winch
- Accessories include a multi-purpose carrying case/working stand, a rugged accessory case, and a tool kit

P/N 9000-70651 70651 7400 lbs. Rated Load

GMP WG Intermittent Duty Winch



- Ideal for applications requiring intermittent, heavy duty operation
- Ruggedly built to deliver long, trouble-free service life
- 20,000 lbs. pulling capacity (bare drum)
- Level-wind mechanism for 7/16" wire rope
- Wraps the wire rope onto the drum in tight, even layers
- Integral 2 speed hydraulic motor; pneumatically actuated clutch
- Adjustable full load brake with automatic engagement when drum rotation is reversed
- Hydraulically actuated disc brake to control free-spool payout
- Choose either left or right hand extension shafts (1000 lb. rating)
- Weight is 890 lbs. without wire rope

P/N 9700-35502 70530

GMP 25,000 lb. Universal Swivel Sheave



- Permits winches to pull wire rope from any angle within the operational limits of a maximum rated winch line pull of 25,000 lbs. force for underground applications and 14,000 lbs. force for overhead applications
- The UV-25 sheave assembly is a ruggedly constructed weldment designed for safety, ease of use, long life and minimum maintenance
- Designed to swivel 360° on anti-friction hardened steel balls
- Accepts wire rope up to 9/16" in diameter
- Constructed from steel plates, the unit features a hardened steel sheave with a roller bearing
- Features guide rollers that when removed allow the passage of the eye of the winch line through the unit
- Torsion springs and hardened steel rollers on the swivel head provide constant wire rope contact
- Can be mounted in many locations, including the tail shelves of utility vehicles
- Easily installed and dismantled from the tail shelf using (2) mounting sockets (P/N 9000-15836) and (2) hardened steel bolts (P/N 9000-17746)

P/N 9000-70202 70202

GMP Adams CD Lite Winch



- Computer designed from the frame up to capably handle your innerduct and fiber/coax placement requirement, it features a smaller cube and reduced weight, making it a perfect fit in today's "downsized" fleet
- 7400 lb. max. bare drum pull; 2500 lb. top layer line pull
- Single-section gear type motor rated @ 2300 psi operating/30 gpm max
- 390' per minute maximum line speed; 105 rpm @ 30 gpm
- Drum capacity of 2500' of 5/16" wire rope
- Instantaneous full load brake - brake is non-directional
- Counterbalance valve installed in the hydraulic circuit to eliminate back-roll drum rotation
- Level-wind mechanism for wire rope
- Clutch position sensing
- Free-spool caliper drag brake and remote actuator are supplied to control over-spooling
- Drum guard has been incorporated in the new design to control the cable if the drum is over spooled

P/N 9000-70601 70601

GMP 3 3/8" Ratcheting Cable Cutter



- Designed especially for cutting communications cable up to 3 3/8" in diameter
- 19" length allows cutting in tight spots like manholes, ditches or riser closets
- Ideal for cutting soft (annealed) copper

conductor cable with maximum capacity including 1800 pair 24 AWG or 2700 pair 26 AWG communications cables

- Incorporates a ratchet and pawl mechanism that is ground and hardened for years of clean cuts
- Features a reversible two-speed cutting (fast action/low leverage or normal action/high leverage) for extra power
- Blades are made from precision ground, high alloy tool steel with a special hardening process to keep cutting edges sharp
- Cutter head has a black oxide finish and handles are epoxy coated
- Includes a full grain leather scabbard to protect the cutter head during storage

P/N 9000-75250

75250

GMP B Tabbing Shears



- Designed specifically for making longitudinal cuts in cable sheath and metallic shield for placement of inner sheath bond clamps
- A precision ground and sharpened cutter edge makes these the finest shears produced
- The lower snout is rounded and thinly

contoured to fit smoothly between the cable shield and the core wrap without damaging conductors

- For extra safety the formed handle grips keep your hand from sliding forward as cutting progresses and a latch keeps the handles closed for storage

P/N 9000-08184

08184

GMP Splicer's Knife & Scissors Kit



- A favorite of craft professionals everywhere, this kit joins GMP's Splicer's Scissors and Skinning Knife in a single sturdy, belting-quality leather pouch
- The heavy duty pouch is stitched throughout and riveted at all stress points; separate pockets for each tool and a slotted back that will fit any belt up to 2" width

P/N 9000-15471

15471 Kit

P/N 9000-24470

24470 Pouch Only

P/N 9000-24471

24471 Splicer's Knife

P/N 9000-01008

01008 Splicer's Scissors

GMP Knife and Scissors Sharpener



- Sharp cutlery is both easier and safer to use, and you can keep your cutlery at its keenest with this easy-to-use sharpener
- The two carbide bits in front are for sharpening knives; to sharpen scissors, draw the non-serrated edge of your scissors, along the sharpener's

single side bit by resting the sharpener on a flat surface

- Just draw the sharpener along the blade of your tool three or four times, and the original edge is restored in seconds
- The built-in finger guard protects your hand

P/N 9000-15475

15475 Knife and Scissors Sharpener

GMP 36" Long Cable Cutter



- With its long 36" handles and big 3 3/8" cutting capacity, these rugged cutters definitely command respect
- Built to make clean cuts through even the thickest 1800 pair 24 AWG or 2700 pair 26 AWG lead or polyethylene-jacketed cable

P/N 9000-66250

66250

GMP Umbrellas

GMP D Umbrella and Dielectric Umbrella



- Umbrella's tough plastic 68" diameter cover is safety yellow on the top
- A reflective white underside decreases interior heat absorption
- Vinyl-coated, nylon rid-end pockets keep the frame from tearing the cover
- Features self-sealing, waterproofed, waxed stitching and improved construction, using a nylon sleeve and rib retainers for attaching the frame's six collapsible ribs
- Frame's collapsible fiberglass ribs connect at a ring-type lock that slides along the pole as umbrella is opened or closed
- 43" long wooden pole features a male ferrule that may be attached to the 29" extension section for a 6' height
- When working near power lines, choose the dielectric umbrella to eliminate potential sources of electrical shock

P/N 9000-80920 80920

D Umbrella

P/N 9000-70352 70352

Dielectric Umbrella

P/N 9000-28210 28210

Holder (Hardware Not Included)

P/N 9000-71647 71647

Adapter

P/N 9000-80921 80921

Nylon Storage Case

Fiber Optic Quadrant Block

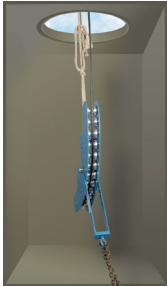


- Protects fiber optic cable during installation
- Pulling radius of 26"; 13 aluminum rollers on bronze bearings allow cable to make a gradual 90 degree turn for easy pulling through manhole opening
- Can be lowered into any manhole opening and chained in place for good alignment or used as a cable guide at street level

- Lightweight., corrosion resistant aluminum side plates
- 2600 lbs. cable tension load capacity
- 1.5" maximum cable diameter (consult cable manufacturer for minimum bend radius)
- Support bar sold separately
- Replacement sheaves available
- Made in the U.S.A.

P/N 9000-70442 8539350

Fiber Optic Hanger Arm



- Allows the hanging of the Fiber Optic Quadrant Block in a manhole for more flexible positioning

P/N 9000-70443 8539320

Overhead Fiber Optic Cable Sheave



- Specifically designed in cooperation with Alcoa Fujikura Ltd.
- For guiding fiber optic or CATV cable safely and efficiently
- Condux Cable Sheaves feature an innovative hanger arm that eliminates the possibility of cable coming off the sheave or binding against the support arm. With the removal of a pin, the hanger arm separates and allows cable to be slipped in easily - even at midpoints

- Available in twelve or twenty-four inch sheave diameters which allow for a gentle cable arc. Aluminum sheave construction means durability with less weight
- Maximum capacity - 1500 lbs.
- Replacement Sheaves available
- Made in the U.S.A.

P/N 9000-70444	8637840	12"
P/N 9000-61125	8637825	24"

Condux Pulling Eyes - PE/PVC & Innerduct

Innerduct Pulling Eyes - Swivel Head



- The Innerduct Pulling Eye is a hybrid tool that combines features from standard innerduct pulling eyes and Condux swivels
- A swivel head prevents twisting and binding of the innerduct as it is installed
- Eliminates the need for a separate

swivel on each pulling eye when installing single innerducts into individual conduits or multiple innerducts into a single conduit

- Short length is an advantage on tight bends compared to using a separate swivel and pulling eye
- Easily installed using a 1 3/8" deep socket or adjustable wrench
- Made in the U.S.A.

P/N 9000-70445	8960712	1" - 1.25"
P/N 9000-70447	8960715	1.5"
P/N 9000-70448	8960720	2"

Innerduct Pulling Eyes - Clevis Head



- Same tapered threads as the standard innerduct pulling eye, these pulling eyes feature a slotted head with clevis pin to permit direct attachment to any Condux multiple pulling harness leg ends
- When properly sized and installed,

these eyes will not pull out of the innerduct until the pulling tensions have greatly exceeded the maximum pulling tensions recommended by the innerduct manufacturers

- Made in the U.S.A.

P/N 9000-70449	8913525	.75"
P/N 9000-70450	8913502	1"
P/N 9000-70451	8913535	1.25"
P/N 9000-70452	8913536	1.5"
P/N 9000-70453	8913507	1.75"
P/N 9000-70454	8913537	2"

PE/PVC Pulling Eyes



Sleeved

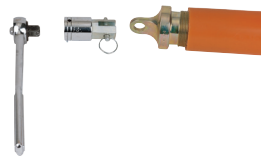
Non-Sleeved

- Provide optimum gripping power and a watertight design
- Watertight pulling eyes feature a multiple o-ring configuration, an extremely rigid center rod to prevent

- bending and a steel tapered lead cone with the same OD as the conduit
- These design features protect the outer leading edge of the conduit and provide a watertight seal
- Condux PE & PVC Pulling Eyes also feature split gripping segments with aggressive gripping threads coupled with a steel expander plug that better grips the full range of conduit ID's.
- Installation of the PE & PVC Pulling Eyes simply requires the leading eye to be tightened
- The pulling eyes come standard with attachment eyes at both ends for connecting rope or steel lines
- Pull-out strengths generally exceed the tensile capacity of the conduit
- Replacement parts available
- Made in the USA

Part Number	Condux	Description	Conduit ID	Range
P/N 9000-70455	8220020	Non-Sleeved	2"	1.88/2.15
P/N 9000-70456	8220030	Non-Sleeved	3"	2.69/3.13
P/N 9000-70457	8220611	Non-Sleeved	4"	3.50/4.20
P/N 9000-70458	8220050	Non-Sleeved	5"	4.25/5.06
P/N 9000-70459	8220060	Non-Sleeved	6"	5.06/6.00
P/N 9000-70460	8220600	Sleeved	1.25"	1.25/1.50
P/N 9000-70461	8220601	Sleeved	1.5"	1.50/1.75
P/N 9000-70462	8220602	Sleeved	2"	1.88/2.15
P/N 9000-70463	8220609	Sleeved	2.5"	2.31/2.56
P/N 9000-70464	8220603	Sleeved	3"	2.69/3.13
P/N 9000-70465	8220604	Sleeved	4"	3.50/4.06
P/N 9000-70467	8220605	Sleeved	5"	4.25/5.06
P/N 9000-70468	8220606	Sleeved	6"	5.06/6.00
P/N 9000-70469	8220608	Sleeved	8"	6.63/7.69

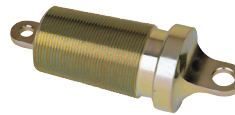
Innerduct Pulling Eye Installation Tool



- Fits a 1/2" drive ratchet to facilitate insertion of the eye into the innerduct

P/N 9000-70470 8913335

Innerduct Pulling Eyes - Fixed Head



- The Innerduct Pulling Eye is a hybrid tool that combines features from standard innerduct pulling eyes and Condux swivels
- A swivel head prevents twisting and binding of the innerduct as it is installed
- Eliminates the need for a separate swivel on each pulling eye when installing single innerducts into individual conduits or multiple innerducts into a single conduit
- Short length is an advantage on tight bends compared to using a separate swivel and pulling eye
- Easily installed using a 1 3/8" deep socket or adjustable wrench
- Made in the U.S.A.

P/N 9000-70471	8913400	.75"
P/N 9000-70472	8913320	1"
P/N 9000-70473	8913410	1.25"
P/N 9000-70474	8913411	1.5"
P/N 9000-70475	8913322	1.75"
P/N 9000-70476	8913412	2"

Condux Fiber Optic Blower & Accessories

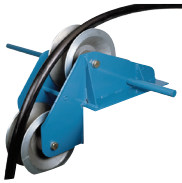
Fiber Optic Cable Blower



- Installs a wide range of both traditional and micro-fiber; this unit is one of the most versatile on the market
- Capable of blowing fiber ranging from .23" to 1.13" into innerduct from .98" OD to 1.97" OD • Unit can be equipped to install up to four 12/10 microducts or five 10/8 microducts - simultaneously
- Featuring an adjustable hydraulic tractor drive with compressed air assist, the Condux Fiber Optic Blower can install cable up to 300' per minute
- Features a traction control system that shuts the blower off if slippage or blockages are sensed and a distance counter with LCD read-out
- Call for assistance in selecting appropriate parts; made in the U.S.A.

P/N 9000-70477	08782000	LW Fiber Optic Blower
P/N 9000-70478	08780710	10/8 Multiple Microduct Kit
P/N 9000-70479	08780712	12/10 Multiple Microduct Kit
P/N 9000-70480	08780770	12.7 Multiple Microduct Kit
P/N 9000-70481	08761650	Y-Block
P/N 9000-70482	08780705	Micro Duct Pressure Gauge Kit

Corner Cable Guide



- Aluminum and Nylatron® sheaves for pulling cable into manholes
- Load capacity - 5000 lbs.
- Replacement sheaves available
- Support bar sold separately
- Made in the U.S.A.

P/N 9000-70483	8040000	3" w/Aluminum Sheave
P/N 9000-70484	8043100	4" w/Aluminum Sheave
P/N 9000-70485	8043200	5" w/Aluminum Sheave
P/N 9000-70486	8088600	6" w/Aluminum Sheave
P/N 9000-70487	8088800	8" w/Aluminum Sheave

P/N 9000-70488	8040025	3" w/Nylatron Sheave
P/N 9000-70489	8043125	4" w/Nylatron Sheave
P/N 9000-70490	8043225	5" w/Nylatron Sheave
P/N 9000-70491	8088625	6" w/Nylatron Sheave
P/N 9000-70492	8088825	8" w/Nylatron Sheave

Underground Fiber Optic Cable Sheave



- Specifically designed in cooperation with Alcoa Fujikura Ltd.
- For guiding fiber optic or CATV cable safely and efficiently
- Condux Cable Sheaves feature and innovative hanger arm that eliminates the possibility of cable coming off the sheave or binding against the support arm
- With the removal of a pin, the hanger arm separates and allows cable to be slipped in easily - even at midpoints
- In addition to the hanger arm, this product has an

additional arm for convenient tie-off when working in a vault or manhole

- Available in 12" or 24" sheave diameters for a gentle cable arc
- Aluminum sheave construction means durability with less weight
- Maximum capacity - 1500 lbs.
- Replacement Sheaves available
- Made in the U.S.A.

P/N 9000-70501 8637800

Fiber Optic Jamb Skid



- The Condux Fiber Optic Jamb Skid is used for supporting Fiber Optic Sheaves or Quadrant Blocks inside a manhole to protect the fiber cable as it is pulled into a manhole
- Constructed of steel tubing, the Fiber Optic Jamb Skid is load rated at 1000 lbs. yet lightweight enough to be installed by one person
- Made in the U.S.A.

P/N 9000-70502 8097100 46" Base Section w/Locking Pins
 P/N 9000-70503 8097200 43" Extension

Aluminum Split Bells



- These Condux Split Bell Feeding Sheaves plug into the conduit in a manhole wall - guiding cable safely into the conduit, regardless of the pulling angle
- With 360 degrees of pulling surface, any slacking of the cable or twisting of the sheave does not require resetting or adjustment of the sheave - saving time
- Made in the U.S.A.

P/N 9000-70493	8041520	2" x 8"
P/N 9000-70494	8041530	3" x 8"
P/N 9000-70495	8041535	3.5" x 8"
P/N 9000-70496	8041540	4" x 8"
P/N 9000-70497	8041550	5" x 8"
P/N 9000-70498	8041560	6" x 8"
P/N 9000-70499	8041515	4" x 15"
P/N 9000-70500	8041518	4" x 18"



Fiber Optic Hanger Block



- Five aluminum rollers on bronze bearings allow cable to make a gradual ninety degree turn for easy pulling through manhole opening
- The Condux Hanger Block has a pulling radius of 12"
- Two non-metallic 'keeper' rollers to hold the cable in place during the pull.
- Lightweight corrosion resistant aluminum plates
- Unit can be suspended in the manhole or hung on an overhead pole
- Maximum cable diameter - 3/4" (consult cable manufacturer for minimum bend radius)
- Maximum cable tension load - 800 lbs.
- Replacement sheaves available
- Made in the U.S.A.

P/N 9000-70504 8539550

Fiber Optic Sheave Mount Package



- Fiber Optic Sheave Mounts are an ideal solution to mid-point cable pulling solutions
- The adjustable sheave mount allows pinpoint adjustment from horizontal to vertical
- Portable components set up quickly and adjust from job to job, offering maximum versatility with minimum equipment
- Uses a standard 2 1/2" square mounting post for use with Fiber Optic Cable Puller Remote Mounting Stand or Mounting Sockets

- Mount must be ordered separately
- Made in the U.S.A.

P/N 9000-70505* 8637930 Package 1 Includes mounting head, all 3 mounting tubes, sheave and sheave arm assembly
 P/N 9000-70506 8637940 Package 2 Includes mounting head, all 3 mounting tubes, and sheave
 P/N 9000-70507 8637950 Package 3 Includes mounting head, and all 3 mounting tubes

* Package 1 is shown in the photo above

Fiber Optic Cable Puller



- Package #1 Contains: Fiber Optic Cable Puller, Foot Control and Hoses - mounts are NOT included; order a Remote Mounting Stand, Hitch Mount, Pole Mount or Base Mount separately (shown)
- Package #2 Contains: Fiber Optic Cable Puller, Foot Control, Hoses and Electronic Control Monitoring/Electronic Control Box - mounts NOT included. Order a Remote Mounting Stand, Hitch Mount, Pole Mount or Base Mount separately
- Package #3 Contains: Fiber Optic Cable Puller, Foot Control, Hoses, Electronic Control Monitoring/Electronic Control Box and a Chart Recorder for permanent documentation of installation specifics - mounts not included. Order a Remote Mounting Stand, Hitch Mount, Pole Mount or Base Mount separately

P/N 9000-70510	8690001	F/O Cable Puller Package 1
P/N 9000-70511	8690026	F/O Cable Puller Package 2
P/N 9000-70512	8690051	F/O Cable Puller Package 3

Remote Mounting Stand



- For fiber optic pulling applications that demand flexibility in set-up, the Remote Mounting Stand allows positioning of the cable puller well away from the power source
- Features 2 1/2" square mount to accommodate any Fiber Optic Cable Puller
- Easy to set up, the unit is both sturdy and compact

P/N 9000-70508 8675115

Fiber Optic Puller Hitch Mount



- Hitch Mounts are a fast, easy way to mount the Fiber Optic Cable Puller
- Hitch Mount attaches directly into a typical 2" square Reese-type receiver and the adjustable jack is included for added stability and height adjustment
- Pulling loads must not exceed 800 lbs.

P/N 9000-70509 8675908

Portable Hydraulic Power Pack



- Matched perfectly to the power requirements of the Condux Fiber Optic Cable Puller and Condux Fiber Optic Cable Blower
- Power sources are a 9HP Honda (gas) engine or a 16HP Briggs & Stratton V-Twin Vanguard (gas) engine
- Both models feature electric starting, large capacity hydraulic cooler, quick disconnects, low oil shut-off and 16" pneumatic tires

P/N 9000-70518	8675700	9 HP
P/N 9000-70519	8675200	16 HP

Fiber Optic Capstans



- To conform to the many specifications of fiber optic cable available and to offer more cable pulling capabilities, Condux offers several sizes of capstans that fit the Condux Fiber Optic Puller
- These bayonet style capstans are offered in 12", 30", 42" and 50" diameters for a standard 2 7/16" diameter bayonet style shaft
- Made in the U.S.A.

P/N 9000-70513	8675213	12" x 9"
P/N 9000-70514	8675230	30" x 4"
P/N 9000-70515	8675430	30" x 8"
P/N 9000-70516	8675436	42" x 8"
P/N 9000-70517	8675220	50" x 8"

Fiber Optic Puller Pole Mount



- When overhead fiber optic cable installations require the smooth hydraulic power and accurate tension measuring system of the Condux Fiber Optic Cable Puller, the Pole Mounting Frame is available
- Install the cable puller on the frame with no modifications necessary to the puller
- Offers a secure hold on the cable puller both horizontally and vertically for a worry-free pull; a special plug drives into wood poles for added stability

- Includes all mounting hardware

P/N 9000-70520 8676000

Cable Jacket & Innerduct Slitter



- This popular tool makes quick, safe work out of slitting innerduct or removing sheath and turnplate from communication cables
- With a turn of the handle, the toothed wheel pulls the tool forward while the angled blade makes a clean cut

- Blade guard protects conductor from damage
- Minimum Cable Diameter - 1"
- Slits 1" - 2" innerduct
- Replacement blades available

P/N 9000-70521 8012900 Innerduct Slitter
 P/N 9000-70522 8012901 Replacement Blade

Innerduct Slitter



- Designed for fast, safe cutting of innerducts from 1" to 2"
- Replacement blades available

P/N 9000-70523 8013100 Innerduct Slitter
 P/N 9000-70524 8013101 Replacement Blade

PVC & PE Cutter



- Razor sharp cutting blade makes a fast, clean, burr-free cut in PVC and polyethylene
- Ratcheting handle provides for sure, steady cutting action; reduces cutting and preparation time
- Replacement blades available

P/N 9000-70525 8948050 Small Diameter
 Up to 1.25" Conduit - 1.5" O.D.
 P/N 9000-70526 8948060 Large Diameter
 Up to 2" Conduit - 2.375" O.D.
 P/N 9000-70527 8948051 Replacement Blade for Small Diameter
 P/N 9000-70528 8948061 Replacement Blade for Large Diameter

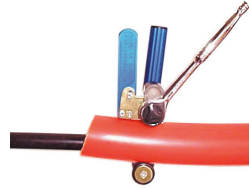
Cable Bending Shoe



- Protects cable from corner abrasion during pulling operations
- Rugged, high impact plastic

P/N 9701-75759 8042100 Plastic

Mechanical Innerduct Slitter



- Designed to reduce the effort required to longitudinally slit long sections of both High Density Polyethylene (HDPE) and Medium Density Polyethylene (MDPE) innerduct and conduit that have an outside diameter ranging from 1 1/4" to 2"
- Replacement blades available

P/N 9000-70530 8012925 Innerduct Slitter
 P/N 9000-70524 8013101 Replacement Blade

Telephone Cable Cutters



- Lightweight, shear-type cable cutter for copper pair telephone cable
- Not intended for cutting steel or ACSR cable

P/N 9000-70529 8090300 30" Steel Handles

Manhole Cover Lifting Hooks



P/N 9701-76718 8023001 18"
 P/N 9701-76719 8023000 26.5"
 P/N 9701-76720 8023002 36"
 P/N 9701-76722 8023003 36" w/90 Degree Handle

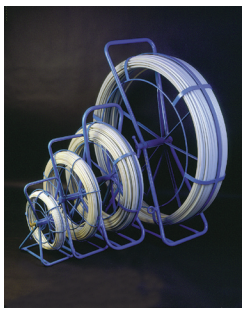
Manhole Guard Rail



- Furnished with two steel chains and wing bow locking brace to assure sturdy protection
- Painted safety yellow
- Freestanding

P/N 9000-70531 8043300 Steel Guard

Python Duct Rodders



- The industry standard due to the high quality, reliability, and ease of use
- Abrasion-resistant heavy-duty polymer jacket wraps a fiberglass composite core
- Excellent flexural strength, compressive strength, fatigue resistance and memory
- Lighter weight for easier field handling
- Sturdy construction; hand operated wheel brake
- 30" and 45" cages come with flotation wheels for added mobility
- Each Rodder comes with a threaded end

fitting on each end plus a tapered head on the outward end
 • Highest quality rodder on the market; Made in the U.S.A.

P/N 9701-75776	08072430	3/16 x 300'	Mini-Cobra Rodder
P/N 9701-76723	08072530	1/4 x 300'	Mini-Cobra Rodder
P/N 9701-76724	08072560	1/4 x 600'	Mini-Cobra Rodder
P/N 9000-84360	08084360	5/16 x 600'	Python Rodder
P/N 9701-76725	08084310	5/16 x 1000'	Python Rodder
P/N 9000-08083	08083910	7/16 x 1000'	Python Rodder
P/N 9701-76726	08083210	9/16 x 1000'	Python Rodder

Duct Rodder Roller Guide

Splice Kit w/Tube	Condux	Diameter	Duct Range - I.D.
P/N 9701-76899	8037430	3/16"	.5 - 1.25"
P/N 9701-76900	8037440	1/4"	1.00 - 2.50"
P/N 9701-76901	8037401	5/16"/7/16"	2.50 - 6.00"
P/N 9701-76902	8037460	5/16"	1.50 - 6.00"
P/N 9701-76905	8037400	9/16"	3.00 - 8.00"

Duct Rodder Accessory Kit



- Includes popular accessories in a convenient bag that attaches to the Rodder cage
- Includes: Canvas Bag, Roller Guide, Splice Kit, Epoxy, Swivel Coupling, Tapered Head and Threaded End Fittings
- Kit for the 3/16" and 1/4" rod also includes a Flexible Leader and O-Rings

P/N 9701-76907	8033498	3/16" Diameter Duct Rod
P/N 9000-99571	8033499	1/4" Diameter Duct Rod
P/N 9000-99572	8033497	5/16" Diameter Duct Rod
P/N 9701-76910	8033494	7/16" Diameter Duct Rod
P/N 9701-76911	8033488	9/16" Diameter Duct Rod
P/N 9701-76912	8033490	Bag Only

Duct Rodder Splice Kit



- Used to repair a broken Duct Rodder
- Includes: Splice Tube, End Fitting, Epoxy and Instructions

Splice Kit w/Tube	Condux	Diameter	Splice Tube	Condux
P/N 9701-76913	8033457	3/16"	P/N 9701-76919	8033455
P/N 9000-99573	8033465	1/4"	P/N 9701-76920	8033463
P/N 9701-76915	8035753	5/16"	P/N 9701-76921	8035703
P/N 9701-76916	8035751	7/16"	P/N 9701-76922	8035701
P/N 9701-76917	8035752	9/16"	P/N 9701-76923	8035702

Condux Swivels

821 Champion Swivels



- Developed to meet common dimensional specifications, the Condux 821 Champion Swivels are designed for underground and overhead cable pulling applications and can handle all types of utility cable
- Precision machined high-strength stainless steel
- Made in the USA

Part Number	Condux	Diameter	Working Load
P/N 9701-76727	08210007	7/8"	1,800
P/N 9701-76728	08210012	1 1/4"	4,000
P/N 9701-76729	08210014	1 7/16"	7,500
P/N 9701-76730	08210018	1 7/8"	10,000

808 Champion Swivels



- Developed specifically for underground and overhead cable pulling applications, the Condux 808 Champion Swivels can handle all types of utility cables
- Precision machined from high-strength stainless steel
- Made in the USA

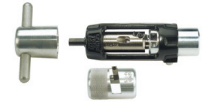
Part Number	Condux	Diameter	Working Load
P/N 9701-76731	08017000	5/8"	600
P/N 9701-76732	08016000	7/8"	2,500
P/N 9701-76733	08080912	1 1/4"	5,000
P/N 9701-76734	08080913	1 3/8"	6,500
P/N 9701-76736	08080916	1 5/8"	10,000
P/N 9000-50152	08080920	2.00"	15,000
P/N 9701-76737	08080925	2 1/2"	20,000
P/N 9701-76738	08080930	3.00"	30,000

XQ-Series Corstrip Kits



- Prep the cable to industry standard QR prep dimensions in one step
- Feature a fixed/removable center conductor stop

P/N 9701-76741



- For users preferring to prep QR cables in two steps, use the included PJ tool for removing the jacket as a second operation

P/N 9701-76742

P/N 9701-76741 XQ-540 Standard, Removable Fixed Stop

P/N 9701-76742 XQ-715 Standard, Removable Fixed Stop

P/N 9701-76743 XQ-860 Removable Fixed Chamfer Stop

Trap Wrench



- 7/16" WT-10 Trap Wrench
- For working with traps and 7/16" hex f-fittings
- Solid steel construction
- 7 1/2 inches
- Weighs 8 ozs.

P/N 9701-76739

WT-10

Y-190 Center Conductor Cleaner



- Removes dielectric from coax cable of all sizes
- Features a plated handle made of spring steel, covered with a comfortable plastic coating
- Scrapers have four working surfaces and can be sharpened with a fine file

- P/N 9000-19000 features a spare set of P/N 9701-76740 replacement scrapers

P/N 9000-19000 Y-190 Center Conductor Cleaner
P/N 9701-76740 582 Replacement Scrapers - Set of 2

Lemco Installation Tools

Cable Tec Continuity Tester



- A Go/No Go inspection device
- 100% inspection accuracy means the elimination of just one call-back pays for the unit
- Used alone, the LED unit reads shorts and splitters

- The push-on sleeve fitting means quick handling
- When used together the LED unit and the beeper unit identify clean lines and assist in isolating problems
- The two units also identify lines at MDU lock boxes
- LED and beeper unit each measure 3 1/4" x 2 1/8"
- Nine volt battery and user instructions are included

P/N 9701-76745

A-202

Combination Trap, 7/16" Tools



- Designed for working with traps and F fittings within security sleeves
- Feature solid steel construction
- 7 1/2"

P/N 9701-76747

WT-20

Drop Cable Stripper



- Includes (1) 596 and (1) 711 cartridge
- 596 black replacement cartridges provide standard 1/4" braid, 5/16" center conductor exposure
- 711 (Grey) replacement blade cartridge is for

RG7 & 11 cables. 711 cartridges provide standard 1/4" braid, 5/16" center conductor exposure

P/N 9701-76748

CS-596-711

Terminator Tools



- Tool for Viewsonics locking terminators
- Works with both 2 and 3 slot terminators

P/N 9701-76749 TTV-3

Click-Type Torque Wrenches - TQG Series



- Used at F-fitting interfaces to assure proper signal contact and prevent leakage, effectively controlling C.L.I.
- Wrenches can be returned to the factory to be re-set at a different torque value
- The extended shank and small angled, offset head enable the wrench to work well in tight quarters
- F-Fitting insertion tool located in end of handle
- TQG-Series wrenches feature a full contact head for positive grip

P/N 9701-76751 TQG-7/16

P/N 9701-76752 TQG-1/2

Pen Toner



- A pocket-sized continuity tester for identifying and troubleshooting drop cable lines
- Can be used to check the integrity of new reels of cable before leaving the warehouse
- The LED unit, used alone, reads shorts and splitters
- The LED Unit and Toner Unit, used at each end of a line, identify clean cable lines, assist in isolating problems and identifying at MDU lock boxes
- 4 1/8" length, lightweight unit conveniently clips to a shirt pocket
- Battery and F81 barrek connector included

P/N 9701-76754 A-303-TONE Toner Replacement

P/N 9701-76755 A-303-LED LED Replacement

Terminator Tools



- Post-type terminator tools run onto terminators until the post of the tool bottoms out and engages the terminator
- No moving parts
- For Thomas & Betts and PPC Locking Terminators

P/N 9701-76756 TT-204 4" Thomas & Betts TRLF/CLF(-A)

P/N 9701-76757 TT-207 7" PPC 502LTR (-NR)

P/N 9701-76758 TT-404 4" TVC PPLT, Viewsonics TRWGTL

P/N 9701-76759 TT-407 7" Signal Vision, 16-SVLT

P/N 9701-76760 TT-104 4" Cabalcon/Gilbert GTR-59-TP(-SP) GTP-59(-LR)NS-3268-5(-7), NS-5762-5(-7)

P/N 9701-76762 TT-107 7" PPC LFT 1 (-NR)

P/N 9701-76763 TT-304 4" Gilbert NS-5762-3(-9)(-11)(-13)(-15)

P/N 9701-76764 TT-307 7" Viewsonics TRWRGATL

Security Shield Tools

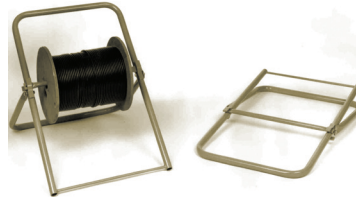


- Designed to work with shielded F-fittings and terminators, these tools will not crack
- High carbon steel is hardened providing the strength for the tool to free fittings from threads seized by oxidation
- Features a pivotal reach-through handle allowing the installer to gain adequate leverage
- In cold weather, these tools can assist when inserting the cable into the connector
- P/N 9701-76765 is 5 1/2" long and reaches an f-fitting on a single trap within a 6" shield
- P/N 9701-76766 is 1 1/2" longer than tools supplied by others and gives the installer more working room; it reaches an f-fitting on a single trap within a 4" shield

P/N 9701-76765 A-04901 5 1/2" long

P/N 9701-76766 A-04903 3" long

Cable Caddies



- Caddies assist the installer in paying out drop cables during customer installations
- Spool rotates freely when paying out cable
- Fabricated of sturdy steel tubing and powder coated to yield years of service
- P/N 9701-76770 features a collapsible frame and folds flat for storage
- P/N 9701-76771 is a heavy duty collapsible model that accommodates larger reels of dual drop, RG-11 messenger, and coax/twisted pair configurations

	Reel Size	Capacity	Features
P/N 9701-76768 T-253	18" x 16"	200 lbs.	
P/N 9701-76769 T-254	18" x 16"	200 lbs.	Handle
P/N 9701-76770 T-262	26" x 16"	200 lbs.	Collapsible (shown)
P/N 9701-76771 T-270	30" x 19"	300 lbs.	Collapsible; Wheels

Reel Buck



- Sets up 18" and 24" strand reels and cable reels up to 54" diameter
- Foot and handle design holds the main frame up and away from irregular surfaces
- Rugged steel tubing makes the Reel Buck tough enough for the construction site

- Collapsible frame features an arbor retainer that uses quick release pins that are also used when the reel is loaded
- 35" high, 64" long and has a capacity of 850 lbs.

P/N 9000-01220 1220 Does not include reel/wire

Cable Reel Trailers



- Single-arbor trailers feature 63" of usable arbor space
- Each has a 3500 lb. drop axle, for a sleek profile with a low center of gravity
- Standard equipment includes: leaf springs, license plate bracket, safety chains, reflectors, light group, reel collars (1 set)

- P/N 9701-76777 and P/N 9701-92391 feature the highest frame and accommodates a 102" diameter reel (depends on reel hole size)

Part Number	Capacity	Reel		Features
		Dimensions	Dimensions	
P/N 9701-76772	6354B	54" x 56"	116" x 89" x 45"	Ball Coupler
P/N 9701-76773	6354P	54" x 56"	116" x 89" x 45"	Pintle Eye
P/N 9701-76774	6372B	72" x 63"	118" x 89" x 52"	Ball Coupler
P/N 9701-76775	6372P	72" x 63"	118" x 89" x 52"	Pintle Eye
P/N 9000-88885	6394B	94-96" x 63"	124" x 89" x 63"	Ball Coupler
P/N 9000-99444	6394P	94-96" x 63"	124" x 89" x 63"	Pintle Eye
P/N 9701-76777	63102B	102" x 63"	124" x 89" x 68"	Ball Coupler
P/N 9700-92391	63102P	102" x 63"	124" x 89" x 68"	Pintle Eye

Cable Block Lifter



- Used to place cable blocks in mid-span
- Made of plated steel

P/N 9701-76778 F-301

Strand Brake



- Offers safety and productivity to the strand crew
- The three bolt clamp does not have to be opened or closed for installation or removal
- Replaces most multiple splices, set-ups, and increases the length of runs
- Works equippally well on 1/4", 5/16" and 3/8" strand
- During pull-out it is "free-running" as the brake creates no drag and does not scrape the strand's galvanized coating
- Plated steel, stainless steel harness cable

P/N 9000-88888 E-432

Wire Raising Tool

- Fabricated of 3/8" diameter plated steel, the work head is suitable for strand and cable construction

P/N 9000-06355 WRT-303 For D-1196 and D-1097 Lay-up Sticks

P/N 9000-10000 WRT-100 For D-1000-363 and Jameson Models

Two-Way Cable Block



- Used to support up to 2 3/4" telephone, fiber, or coaxial cable prior to the lashing operation
- Made of cast aluminum

P/N 9000-88942 PY-750 1/4" strand
P/N 9700-40861 WH-48 5/16" and 3/8" strand

Feeder Block



- Used to pull out a single cable up to 1" diameter during pull-out and lashing operations
- High-strength aluminum frame features a spring-loaded steel pin that keeps the block on the strand and the cable on the block

P/N 9701-76779 C-733 1/4" strand

P/N 9701-76780 C-733.31 5/16" strand

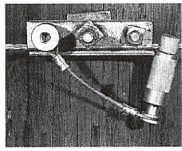
Cable Chute



- Guides the cable from the trailer into the path of the strand
- Cast aluminum shoe features a UHMW friction-free wear strip
- Zinc plated steel suspension hardware pivots freely under a three-bolt clamp (not provided) to compensate for trailer/strand misalignment

P/N 9000-88870 S-1059

Cable Block



- The most versatile block in the industry
- Strand locking pin adjusts for 1/4", 5/16", and 3/8" strands
- A spring-loaded pin keeps the cable in the block
- May be used with a lay-up stick to place the block in mid-span

P/N 9701-76781 C-555 1/4" strand

Econo Block



- The V-notch of this sturdy block wedges on the strand for new build construction or two .750" cables fit between the frame and retaining pin for overlash jobs
- The steel gate retains the cable being pulled out
- P/N M-1070-1R supports a cable up to 1 1/2" diameter
- P/N M-1070-1 supports a cable up to 2" diameter and works well with winch lines

P/N 9000-10701 M-1070-1R Rubber Roller
P/N 9000-10700 M-1070-1 Aluminum Roller (shown)

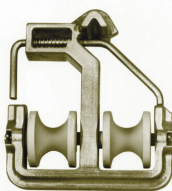
Multiple Cable Block



- This block supports cable in mid-span during pull-out and lashing operations
- Features four nylon rollers that support up to 1" cable

P/N 9000-88879 L-381-4 For 3/8" Cam

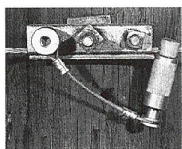
Dual Feeder Block



- Follows the hand-size design of the C-733
- Block supports two 1" cables

P/N 9000-00645 C-645

Overlash Block



- Locks on 1/4" strand or fits over a 2 3/4" package of previously lashed cables
- Frame will not snag loose lashing wire
- Block may be raised to the messenger with a wire raising tool

P/N 9000-59300 M-593 Aluminum Roller
P/N 9701-76783 M-593R Rubber Roller

Overlash Block



- Lightweight block is used to support up to 1" diameter cable during pull-out (1 1/4" with aluminum roller)
- A-frame block fits over existing cable up to 2 1/4" diameter
- Frame is made of hardened and tempered spring steel

P/N 9000-88941 L-0790P Nylon Roller
P/N 9000-88875 L-0790A Aluminum Roller

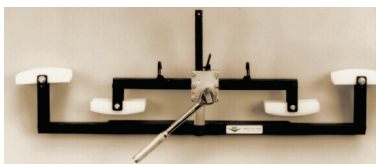
Mullen Bender



- Used to form the standard 12" flat bottom loop in small diameter cables, the tool is molded of resilient plastic
- The universal "V-groove" hand forming tool is recommended for .412, .500, .500MC2, .540 and .565 cable diameters only

• Available for one cable formation or dual cable formation
P/N 9000-88876 M-100 One Cable (top photo)
P/N 9000-22000 M-200 Dual Cables (bottom photo)

M-Series Loop Forming Tools



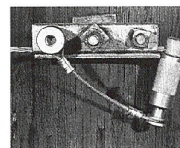
- Easy grip pawl ensures positive engagement into gear rack
- Bronze bushings provide smooth operability and prevent galling

• Frame and gear rack are attached with a reinforcement plate to withstand pressure when forming dual trunk cables

• Synthetic shoes driven by vertical gear rack form loop

P/N 9000-32060 M-3206 Produces 36" Loop

Lashing Wire Grip



- Used in lashing and splicing work to temporarily secure the lashing wire to the strand
- Steel jaws to accommodate 1/4" strand are welded to the Vise Grip with easy release
- Avoid lashing wire failure by using the grip on a section of the lashing wire which will be cut and discarded

P/N 9000-01384 H-174

Electric Axial Ventilator



- Compact design of this lightweight axial ventilator makes it a good choice for confined space ventilation
- Accepts any 8" diameter ventilation hose
- Dust and fume abatement
- Power specifications: 115VAC, 3 amps, 1/3 HP sealed motor
- Includes built in handle for easy transport

- Available in rotomolded plastic or spun steel housing models
- Steel housing model can be used in conjunction with P/N 9000-00363 heater

P/N 9000-00362 Puregas MEB115P (Plastic housing)
P/N 9000-00361 Puregas MEB115M (Steel housing)

Electric Axial Ventilator / Hose Combo



- Spun steel housing improves output
- All-in-one blower, attached 15' hose, and protective canister
- Outside hose diameter is 8"
- Weight: 34 lbs.
- Output: 1,373 cfm

- Power: 115VAC, 3 amps, 1/3 HP sealed motor
- P/N 9000-00364 Puregas MEBHP15

Hose Ducting



- Belt and buckle end; wire rope end finish
- 4" wear strip
- 10:1 compression ratio
- P/N 9000-00351, P/N 9000-00352, P/N 9000-00353, and P/N 9000-00354 feature a fabric weight of 13 oz. and are heat resistant up to 185°
- P/N 9000-00358, and P/N 9000-00359 feature a fabric weight of 15 oz. and are heat resistant up to 250°

P/N 9000-00351 Puregas M038384 - 8" Diameter, 15' length
P/N 9000-00352 Puregas M038385 - 8" Diameter, 25' length
P/N 9000-00353 Puregas M038386 - 12" Diameter, 15' length
P/N 9000-00354 Puregas M038387 - 12" Diameter, 25' length
P/N 9000-00358 Puregas M99M1310 - 8" Diameter, 15' length
P/N 9000-00359 Puregas M99M1710 - 8" Diameter, 25' length

Hose Stand -

P/N 9000-00356 Puregas M99M1220 - Fits hoses up to 8" - 10" width, 25' length

Propane Heater



- Lightweight - only 30 lbs.
- Will mate with competitors' blowers
- 65,000 BTUs
- 110° temperature rise
- Thermal cutout and blower activated pressure switch provide complete system redundancy
- Safety features include enclosed heat

- exchanger chamber and weather-proof blower outlet
- State-of-the-art ignition system with automatic purge and lock-out alarm indicator
- Easy to use control panel featuring switched blower control

Used in tandem with
P/N 9000-00361 blower



P/N 9000-00363 Puregas MEBH4A

Propane Heater / Axial Blower Combo



- Lightweight - only 34 lbs.
- Heater and blower combined
- 65,000 BTUs
- 100° temperature rise
- Thermal cutout and blower activated pressure switch provide complete system redundancy

- Sleek design with base mounted controls
 - Heater function can be turned off, using only the blower function to deliver 1,373 cfm
 - State-of-the-art ignition system with automatic purge and lock-out alarm indicator
 - Easy to use control panel featuring switched blower control
- P/N 9000-00365 Puregas MHV04

18" Self Contained Power Mister

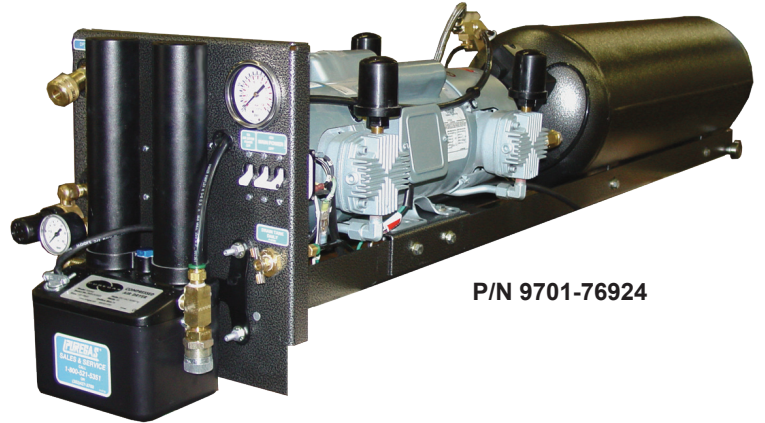


- Self contained misting system with water pumped from a 10 gallon cooler
- 18" aluminum fan blade
- Motor: 1-speed, 1/8 HP, single phase, 120 VAC, 2.2 amp, sleeve bearing, permanently lubricated, totally enclosed, permanent split capacitor
- 130 psi diaphragm pump
- Output: 5,750 cfm
- Toggle switch for Fan only or Fan & Mist operation
- Power cutoff tip switch & FGCI plug for extra safety

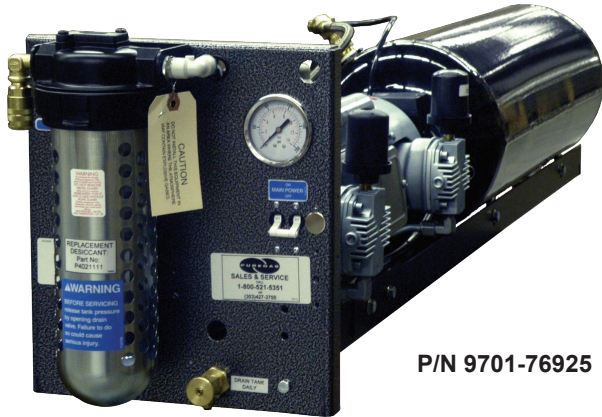
P/N 9000-00368 Puregas MPM18S - Hand Carry Model
P/N 9000-00366 Puregas MPM18C - Cart Model
P/N 9000-00367 Puregas MPM18FO - 18" Fan & Pump Lid for Existing 10 Gallon Igloo Coolers

Nitrogen Bottle Replacement Modules

PUREGAS Nitrogen Bottle Replacement Modules (NBRMs) eliminate the need for costly nitrogen bottles. NBRMs are usually located in a slide-out or compartment tray in a truck or van and are run off the vehicle's power supply. NBRMs conserve labor, energy, and storage costs. Additionally, the NBRM comes standard with a connection for use with pneumatic tools. NBRMs are available in horizontal truck mount configuration and utilize chemical air dryer or regenerative heatless dryers to create dry air.



P/N 9701-76924



P/N 9701-76925

- Versatile applications (air tools, emergency dry air)
- Compact size
- Portable (for transferring between vehicles)
- Cost effective (as compared to nitrogen bottles)

P/N 9701-76924 Puregas P05860H2 (Regenerative dryer)
 P/N 9701-76925 Puregas P05860GLT (Chemical dryer)

Emergency Air /Power Generation Trailer

- Provides both wet (tool) and dry compressed air up to 25,000 SCFD
- 42 gallon diesel fuel tank providing more than 24 hours of continuous run time
- Secure, weather tight enclosure
- Centralized control panel located curb side
- All access panels are lockable and keyed alike
- Three 120 VAC, 20 amp GFI outlets and one 240 VAC GFI outlet
- High pressure (tool) system with air cooler, pressure gauge, a 40 µm filter with automatic drain, and a relief valve adjustable from 0-125 PSI
- Low pressure (dry air) system with pressure gauge, regulator adjustable from 0-125 PSI
- Complete trailer lighting including Marker lights, Stop, Turn, and Running lights
- Optional pneumatic surge brakes

P/N 9701-76926 Puregas PEAT25



Axial Model 1325P Electric Ventilator



- Dual wall electric ventilator has a speed certified air flow and is CSA approved
- High-impact polyethylene plastic construction makes it extremely durable and weather resistant
- Accepts any 8" duct blower
- Accepts hose canisters (P/N 9000-00008) and (P/N 9000-00009)

- Power specifications: 120V, 3 amps, 1/3 HP, single speed
- Includes built in handle for easy transport
- Air flow: one 90° 682 cfm and two 90° 617 cfm

P/N 9000-00004 Pelsue 1325P

Blower/Hose/Storage Canister Assembly



- Features a one-speed blower, hose and storage canister
- CSA approved and CEESI certified
- Power specifications: 120V, 3 amps, 1/3 HP, single speed
- Outside diameter of ventilation hose is 8"

P/N 9000-00002 Pelsue 1375D Includes 15' hose
 P/N 9000-00003 Pelsue 1385D Includes 25' hose

Axial Ventilator With One-Speed Blower



- Compact design of this lightweight axial ventilator makes it a good choice for confined space ventilation
- Accepts an 8" diameter ventilation hose
- CSA approved and CEESI certified
- Features a powerful one-speed blower
- One-speed motor generates 1/3 HP
- Power specifications: 120V AC, 3 amps

- Air flow: one 90° 740 cfm and two 90° 638 cfm

P/N 9000-00001 Pelsue 1325D

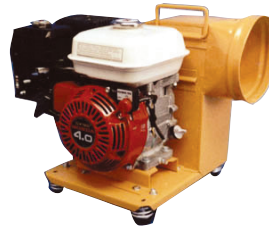
Duct Hose



- Not for use with heated air above 250°F
- Includes built-in handle for easy transport
- Pre-coated duct hose features tough, extruded, vinyl-spiral scuff strips for good protection against abrasion when dragged along pavement

P/N 9000-00006 2015HRT 15' long
 P/N 9000-00007 2025HRT 25' long

Gas-Powered Centrifugal Blowers



- Designed for high-volume ventilation
- Compact and lightweight
- P/N 9000-00014 features a Briggs & Stratton 3.5 HP engine
- P/N 9000-00015 is equipped with a Honda 4 HP engine
- Vibration dampened and have an 8" outlet
- Gas powered, the blowers are ideal

for exhausting unwanted air or supplying fresh ventilation in remote or inaccessible locations

- Features a flow rate of 1,360 cfm (one 90° bend) and a flow rate of 1,255 cfm (two 90° bends)
- CEESI certified

P/N 9000-00014 Pelsue 1450 Briggs & Stratton 3.5 HP Engine
 P/N 9000-00015 Pelsue 1453 Honda 4 HP Engine

Electric-Powered Centrifugal Blower



- Rugged, single-speed, electric centrifugal blower
- Use it to exhaust unwanted air or to supply fresh ventilation
- The blower is precision balanced, providing smooth, quiet operation
- Ruggedly constructed, it features an all-steel housing and durable,

baked, safety-yellow epoxy powder finish

- Features a 1/3 HP industrial service-rated electric motor
- Specifications include: 1,725 RPM, 60 Hz, 120V AC and 6 amps
- The blower's outlet size is 8"
- Flow rates: one 90° bend (924 cfm), two 90° bends (807 cfm)
- The blower is CSA and CEESI certified
- Dimensions: 15.25" long x 14.63" wide x 15" high

P/N 9000-00005

Hose Canister



- Constructed of durable, safety yellow polyethylene plastic
- Features a high-reaction hose made of polyester with a neoprene coating
- 25" long x 11" wide x 16" high
- Features a built-in handle and a

shoulder strap for easy handling

- May be attached to the electric ventilator (P/N 9000-00004) for use as a complete system

P/N 9000-00008 AIRPAC15 15' long hose
 P/N 9000-00009 AIRPAC25 25' long hose

Ideal Tone Generator & Amplifier Probe Kit - Soft Pouch



- Cable tracing kit with advanced new features to give a complete signal tracing solution
- Kit includes (1) Tone Generator #62-160, (1) Amplifier Probe #62-164, and (1) Soft Black Nylon Carrying Case Cable Assemblies and Flat Tip

P/N 9701-61723 33-864 Tone & Probe Kit (Pouch)

Ideal Tone Generator & Amplifier Probe Kit - Hard Case



- Cable tracing kit with advanced new features to give a complete signal tracing solution
- Kit includes (1) Tone Generator #62-160, (1) Amplifier Probe #62-164, and (1) Hard Gray Storage Carrying Case Cable Assemblies and Flat Tip

P/N 9701-61721 33-862 Tone & Probe Kit (Hard Case)

Greenlee Marker-Mate®

Greenlee Marker-Mate® Electronic Marker Locator



- Locates buried electronic markers, including Omni-Marker™ and Uni-Marker™
- 5' + depth range
- Detects up to seven different marker types
- Scan mode provides simultaneous detection of all marker types
- Digital signal processor accuracy with large character display, bar graph, numeric and audible signal strength indicators
- Adjustable speaker volume and headphone jack

P/N 9000-60798 EML100

Greenlee Omni-Marker™



- Electronically marks, relocates buried facilities
- Color coded by utility application
- Design produces a uniform, spherical RF field in every direction
- Easily located up to 5' away with any modern marker locator
- Wider field with a signal peak directly above the marker provides precise location

Part Number	Greenlee	Application	Color	Frequency
P/N 9000-60765	60765	Power	Red	169.8kHz
P/N 9000-60766	60766	Water	Blue	145.7kHz
P/N 9000-60767	60767	Sanitary	Green	121.6kHz
P/N 9000-60768	60768	Telephone	Orange	101.4kHz
P/N 9000-60769	60769	Gas	Yellow	83.0kHz
P/N 9000-60770	60770	Cable TV	Orange/Black	77.0kHz
P/N 9000-11050	11050	Non-Potable Water	Purple	66.35kHz

Greenlee Uni-Marker™



- Electronically marks buried facilities for later relocation
- Color coded by utility application
- Rugged polyethylene for long life
- Signal peak ensures location within inches of the marker
- Range is 25% more than other similar-style markers
- Small size and flat design attach easily to non-metallic utility box lids, hand holes and other buried enclosures

Part Number	Greenlee	Application	Color	Frequency
P/N 9000-60771	60771	Power	Red	169.8kHz
P/N 9000-60772	60772	Water	Blue	145.7kHz
P/N 9000-60773	60773	Sanitary	Green	121.6kHz
P/N 9000-60774	60774	Telephone	Orange	101.4kHz
P/N 9000-60775	60775	Gas	Yellow	83.0kHz
P/N 9000-60776	60776	Cable TV	Orange/Black	77.0kHz
P/N 9000-11059	11059	Non-Potable Water	Purple	66.35kHz

Greenlee Sidekick 7B



- Determines the stressed noise susceptibility of dry and working pairs
 - Minimal drying effect in all ranges
 - Field replaceable leads
 - Softcase with adjustable strand hook
 - Low Battery indicator light
 - Measures resistance, AC/DC volts, and capacitive kick
 - Provides tone for twisted pair or crossed conductor identification
 - Single setup for testing Tip-Ring, Tip-Ground, and Ring-Ground
- P/N 9701-76784 1134-5029; 60525**

Greenlee Sidekick T&N



- Determines the stressed noise susceptibility of dry and working pairs.
 - Measures resistance, AC/DC volts, and capacitive kick
 - Provides tone for twisted pair or crossed conductor identification
 - Single setup for testing Tip-Ring, Tip-Ground, and Ring-Ground
 - Minimal drying effect in all ranges
 - Field replaceable leads
 - Softcase with adjustable strand hook
 - Low Battery indicator light
- P/N 9701-76785 1137-5002; 60526**

Greenlee 501 Tracker II



- Traces the path and determines the depth of wires and metallic pipes on active or dead systems without having to deactivate the system
 - Lightweight receiver provides audible and visual indications of signal strength
 - Transmitter output and receiver sensitivity are fully adjustable for maximum accuracy
 - Transmitter offers three methods of connection: direct, inductive coupler, and inductive antenna
 - Includes transmitter assembly, receiver assembly, inductive coupler (clamp), built-in inductive antenna, two 8' test leads with heavy-duty alligator clips and durable polyethylene case
 - High frequency transmitter provides range up to 4,000' and depths up to 7'
 - Receiver is 32" long
 - Battery operated (eight AA and one 9V battery are included).
 - Molded carrying case included
- P/N 9701-76793 Greenlee 501**

Greenlee Sidekick Plus Test Set



- Complete metering of voltage, current and resistance on copper cables
 - Patented stress balance test
 - Measurement of distance to opens
 - Line quality tests for noise, loss, and power influence
 - Multimode wire tracing tone
 - Resistance fault locator (RFL) and calculator
 - Powerful Time Domain Reflectometer (TDR)
 - Caller ID display including Call Waiting Caller ID
 - Built-in loudspeaker dialing with phone book memory
 - Auto-test mode with Pass/Fail
 - USB download of test results and upload of software
 - Analog meter or digital display selectable
 - Big, easy-to-read display with backlight
 - Rechargeable (included) or replaceable batteries
 - Advanced cable diagnosis and troubleshooting in a single test set
 - Quick testing for fast repairs
 - Test data capture for sharing and records
 - Easy to learn, especially for Sidekick family users
 - Field software upgradeable
- P/N 9701-76788 1155-5000; 60886**

Greenlee TelScout TS90



- One-step setup; automatic and manual instrument control mode
 - 15 km fault location capability
 - Rugged – Survives 2 m Drop
 - Splash and drip proof
 - Powered from AC mains or battery
 - Single-button zoom function
 - Intermittent Fault Location
 - Short Pulse Width Option (Includes Coax Testing Capability)
 - Pair comparison mode; splits/crosstalk Mode
 - Measures distance to fault in feet, meters, or time
 - Configurable for any cable type and Vp (0.300 to 1.000)
 - Internal storage for 20 waveforms and notes
 - Serial printer output for stored or displayed waveforms
 - Accurate (± 3 ft. at 10,000 ft.)
- P/N 9701-76789 TS90; 60522**

Greenlee TelScout TS100



- Two pair test capability; one-step setup
 - Automatic instrument control mode
 - 15km (45,000 ft.) fault location capability
 - Splash and drip proof
 - Single-button zoom function
 - Pair comparison mode
 - Splits/crosstalk mode
 - Intermittent fault location
 - Measures distance to fault in feet, meters, or time
 - Configurable for any cable type and Vp (0.300 to 1.000)
 - Accurate (± 3 ft. at 10,000 ft.)
- P/N 9701-76790 TS100; 60520**

Tele-Mate Pro Telephone Test Set



- Designed for communications wiring installation and repair to quickly verify the quality of a new installation
- Headset for hands-free operation
- Rugged design for demanding use
- Compact design and durable belt clip make it easy to carry

- Adjustable volume
- Built-in ringer
- Tone/Pulse dialing; last number redial
- Line polarity indication
- Microphone mute
- Data safe monitor mode
- Replaceable premium cordset with telco-style clips

P/N 9701-76791 Greenlee PE810

Inductive Amplifier



- Used in conjunction with any tone generator, Inductive Amplifiers permit wire and cable identification without having to make direct metallic contact with the conductor
- Powerful speaker for noisy environments
- Recessed on/off button control and high gain for accurate wire identification in congested cable bundles and equipment rooms

- Adjustable volume control for precise identification, an LED for visual signal strength indication and recessed teleph

P/N 9701-76792 Greenlee 200EP

Filter Probe



- Powerful, rear-fire speaker one-button operation
- Recessed tabs for telephone test or headset connection
- Continuous-on feature
- Five-minute auto shut-off, low-battery indicator, battery operated (9v not included)
- By selectively filtering out all 60Hz and 60Hz harmonics, the 200FP can be used with any tone generator for faster, more accurate, cable and

wire identification

- With three types of noise filtration, the Filter Probe virtually eliminates power-related noise from the tone-and-probe operation
- Slim, comfortable design for use in limited-space areas
- Recessed on/off push-button control to conserve battery life
- Adjustable sensitivity/volume control to increase accuracy
- Blended carbon/plastic tip to reduce the risk of shorting terminals

P/N 9701-76794 Greenlee 200FP

Greenlee Coax Termination and Test Kit



- Contains the tools, connectors and tester for installing and testing a Cable TV system
- Cable TV tone test set uses both electromagnetic and electrostatic pickup to tone through splitters, directional couplers and taps
- Durable Cordura Plus zipper case protects and organizes tools and includes a see-through

pouch for storing connectors

- Outside pockets provide convenient storage of instruction manuals or worksite documents

P/N 9701-76798 45467

Greenlee Tone Generator



- Permits technicians to identify the conductor within a bundle, at a cross-connect point or at the remote end
- Can be used on twisted pair wiring (telecom, datacom, etc.), single conductors, coaxial cables, de-energized AC wiring and most other wiring

P/N 9701-76795 Greenlee 77HP/6A

920XC Handheld Singlemode OTDR



- Compact handheld design; easy to use
- Fast automated testing
- Up to 35db dynamic range
- Large backlight LCD display
- Measure length and defects of optical fiber (took out the "coiled" word as it isn't clear what that means)
- Fiber analysis software for data management and

report generation

- RS-232/USB interface
- NiMH batteries for 5 hours continuous use

P/N 9701-76796 Greenlee 920XC

Greenlee 170XL Visual Fault Finder



- Continuous and blinking output modes for viewing contrast and simple fault location
- Find breaks to 4-5km
- Easy-to-use quick interface fits all 2.5mm connector interfaces (such as FC, SC, ST)
- 1.0 mW output power
- Ergonomic rotary switch permits easy one-handed operation
- Rugged, compact and splash proof

aluminum design

- Two AA batteries provide 48 hours continuous operation
- Nylon belt holster included

P/N 9701-76797 Greenlee 170XL

NETcat® Micro NC100 Digital Voice, Data, & Video Wiring Tester



- Tests shielded twisted pair (STP), unshielded twisted pair (UTP), and coaxial cables
- TIA/EIA standard wiring pair verification
- Detects shorts, opens, reversed polarity, crossed, and split pairs
- Generates three distinct, selectable digital tone patterns for cable tracing and troubleshooting
- Tracing modes can be adjusted for high performance LAN cables
- Complete set of connector types standard

(telephone, LAN and coax)

- Nested remote allows end-to-end testing of all wiring types
- Simple testing of LAN wiring and phone lines
- Detection of common wiring and connector errors
- Warning of hazardous voltages
- Checks for reversed telephone wires

P/N 9701-76914 NC-100 23636

Tempo® Premium Tone and Probe Kit



- Kit comprises the 77HP/6A High Power Tone Generator and the 200FP Inductive Amplifier in a convenient Cordura® case
- Features adjustable volume control, fast, accurate wire identification, talk battery supply, visual and signal

strength indication, large speaker for noisy environments

- Sends tone to identify wires; two distinct tone signatures
- Polarity indication, continuity test
- Facility for headset/buttset connection

P/N 9000-70361 801K

Tempo® Test Set with Two-Way Hands Free and DigAlert



- Features data safe monitor, adjustable ringer, waterproof design, loud speaker listening, two-way hands free, digalert™ data lock-out, ADSL compatible
- Waterproof tested to an IEC IP67 rating, these test sets are so impervious to water they can actually withstand submersion
- Features the DigAlert over-voltage alarm and

lock-out function to eliminate the danger of damaging or knocking out digital service lines

- Provides full ADSL compatibility
- Ten-number speed dial memory (32 digits each)
- Last number redial; Precise hook flash
- Microphone mute; Audible and visual mode indicators
- Polarity test

P/N 9701-76786 PE961

NETcat® Pro NC-500 Structured Wiring Troubleshooter



- Touch screen display with contrast adjustment and backlight
- Tests shielded twisted pair (STP) unshielded twisted pair (UTP) and coaxial cables
- 0-2000 foot cable length via TDR
- Generate four distinct, precision tones for tracing low-loss cables like Cat 5
- Identifies active network devices (PC or Hub) on 10/100 Base-T networks
- Displays network device capabilities

- Patch cable and remote jack wire-map
- Detects shorts, opens, reversed, crossed and split pairs
- Office identification using remote ID units
- Troubleshoots and verifies a wide range of networks
- Graphical touch-screen display
- Remote jack ID and verification
- Operates on a single 9V battery, with low battery indicator
- Pulsed time domain reflectometer (TDR) shows length of all pairs
- Compatible with Greenlee precision digital probes

P/N 9701-76908 NC-500 23639 Pro-Digital Troubleshooter
P/N 9701-76909 NC-510 23640 Kit with Carry Case

Tempo® Throwmaster® Paragon™ 519



- Performs transfer of special circuits including HDSL 2 and HDSL 4 high-cap circuits without costly service interruption
- Kit includes (2) Paragon 519 systems, communications cord, transfer cord, battery chargers, T-Bug Digital Signal Identifier,

Operators Manuals, training DVD, and transfer simulator for on-site training

- Performs cable section service transfers of POTS or digital circuits up to 10Mb/sec

P/N 9701-76857 0529-0001

Tempo® Throwmaster® 105 Cable Test Set



- Designed for testing and transfer operations on both metallic and pair gain types of service
- Test non-working pairs for all DC defects including opens, shorts, crosses, grounds, splits, balance, and high resistance faults
- Measures DC voltage from 0 - 100 volts and resistance from 0-10 megohms

- Tests working pairs for busy status, polarity, and voltage
- Supplies talk battery and signaling functions for technician communication and sends simple 577 Hz tone for pair identification which is silent to subscribers
- Performs cut-closed cable transfers or section throws on working cables without service interruption

P/N 9701-76858 105 Measures in feet and calibrated for AWG wire sizes

Greenlee Clip-On Twisted Pair Kit



- Provides the most essential tools for terminating voice and data cabling right at the installer's side
- Rugged Cordura® pouch is built to last, lowering replacement costs
- Heavy-duty metal clip snaps over the installer's belt so that the kit can be removed without removing the belt

• Side holsters allow the installer to carry a flashlight and a favorite screwdriver

P/N 9701-76799

46010

Greenlee Field Technician Kit



- Contains all the essential tools and testers to maintain a telecommunications network
- Top quality digital multimeter and telephone test set make troubleshooting a voice network easy
- Features an industry-leading lifetime warranty

- Insulated screwdrivers protect the technician up to 10,000V
- Durable Cordura® Plus carrying case protects and organizes tools and includes see-through pouches for storing connectors
- Outside pockets provide convenient storage of instruction manuals

P/N 9701-76800

45473

Greenlee Punchdown Tool



- Inserts wire for a corrosion-resistant termination and trims off excess wire
- Adjustable low- and high- impact force settings
- Bayonet-style blade locking mechanism
- Neoprene pad for shock absorption
- Spare blade storage in the handle
- Color-coded yellow on the cut side of tool
- Internal impact mechanism eliminates jamming for longer, trouble-free service life

- Terminates 66, 110, BIX and Krone cross-connect and wall jacks

- Spring-loaded for fast, low effort wire seating and termination

P/N 9000-46023

46023

Greenlee Telecom Technician Kit



- Contains all the essential tools and testers to install and maintain the voice network
- Durable woven polyester pouch fits any belt up to 5" wide and keeps all the tools conveniently accessible

P/N 9701-76803

45472

Greenlee Hand Tools

Greenlee Communications Cable Cutter



- Two-speed mechanism saves cutting time by closing the blades rapidly and shifting to normal speed to perform the cut
- Blades open automatically when the cut is complete and can be opened easily in mid-cut if repositioning is necessary
- Short length and high-ratio ratchet

mechanism are especially useful in tight locations

- Complete new ratchet mechanism improves durability
- Wide opening scissor-style blades make it easy to get around large cables
- Durable, lightweight, fiberglass handles

P/N 9700-39920

778

Greenlee Heavy Duty Communications Cutter



- Cutting capacity: 2 1/4"
- Communications cable length: 37"
- Forged and heat-treated blades specially designed for communications cable
- Precision ground shear-type blades
- Makes clean cuts with minimal distortion on lead-, rubber-, PVC- and polyethylene-sheathed cables
- Blades and handles are replaceable in case of damage
- Fiberglass handles with non-slip rubber grips

P/N 9000-00427

765

5 Piece Cushion Grip Screwdriver Set



- Handle marked for size identification
- Precision machined black phosphate
- High grade, rust resistant, chrome finish
- 3/16" x 6" Cabinet, 1/4" x 4" Keystone, 1/4" x 6" Cabinet, 5/16" x 6" Keystone and #2 x 4" Phillips

P/N 9700-80769 0153-01C

Greenlee Scissors and Knife Kit with Two-Pocket Pouch



- Tough, tempered steel knife blade holds its edge longer
- Knife has a short, coping-type blade made of the finest cutlery steel
- Full-sized knife handle provides greater comfort
- Scissors have an upper blade with two stripping notches to strip most insulations from 19-24 AWG

P/N 9701-76801

PT-K01

High Leverage 9" Molded Grip Side-Cutting Pliers



- Location of handle ridge allows user to "choke up" for greater control
- Forged from chrome vanadium steel
- Effectively cuts most hardened wire, ACSR, bolts, screws, and nails

P/N 9700-80816 0151-09M

9" Molded Grip

P/N 9701-15170 0151-09D

9" Dipped Grip

Cable Cutters (up to 2/0 Copper)



- Made of heavy duty forged steel
- Precision ground and heat treated blades for long life and easy cutting
- Rust resistant black oxide finish
- Hot riveted joint provides a smooth opening and closing action
- Cuts up to 2/0 copper or aluminum

P/N 9701-36930 727M Molded Grips

P/N 9700-82046 727 PVC Grips

Greenlee 9 Piece Folding Hex Key Sets



- Heat-treated and tempered
- P/N 9700-80786 features a ball-end design allowing for angled use up to 30°
- Exceeds ASME/ANSI specifications
- Including sizes 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4"

P/N 9700-80785 0254-11

P/N 9700-80786 0254-12

7 Piece Cushion Grip Screwdriver Set



- Handle marked for size identification
- High grade, rust resistant, chrome finish
- 3/16" x 4" Cabinet, 3/16" x 6" Cabinet, 1/4" x 4" Keystone, 1/4" x 4" Cabinet, 5/16" x 6" Keystone, #1 x 3" Phillips and #2 x 4" Phillips

P/N 9700-80817 0153-02C

Greenlee Telco Ratchet Cutter



- Features a specially designed moving blade to handle the larger diameter telephone cable and soft drawn copper and aluminum
- Ratchet lock
- Rust-resistant, black oxide finish
- Cuts up to 2,700 pair telephone cable or up to 750 kcmil soft drawn copper and aluminum
- Blade release for safety and fast backout
- High carbon tool steel blades are heat treated for long life

P/N 9000-45240

45240

Pump Pliers



- Precision machined and through hardened
- Right angled teeth for gripping in both directions
- Riveted process ensures joint integrity
- User identification allowed on custom grip

P/N 9700-80736 0451-10M 10" Molded Grip

P/N 9700-80767 0451-12M 12" Molded Grip

P/N 9701-15174 0451-10D 10" Dipped Grip

P/N 9701-15175 0451-12D 12" Dipped Grip

Greenlee Adjustable Wrench



- Precision machined for smooth operation
- Wide capacity jaw provides versatility
- Corrosion-resistant finish
- Exceeds ASME/ANSI specifications

P/N 9700-80782 0154-08 8"

P/N 9700-80783 0154-10 10"

P/N 9700-80784 0154-12 12"

7 Piece Cushion Grip Nut Driver Set



- Hollow shaft for screw clearance
- Heavy duty high grade, rust resistant, satin chrome finish
- Precision heads for accurate fastener fit
- Includes 3" shank in sizes 3/16", 1/4", 5/16", 11/32", 3/8", 7/16" and 1/2"

P/N 9700-80818 0253-01C

Impact Style Punch Down Tool w/66 Blade



- Adjustable pressure control
- Suitable for 66 and 110 or Krone terminal blocks
- Storage for blade in handle

P/N 9701-64811

Multi-Strip Fiber Optic Stripper



- Strips 125 micron glass fiber with 250 micron buffer coating without scratching or nicking fiber
- 3 positions;
 - Position # 1 - Strips outer jacket insulation
 - Position # 2 - Strips 250um buffer coating
 - Position # 3 - strips 125um glass fiber
- Lock, spring and cushion grip handles

P/N 9701-64818

Terminal Wrench (3/8" and 7/16" Sockets)



- 3/8" (9.5mm) & 7/16" (11mm) hex sockets to open panels
- Separate stripping cavities to strip PVC insulation from 22 & 24 AWG telephone cable

P/N 9701-64822

Telecom Splicing Scissors



- Upper blade has notches for stripping 19 AWG and 23 AWG wire
- Designed for telecom and electrical applications and heavy-duty use
- Strong, tough tempered steel

- Serrated lower blade reduces slippage

P/N 9701-64819

9" Full Cycle Ratchet Quik Release Crimp Tool



- Ratchet crimp action provides repeatable and reliable terminations
- Pressure adjustment for activation force
- QR™ (Quik Release) die changing system
- Aluminum alloy frame
- Cushion grip handles
- Length 9"

P/N 9701-64823

Round Cable Multi-Jacket Slitting Tool



- Cuts around cable jacket, slits the length of jacket for easy removal
- Single or multiple conductor cable from 1" to 1 1/2" overall diameter

P/N 9701-64815

UR Connector Crimping Tool with Cutter



- UR / UG Crimper Connector Tool
- Includes side wire cutter, release spring & cushion grip handles

P/N 9701-64813

7" Long Nose Pliers with Cutter



- Knurled jaws for sure wrapping and looping
- Curved handles provide greater tool control
- Switchboard Work - Cleanly strips 19 & 22 AWG wire

P/N 9701-64817

6" Diagonal Nose Pliers



- Short jaws and beveled cutting edges permit close cutting of wire
- Stripping hole
- Plastic-dipped handles for comfort

P/N 9701-64816

Telecom Cable Skinning Knife



- Special-purpose short blade with comfortable, full-sized, heavy-duty handle
- Cushion Grip Handle is textured for comfort and firm grip

P/N 9701-64820

Kit Telecom with Scissors & Knife



- Includes cable-splicer's knife, electrician's scissors, and pouch
- Cuts cable, telecom wire & strips insulation

P/N 9701-64821

Radial Stripper UTP/STP



- One-step outer jacket stripping of category 3, 5, 5e, and 6 cables
- Durable high-carbon steel cutting blades are ground and honed for long life
- Removes the outer jacket of twisted pair cable without damaging the conductors
- Strip and slit lengths may be varied to accommodate different connector requirements
- Recessed cutting surface slits long runs of twisted pair cable
- Tension loop can be disengaged for thin-jacket cable
- Large finger promotes rotation during use

- Multiple nest cavities allow the removal of a wide variety of jacket materials on twisted pair cable
- Adjustable set-screw prevents twisted-pair conductor insulation scoring



Part Number	Klein	Color	Strips or Slits	Level(s)	Strip/Slit Dimensions	Prepared Cable	Overall Length
P/N 9701-76864	VDV120-106	Yellow	unshielded twisted pair shielded twisted pair	1	Strip length varies by application		4.4"

Dual Cartridge Radial Stripper



- Designed for high-volume, multiple-type cable preparation environments
- Two "active" stripping cartridge-bays and third "storage" cartridge-bay
- One-piece construction ensures precise stripping and never requires adjustment
- Large finger loop promotes rotation during use
- Cartridges snap in from both sides for left or right-handed operation
- Durable high-carbon steel cartridge cutting blades are ground and honed for long life
- F-Connector "nest" assists with cable insertion
- Bright, highly visible color for easy identification
- Durable, Delrin® resin for outstanding wear
- Replacement cartridges available



P/N 9701-76865 VDV100-801 5.6" Overall Length

Set Contains:

Part Number	Klein	Description	Color	Level	Strip Dimensions	Blade Configuration	Prepared Cable
P/N 9701-76869	VDV100-001	Dual Cartridge Radial Stripper Frame	Yellow	-	-		-
P/N 9701-76872	VDV110-003	RG59/RG6/RG6 QS Coaxial Cable	Black	2	5/16" x 1/4"		
P/N 9701-76874	VDV120-005	UTP Cable	Blue	1	variable		

Radial Cartridge Stripper



- Designed for high-volume cable preparation environments
- "Active" stripping cartridge-bay and second "storage" cartridge-bay
- One-piece construction ensures precise stripping and never requires adjustment
- Large finger loop promotes rotation during use
- Cartridges snap in from both sides for left or right-handed operation
- Durable high-carbon steel cartridge cutting blades are ground and honed for long life
- Bright, highly visible color for easy identification
- Durable, Delrin® resin for outstanding wear
- Replacement cartridges available



P/N 9701-76866 VDV110-802 5.6" Overall Length

Set Contains:

Part Number	Klein	Description	Color	Level	Strip Dimensions	Blade Configuration	Prepared Cable
P/N 9701-76870	VDV100-002	Radial Cartridge Stripper Frame	Yellow	-	-		-
P/N 9701-76872	VDV110-003	RG59/RG6/RG6 QS Coaxial Cable	Black	2	5/16" x 1/4"		

Radial Cartridge Stripper, continued

P/N 9701-76868	VDV113-804	5.2" Overall Length							
Set Contains:									
Part Number	Klein	Description	Color	Level	Strip Dimensions	Blade Configuration	Prepared Cable		
P/N 9701-76870	VDV100-002	Radial Cartridge Stripper Frame	Yellow	-	-	-	-		
P/N 9701-76872	VDV113-021	RG59/RG6/RG62 QS Coaxial Cable	Green	3	.235" x .235" x variable				

Radial Stripper Cartridges

- Designed for use with Dual Cartridge Stripper, Radial Cartridge Stripper Frame, Radial Cartridge Stripper, and Radial Cartridge Stripper Frame
- Pre-set cutting blades for precise, accurate, and efficient cable stripping
- Durable high-carbon steel cutting blades are ground and honed for long life
- Patented "V" Notch eliminates scoring of the center conductor
- Color coded for easy identification
- Meets industry standards established by the SCTE
- Cartridges made from glass-fille polycarbonate for superior strength and extended durability



Part Number	Klein	Cable	Color	Level	Strip Dimensions	Cable Illustration	Cartridge Detail
P/N 9701-76872	VDV110-003	RG59/RG6/RG6 QS	Black	2	5/16" x 1/4"		
P/N 9701-76873	VDV110-004	RG7/RG11 Coaxial Cable	Gray	2	5/16" x 1/4"		
P/N 9701-76874	VDV120-005	UTP Cable	Blue	1	Variable		
P/N 9701-76875	VDV113-020	Mini-Coaxial Cable	Green	2	1/4" x 1/4"		
P/N 9701-76876	VDV113-021	RG58/RG59/RG62 Coaxial Cable	Green	3	.235" x .235"		
P/N 9701-76877	VDV113-022	RG58/RG59/RG62 Coaxial Cable	Brown	3	.109" x .312"		

Ratcheting Modular Crimper/Stripper



- Fast, reliable modular-crimp connector installation for voice and data applications
- All-in-one tool cuts, strips, and crimps paired conductor cables (round STP/UTP and flat-satin phone cable)
- Crimps 4, 6, and 8 position modular connectors (RJ22, RJ11, RJ12, and RJ45)
- Steel body with black oxide finish for excellent performance and durability
- Crimping dies are precision ground from high-carbon steel
- Designed for Western Electric Stewart Stamping (SS)-type modular connectors
- Ratchet safety-release and a blade guard on cutting and stripping knives reduce risk of injury
- Not for use with AMP® connectors

Part Number	Klein	Cuts & Strips	Color	Crimps Connectors	Position/Pair/Conductors
P/N 9701-76879	VDV226-011	Round STP/UTP, Flat Satin Phone Cable 22-28 AWG (0.08 - 0.34 mm ²)	Yellow/Black	RJ11, RJ12 RJ22, and RJ45	4/1-2/2-4 6/2-3/4-6 8/4/8

Compact, F-Connector



- Advanced, do-it-yourselfer tool for fast, reliable, F-Connector installation
- Steel body with black-oxide finish for corrosion resistance and durability
- Fixed plunger allows quick, easy insertion and removal of cable and connector
- Compact tool with integrated handle lock

Part Number	Klein	Type	Color	Cable	Connectors	Overall Length
P/N 9701-76880	VDV212-008	Compression Crimper	Yellow/Black	Coaxial	Common F Connectors	5.6"

Compression Crimper - Lateral, Adjustable F-Connector



- Professional tool for CATV, Home Theater, Satellite, and Security System Applications where reliable, high-volume F-Connector installation is required
- Plunger tip can be adjusted to allow assembly of multiple compression F-Connectors
- Calibration/gauge block and hex wrench included
- Yellow grip enhances comfort and visibility, allowing quick identification
- High strength cast aluminum body with lateral design with split jaw for easy insertion and removal of cable and connector
- Universal plunger tip is factory preset and calibrated for the following connectors: Arris-Digicon-S™ & T™, Corning Cabelcon-CX-3 Corning Gilbert ULTRAEASE™ & ULTRARANGE™, F-Conn-FS, Holland SLC, PCT-DRS, PPC-EX XL, CMP, & Thomas & Betts SNAP-N-SEAL

Part Number	Klein	Type	Color	Cable	Connectors	Overall Length
P/N 9701-76882	VDV212-009	Compression Crimper	Yellow/Black	Coaxial	See Description	7.0"

Ratcheting Crimper with Coaxial Hex-Crimp Die Set



- Professional CATV, Electrical, Home Theater, Satellite, and Security System Crimper is perfect for fast reliable, connector installations
- Precision full-cycle ratchet action assures complete, precise crimp every cycle
- Crimps meet or exceed UL standards, where applicable
- Preset tension for optimum performance
- Dies manufactured from heat-treated high-carbon steel; quick change interchangeable dies sets
- Thumb screws secure die sets for quick, easy changes
- Ratchet mechanism is designed to prevent the release of the connector prior to full compression

P/N 9701-76883 VDV212-803 8.8" Overall Length
Set Contains:

Part Number	Klein	Description	Color	Nest Dimensions	Connector Type
P/N 9701-76884	VDV200-010	Ratcheting Crimper Frame	Yellow/Black		
P/N 9701-76885	VDV212-034	Hex Crimp RG59/6 Coaxial Cable F-Connectors	Black	0.255"/0.320"/0.350" 6.48/8.13/8.89 mm	Hex Crimp BNC Hex Crimp F

Coaxial Cable All-In-One Tool



- All-in-one hex connector for CATV, Home Theater, Satellite, and Security System applications
- Machined steel cutting blades cleanly and easily cut RG6 and RG59 coaxial cable
- Diamond-shaped stripping nests efficiently remove outer jacket of coaxial cable
- Precision ground stripping hole easily removes inner dielectric insulation without damaging the center conductor
- Two hex-crimping dies and a ring-crimping die quickly and accurately crimp hex-connectors to coaxial cable
- High carbon-steel body with black oxide finish for corrosion resistance and durability

Part Number	Klein	Type	Color	Cable	Connectors	Overall Length
P/N 9701-76887	VDV010-019	Cutter, Stripper, Hex-Crimper	Yellow/Black	Coaxial	BNC & F	8.5"

Cushion-Grip F-Connector Insertion/Extraction Tool



- 3/8" - 32 Threaded end holds standard F-Connectors for cable insertion
- 5" long shaft with 7/16" socket extends reach for connecting/removing F-Connectors
- Cushion-grip handle for greater torque and enhanced comfort
- Precision machined high-carbon steel is hardened for long life
- Durable chrome finish resists corrosion and extends tool life

Part Number	Klein	Shank Tip	Handle Tip	Color	Shank Length	Overall Length
P/N 9701-76889	VDV312-012	7/16" Open Socket	3/8"-32 Threaded Male	Yellow/Black	5"	8.8"

Impact Punchdown Tools



- Terminate cable in a variety of cross-connect panels, blocks, and keystone jacks
- Spring-loaded for fast, low-effort seating and terminating
- Selectable (Hi-Low) impact-force settings meet industry standard specification 8762D
- Rubber finger grips and boot provide greater control and enhanced comfort
- Blade storage compartment with spring loaded locking mechanism
- Color coded yellow on the cut side of the tool
- Bayonet style (twist and lock) socket accepts most manufacturer's tools and blades
- Induction-hardened high-carbon steel for durability and long life
- Replacement blades available

P/N 9701-76890 VDV427-800 7.0" Overall Length
Set Contains:

Part Number	Klein	Description	Color	Blade Configuration	
				End 1	End 2
P/N 9701-76893	VDV427-013	Impact Punchdown Tool	Yellow/Black		
P/N 9701-76894	VDV427-015	Punchdown Tool Blade - 110 Type	Black	110 Terminate	110 Terminate and Cut

P/N 9701-76892 VDV427-805 7.1" Overall Length
Set Contains:

Part Number	Klein	Description	Color	Blade Configuration	
				End 1	End 2
P/N 9701-76893	VDV427-013	Impact Punchdown Tool	Yellow/Black		
P/N 9701-76896	VDV427-017	Punchdown Tool Blade Combination 66/110 Type	Black	66 Terminate and Cut	110 Terminate and Cut

Punchdown Tool Blades



P/N 9701-76894



P/N 9701-76895



P/N 9701-76896

- Compatible with Impact Punchdown Tool and other bayonet style socket punchdown tools
- Terminate cable in variety of cross-connect panels, blocks, and keystone jacks
- Induction hardened high carbon steel for durability and long life
- Reversible blades with termination/cutting ends and termination-only ends (depending on blade type)
- Precision ground cutting-edge for clean, precise wire termination (depending on blade type)

Part Number	Klein	Description	Color	Blade Configuration	
				End 1	End 2
P/N 9701-76894	VDV427-015	110 Type	Black	66 Terminate	66 Terminate and Cut
P/N 9701-76895	VDV427-016	66 Type	Black	110 Terminate	110 Terminate and Cut
P/N 9701-76896	VDV427-017	Combination 66/110 Type	Black	66 Terminate & Cut	110 Terminate and Cut

Klein 18-Piece Journeyman's Kit



P/N 9700-89241 80118

- (1) Journeyman™ Side-cutting Pliers
- (1) Journeyman™ Diagonal-cutting Pliers
- (1) Journeyman™ Long-nose Pliers
- (1) Klein-Kurve™ Wire Stripper/Cutter
- (1) Journeyman™ Pump Pliers
- (1) Square-recess Tip Screwdriver
- (1) Wire-bending Screwdriver
- (1) Rapi-Driv® Screwdriver
- (1) Phillips-tip Screwdriver
- (2) Cabinet-tip Screwdrivers
- (1) Adjustable Wrench
- (2) Nut Drivers
- (1) Power-return Rule
- (1) Protective Eyewear
- (1) Powerline™ Work Belt
- (1) Ten-pocket Tool Pouch

Klein Fine Point Permanent Markers



- Permanent on most surfaces
- For precise marking
- Fast drying, water-resistant ink
- Long-lasting
- Replace cap after use

P/N 9701-76804 Klein 98554 Package of 2

Klein 7 Piece Cushion Grip Nut Driver Set



- Made of heat treated and tempered steel
- Shafts are fully chrome plated
- Cushion-Grip handles are resistant to oil, gas, and water
- Includes seven color-coded nut drivers: 3/16"; 1/4"; 5/16"; 11/32"; 3/8"; 7/16"; 1/2"

P/N 9000-88898 631 Traditional
P/N 9700-71124 631-M Magnetic

Klein Folding Fiberglass Rule



- Tough nylon, reinforced with glass fibers
- Measurements marked on both sides and edges, graduated to 1/16th inch
- Positive locking joints and stainless steel spring hinges
- Length: 6'

P/N 9700-22314 911-6 Outside Read
P/N 9700-41927 910-6 Inside Read

Klein 6 Piece Trim-Out Set



- A quick, portable solution for electricians
- (1) Heavy Duty Side-Cutting Pliers
- (1) Klein-Kurve Wire Stripper
- (1) 4 Pocket Leather Tool
- (1) Lightweight Utility Belt Pouch

(1) No. 2 Phillips Tip Screwdriver; 4" Round Shank
(1) 1/4" Cabinet Tip Screwdriver; 4" Round Shank
P/N 9700-98494 80006 \$58

Klein Adjustable Wrenches



- Made of drop-forged alloy steel for maximum strength
- Extra-capacity designs with plastic handles
- Lightweight

P/N 9000-50711 D507-10 10" handle
P/N 9000-50713 D507-12 12" handle

Klein 7 Piece Cushion Grip Screwdriver Set



- (1) 3/16" Cabinet tip, 3" round shank
- (1) 3/16" Cabinet tip, 6" round shank
- (1) 1/4" Cabinet tip, 4" heavy duty round shank
- (1) No. 1 Profilated Philips tip, 3" round shank
- (1) No. 2 Profilated Philips tip, 4" round shank
- (1) 1/4" Keystone tip, 4" heavy duty square shank
- (1) 5/16" Keystone tip, 6" heavy duty round shank

P/N 9000-85076 85076

Klein 4 Piece Tool Set



- Includes:
- (1) High Leverage Diagonal Cutting Pliers with Angled Head,
- (1) Wire Stripper/Cutter for solid and stranded wires
- (1) Crimping/cutting Tool for Non-Insulated or Insulated Terminals
- (1) Zipper Bag - Cordura Ballistic Nylon

P/N 9700-98493 80107

Klein Heavy Duty Hammers

- Drop forged, tempered steel heads
- High strength fiberglass shafts
- Durable plastic alloy jacket protects neck from splintering
- Comfortable, perforated neoprene grip



P/N 9000-80816 16 oz. Straight-Claw
P/N 9000-80820 20 oz. Straight-Claw



P/N 9000-81816 16 oz. Curved-Claw
P/N 9000-81820 20 oz. Curved-Claw

4 Piece Mini Screwdriver Set



- Mini Cushion-Grip handles for superior comfort and grip
 - Patented Tip-Ident® quickly identifies the type of screw driver and tip orientation
 - Precision tip for an exact fit
 - Premium chrome-plated shafts for corrosion resistance
- Convenient new P-O-P packaging; easy to display and cross-merchandise

P/N 9701-76860 Klein 85484

Electrician's Scissors - Stripping Notches



- Upper blade has notches for stripping 19 AWG and 23 AWG wire
 - Designed for telecom and electrical applications and heavy-duty use
 - Strong, tough tempered steel
- Nickel-plated finish resists corrosion
- Scraper and file on outside of both blades
- Screw hinge permits adjustment
- Serrated lower blade reduces slippage

P/N 9701-76805 Klein 2100-7

3 Piece Free Fall Cable Splicer's Kit



- Leather holder 5187 contains Free-Fall Snip 2101-0 and Cable Splicer Knife 44200
- Slotted leather holder fits belts up to 2" wide
- Free-Fall Snip has serrated teeth allowing for non-slip cutting action on 19 AWG and 23 AWG wire
- Cable splicer's knife has 1 3/4" steel blade and comfortable handle

P/N 9701-76806 Klein 46039SEN

Free-Fall Snip (New)



- Features serrated teeth allowing for non-slip cutting action
- Cuts 19 AWG and 23 AWG wire

P/N 9701-76807

Klein 2100-8

11-in-1 Screwdriver/Nut Driver



- Integrated screwdriver/nut driver shaft holds 8 popular tips and converts to 3 nut driver sizes
- Interchangeable blade for quick and easy switch out.
- Heavy duty shaft provides tight, solid feel.
- Industrial strength, heat treated bits.
- Cushion-grip handle for greater torque and comfort.
- End of handle is marked to quickly identify tool.
- TORX® is a registered trademark of Acument Intellectual Properties, LLC.
- Assembled in USA of US and imported components

P/N 9701-20237 Klein 32500

High-Leverage Kevlar Snip



- Nickel chrome plating resists corrosion and rusting
- One blade is serrated for non-slip cutting action
- Spring loaded for self opening action
- Handy closure lock for convenient storage
- Excellent for cutting Kevlar® insulation in fiber optic applications.
- Kevlar® is a registered trademark of E.I. du Pont de Nemours and Company

P/N 9701-76808 Klein 24000

Cable Splicer's Kit



- Includes cable-splicer's knife, electrician's scissors, and 2-pocket leather pouch
- Cuts cable, telephone wire, and strips insulation
- Dimensions: 2-1/8" x 7-1/2"
- Kit contains: (1) Cable-splicer's knife Cat. No. 44200; (1) Electrician's scissors with stripping notches Cat. No. 2100-7;

(1) Slotted leather holder Cat. No. 5187 for belts up to 2" wide

P/N 9000-50159 Klein 46037

Lightweight Lockback Knife 2 3/8" Drop-Point Blade



- Blade is AUS8 stainless hardened to 58-59 Rc.
- Premium quality blade offers superior edge holding
- Impact-resistant nylon resin handle with rubber insert
- Thumb stud (reversible) provides easy one-handed opening

P/N 9701-22728 Klein 44002

Klein Lockback Pocket Knives



9700-99480



9700-96133



9700-96134

- Compact and durable, fitting comfortably in your pocket
- Opens quickly and safely with one hand via a textured thumb stud
- Corrosion resistant, premium quality AUS 8 stainless steel blades, 58-59 Rc.
- P/N 9700-99480 is also available in brushed silver (P/N 9700-96131)

P/N 9700-99480 Klein 44001-BLK 2 1/4" Drop Point Blade
 P/N 9700-96133 Klein 44006 2 5/8" Sheepfoot Blade
 P/N 9700-96134 Klein 44008 2 1/2" Drop Point and Screwdriver Blades

Klein High-Leverage NE-Type Side-Cutters



- Soft, light blue handle material on outer surface for comfort and a firm grip
- Hard, black material on inner surface and handle ends for toughness and durability
- Rated to cut ACSR
- 9 3/8" overall length

P/N 9000-90002 J2000-9NE

7" Heavy-Duty Diagonal-Cutting Pliers - Tapered Nose



- Heavy-duty tapered nose design.
- One-inch jaws easily reach into confined spaces

P/N 9701-76809 Klein D220-7

Klein Long-Nose Cutters



- Long-nose design with cutting knives
- Permits wrapping, looping, and cutting
- Plastic-dipped handles

P/N 9000-42036 Klein D203-6
 6 5/8" x 1 15/16" x 11/16" x 3/8" x 1/2" x 3/32"

P/N 9000-42037 Klein D203-7
 7 1/8" x 2 7/16" x 11/16" x 3/8" x 1/2" x 3/32"

ScotchLok® Connector Crimping Pliers



- Crimps and seats UG, UR, and UY connectors
- Curved handles for greater control
- Induction hardened side-cutting knives

for long life
 • Scotchlok® is a registered trademark of 3M
 P/N 9701-76810 Klein D234-6

8" High-Leverage Diagonal-Cutting Pliers - Angled Head



- Angled head design for easy work in confined spaces
- High-leverage design
- Rivet is closer to the cutting edge

for 36% greater cutting power than other plier designs
 P/N 9701-76811 Klein D248-8

6" Heavy-Duty Diagonal Cutting Pliers



- Heavier design for all-purpose use
- Tapered nose for easy working in confined areas
- Slits insulation cleanly
- Bell System Type "W" notches and stripping hole

P/N 9701-76812 Klein D252-6SW

High Leverage NE-Type Side-Cutters



P/N 9000-21393



P/N 9000-02139



P/N 9000-20009

- Smooth, streamlined nose with knurled jaws
- High-leverage design
- Blue plastic-dipped handles

P/N 9000-21393 Klein D213-9NE New England Nose
 9 1/4" x 1 19/32" x 1 5/16" x 5/8" x 25/32"

P/N 9000-02139 Klein HD213-9NE
 New England Nose and Heavy-Duty Handle
 9 1/4" x 1 19/32" x 1 5/16" x 5/8" x 25/32"

P/N 9000-20009 Klein D2000-9NE
 Heavy-Duty Cutting 2000 Series®
 9 1/4" x 1 19/32" x 1 5/16" x 5/8" x 25/32"

Cable Cutter — Coaxial



- Cable-gripping jaws quickly score jacket and insulation, and easily cut through copper inner conductor
- Blades cleanly cut aluminum and

copper coaxial cable without compression and frayed ends

- Forged body with heat-treated and precision-ground steel blades, withstands frequent cutting
- Hot-riveted design requires no adjustment while maintaining a smooth, precise operation
- Compact, lightweight design fits perfectly in any professional's tool pouch
- Handles are plastic-coated for maximum comfort and gripping power
- When cutting drop wire with an inner steel conductor, use Cat. No. D2000-28 diagonal-cutting pliers

P/N 9701-76813 Klein 63030

Klein-Kurve® Wire Stripper/Cutter – Solid and Stranded Wire



- Precision shear-type blades for clean cuts on solid and stranded copper wire
- Wire looping and bending holes
- Precision-ground stripping holes

- Easy-to-read markings on both sides
- Curved handles help reach into confined areas
- Coil spring provides fast self-opening action
- Strong-gripping serrated nose; for easy bending, shaping, and pulling of wire
- Screw-shearing holes
- Handy closure lock for convenient storage
- Double-dipped comfort grips

P/N 9701-76815 Klein 11057

Wire Stripper/Cutter



- Compact, lightweight wire-stripping and cutting tool
- Narrow nose fits into tight places
- Hardened steel with precision ground stripping holes
- Do not use for cutting steel wire or bolts
- Spring-loaded action for self-opening

- Precision-ground stripping holes for easy removal of insulation
- Easy-to-read wire gauge markings on both sides for stripping in either direction
- Black-oxide finish resists corrosion
- Color-coded handles: red indicates stranded wire, yellow indicates solid wire
- Textured handles provide a firm, comfortable grip
- Wire looping and bending holes

P/N 9700-98589 Klein 11046

Cable Cutter — Coaxial



- Cable-gripping jaws quickly score jacket and insulation, and easily cut through copper inner conductor
- Blades cleanly cut aluminum and cop

per coaxial cable without compression and frayed ends

- Forged body with heat-treated and precision-ground steel blades, withstands frequent cutting
- Hot-riveted design requires no adjustment while maintaining a smooth, precise operation
- Compact, lightweight design fits perfectly in any professional's tool pouch
- Handles are plastic-coated for maximum comfort and gripping power
- When cutting drop wire with an inner steel conductor, use Cat. No. D2000-28 diagonal-cutting pliers

P/N 9000-63028 Klein 63028

Ratcheting Cable Cutters



P/N 9000-63060

P/N 9700-98495

P/N 9700-98496

- High leverage ratchet mechanism for single handed cutting of copper and aluminum cables; does not leave burrs or sharp edges
- Patented two-step ratchet mechanism requires fewer strokes per cut (P/N 9000-63060/P/N 9700-98496)
- Quick release opens blades easily in every cutting position
- Precision ratcheting mechanism holds cable tight and allows rapid, straight cuts with minimal effort

	<u>Klein</u>	<u>Copper</u>	<u>Aluminum</u>	<u>Comm.</u> <u>Cable</u>	<u>Length</u>
P/N 9000-63060	63060	400 kcmil	600 kcmil	1 1/8"	10 1/4"
P/N 9700-98495	63600	600 kcmil	600 kcmil	1 3/4"	9"
P/N 9700-98496	63750	750 kcmil*	750 kcmil*	2 1/16"	12 1/8"

* Frequent use capacity; maximum capacity is 1000 kcmil

Klein High-Leverage Cable Cutters



- Cable-gripping, shear-type jaws cut up to 4/0 aluminum (not ACSR), up to 2/0 soft copper, up to 100 pair, 24-gauge communication cable
- 9 1/2" long

P/N 9000-63050 Klein 63050

Klein 26" or 32" Standard Cable Cutters



- Lightweight, yet efficient shear-type cable cutters
- Replaceable hook-jaw blades
- Exceptionally strong fiberglass handles with heavy vinyl grips for comfort and slip resistance
- Heavy-duty pins in head serve as blade-stops
- Jaws are forged tool steel with black-oxide finish
- Beveled tips assure positive mating
- Not designed for cutting steel or ACSR

P/N 9007-63041 Klein 63041 26"
P/N 9000-63045 Klein 63045 32"

Klein 18" Fiberglass Handle Bolt Cutters



- Handles have heavy vinyl grips with flat grip ends for 90° cuts
- All-purpose, center-cut jaws for soft, medium, and hard metals
- Steel jaws are precision ground for sure, efficient cutting and long life
- Lockplate reinforcement prevents jaw bolts from loosening or turning
- 18.25" long, 3.65 lbs.

- 3-point toggle joint multiplies 50 lbs. of hard pressure on handles to 4,000 pounds at cutting jaws

P/N 9000-63118 63118

Klein Can Wrench



- Two tools in one; saves space in your pouch
- One end opens telephone box

fasteners, the other end tightens nuts on binding-post terminals

- 7/16" socket has a black finish
- 3/8" socket has a silver finish
- Sockets are 1 1/4" deep to fit over long binding posts and are thin-walled for easy access into tight areas
- Socket ends are color-coded for quick identification sizes
- Hex-socket design enables using a wrench to obtain extra torque
- High-impact, break-resistant handle
- Sockets are heat-treated, alloy steel

P/N 9701-29324 68005

Klein Bolt Cutters



- Strong, lightweight, general-purpose cutters
- Heavy vinyl grips for comfort and slip resistance
- All-purpose, center-cut jaws for soft, medium, and hard metals
- Drop-forged, alloy steel jaws are precision ground for sure, efficient cutting and long life
- Lockplate reinforcement prevents jaw bolts from loosening or turning, and keeps jaws in correct alignment
- One adjustment realigns cutting edges

- 3-point toggle joint multiplies 50 lbs. of hand pressure on handles to 4,000 lbs. at cutting jaws
- Available in both steel and fiberglass handles
- Available in lengths of 24", 30", or 36"

P/N 9000-63324 63324 Steel 24"; 5.25 lbs.

P/N 9000-63330 63330 Steel 30"; 8.5 lbs.

P/N 9000-63336 63336 Steel 36"; 12 7/8 lbs.

P/N 9000-63124 63124 Fiberglass 24.5"; 4.5 lbs.

P/N 9000-63130 63130 Fiberglass 30.5"; 7.5 lbs.

P/N 9000-63136 63136 Fiberglass 36.5"; 11.5 lbs.

Slitting Pocket Knife



- Extra-large, stainless-steel, curved sheepfoot slitting blade 2 1/2" long
- Ideal for heavy-duty line work
- Blade locks open
- Hand-form type handle
- 4 3/8" length closed

P/N 9000-15502 Klein 15502

Cable-Splicer's Knife



- Special-purpose short blade with comfortable, full-sized, heavy-duty handle
- Coping-type blade made of the finest cutlery steel, tough and carefully tempered to hold its edge
- Handle is textured for comfort and firm grip
- Hang hole for easy storage and portability
- Overall length: 6 1/4"
- Blade length: 1 3/4"

P/N 9700-20869 Klein 44200

Lineman's Skinning Knife



- Built extra strong for line work
- Tempered-steel blade with the blade back ground flat for scraping copper wire
- Large finger guard helps keep fingers away from blade
- 8" in length

P/N 9000-15703 Klein 1570-3

Jameson Skinning Knife



- Injection molded grip remains pliable in subzero temperatures
- Heat treated, then ice tempered (cryogenically processed), to provide a longer lasting edge
- Blade is 20 - 25% thicker and weight is 20%

less than comparable models; thick blade (.100) enhances product safety when used for prying

- Polymer handle resists cleaning agents effectively

P/N 9701-59325 32-24J Skinning Knife Only

P/N 9701-59326 32-24P Skinning Knife with Pouch

Ergonomic Skinning Knife



- Tempered-steel blade with the back of the blade ground flat for scraping copper wire
- Large finger guard helps keep fingers away from blade
- 8" in length
- Built extra strong for line work

P/N 9000-11806

Cablematic Tools

Cablematic TW Torque Wrench



- Prevent damage to equipment from over or under tightening
- Proper connectorization at "F" connector interface with factory preset torque setting
- Audible "clicking" sound to indicate proper calibrated torque
- 6.5" long; 30 inch-pounds of torque

- **P/N TW 307-AH-B** features a basic angles head

- **P/N TW 307-AH** features an angled head, a tap port rethreader, and a handy, removable belt loop

P/N 9701-76816 TW 307-AH-B 37901 (shown)

P/N 9701-76817 TW 307-AH 36437

Cablematic Dual Drop Trimmer



- Small Combo Body Design that allows cable preparation of 59, 6, N48, and 11 coax cable (std, tri, and quad) without any adjustment or blade cassette change-out
- One step cable preparation exposes the center conductor by 5/16" and removes jacket at 1/4"

- May be supplied with Mini Coax Cable cassette in place of 11 cassette

- For 6 and 11 series Plenum Cable

P/N 9701-76818 DDT 596/11 38590

Cablematic CAT-Universal Compression Assembly Tool



- Features a Universal plunger tip that is fixed and non-adjustable
- Assembles the following connectors: Arris - Digicon-S™ and T™, Corning Cabelcon-CX3, Corning Gilbert ULTRAEASE™, Corning Gilbert ULTRARANGE™, F-Conn-FS, PCT-DRS, PPC-EX XL, CMP, Thomas and Betts SNAP-N-Seal®, and Holland SLC

- **P/N 9701-76822** features a Plunger tip that can be changed out to allow assembly of other compression connectors (EX and SPL)

- Calibration/gauge block and hex wrench supplied with tool
- **P/N 9701-76824** does not allow future plunger tip changeover

P/N 9701-76822 CAT-Universal 36175-1 Green Plunger Tip

P/N 9701-76824 CAT-Universal-FX 37260 Green Plunger Tip

Cablematic CAT-AS Compression Assembly Tool



- Unique CAT allows assembly of Series 59/6, 7, and 11 drop connectors in one versatile tool
- Two sets of jaws, precision designed - one set for 59 and 6 connectors and another set for 7 and 11 connectors
- High strength cast aluminum body
- Spring-loaded, split jaws
- Fixed, factory-set, non-adjustable plunger tip

P/N 9701-76825 CAT-AS 37720 Green Plunger Tip

Cablematic Can Wrench



- Allows universal access to network interface devices, telephone boxes, and pedestals
 - Tightens nuts on binding post terminals
 - Deep 1 1/2" heat-treated sockets for long binding post
 - Ribbed handle is constructed of high quality impact and abrasion resistant polymer
 - Combines 7/16" and 3/8" thin wall sockets in one handle
- P/N 9701-58701 CW71638**

Cablematic Single Drop Trimmer



- One step cable preparation precisely exposes the center conductor and removes the proper length of jacket to SCTE and Bellcore specifications
 - Lightweight; ergonomic body design
 - For 1/4" braid preparation
 - Tool supplied with model specified cassette assembled in tool in addition to one spare cassette
 - Unique "cassette ejector" provides quick blade cassette removal
- P/N 9701-76819 SDT 596/250 36700**

Cablematic S-200 Security Shield Tool



- For use with 7/16" hex shielded "F" connectors
 - New design with extended 7/16" shank
 - Machined and heat treated steel
 - Knurled handle for easy gripping
 - Steel loop permits additional tool turning leverage and serves as a convenient carrying loop for attachment to belt or pouch
- P/N 9701-76821 S-200 35440**

Cablematic Multi-Socket Can Wrench



- Unique lightweight design
 - Impact resistant polymer handle also provides a storage compartment for additional sockets
 - Supplied with hex sockets 7/16", 3/8", 5/16", 1/2", 1/4", and 5/32" security hex (all sockets clearly stamped with hex size)
 - Wrench has reversible double sockets on each end
- P/N 9701-58705 CW-1**

Cablematic Lightweight Drop Trimmer



- Lightweight, compact body design
 - **P/N LDT 596-250** is designed for cable preparation of 59, 6 and N48 coax cable
 - **P/N LDT EUR** is designed for cable preparation of 59, 6, N48 and Coax 9 cable
 - One step cable preparation exposes the center conductor by 5/16" and removes jacket at 1/4"
 - May be supplied with other blade cassettes
 - For 6 series plenum cable
- P/N 9701-76826 LDT 596-250 38830**
P/N 9701-76827 LDT EUR 42009

Miller Tools

Miller CFS-2 Fiber Optic Stripper



- For stripping 250 micron buffer coating to expose 125 micron clad fiber
 - All stripping surfaces are manufactured to precise tolerances to assure clean, smooth strips
 - Will not scratch or nick glass fiber
 - 140 Um diameter hole and V-opening in blade allows removal of 250 micron buffer coating from 125 micron fiber
 - Second hole for stripping 2-3 mm fiber jackets
 - Pre-set at the factory; no adjustments needed
- P/N 9701-76842 CFS-2 46107**

Miller KS-1 Kevlar Shear



- Lightweight shears ideal for cutting Kevlar® strength members
 - Ergonomic molded handles for both right and left-handed users
 - One micro-serrated blade reduces slippage
 - Blades made from high carbon molybdenum, and vanadium steel
 - 5.5" long
- P/N 9701-76843 KS-1 80671**

Miller "Single Hole" Fiber Optic Stripper Line



- For stripping 250 micron buffer coating from 12 micron optical fiber
- Precision diameter hole and V opening blade allow for accurate buffer coating removal
- Factory set; requires no adjustment
- Prevents scratching or nicking of optical fiber
- All cutting surfaces are precision formed,

hardened, tempered and ground assuring precise buffer removal

P/N 9701-76828 FO 103-S 80355

Miller "Dual Hole" Fiber Optic Stripper Line



- Second hole for stripping 900 micron tight buffer down to 250 micron buffer coating and standard 125 micron fiber stripping - allows longer stripping lengths without damaging the fiber
- Features same consistent quality and features found in standard FO 103-S tool

P/N 9701-76829 FO 103-D-250 80675

Miller "Tri-Hole" Fiber Optic Stripper Line



- Three hole model performs all common fiber stripping functions in one compact tool; features hole for removal of 2 to 3mm fiber jackets, removes 900 tight buffer to 250 micron buffer coating, and standard 250 to 125 micron stripping
- Features same consistent quality and features found in standard FO 103-S tool

P/N 9701-76831 FO 103-T-250-J 80677

Miller No-Nik® Fiber Optic Strippers



- Accurate to -0 mm, + .0127 MM
- Exclusive centering device positions fiber for precise scoring and removal of buffer coating
- Razor-sharp blades completely score the buffer
- Back-up blades support the cutting blades, nest positively, and "lock up" when the tool is closed to maintain perfect concentricity

- Buffer being removed acts as guide and protection for the fiber
- Stripping blade diameter clearly marked on plastic handle
- Arrow indicates direction pressure should be applied when stripping on head

P/N 9701-76832 NN018 46198 0.18" Cutting Diameter Yellow Diameter of Remaining Fiber or Buffer Coating - 400 micron

P/N 9701-76833 NN203 46241 0.008" Cutting Diameter Red Diameter of Remaining Fiber or Buffer Coating - 125 micron

Miller Adjustable Wire Stripper/Cutter



- Strips and cuts insulated wire sizes from #22 AWG to #10 AWG
- Effective for stripping/scoring fiber optic jackets and buffer tubing
- Stop screw adjusts easily to fit wire size
- Soft plastic coated handles
- 5.125" long

- P/N 101-S features an opening spring and closing lock feature
 - Ground and unground cutting surface versions available
- P/N 9701-76834 101-S 80305

Miller 925CS Splicer's Scissors



- Multi-purpose service tool
- Stripping notches for 19 and 23 gauge wire
- Scraper and file on back of blade
- Thru-hardened; use for splicing wire, cutting harness ties, insulation materials, medium gauge wires, electrical tape, and stripping insulation
- Double-plated with chrome over nickel - the ONLY electrician's scissors that offer this full double protection
- 5.25"

P/N 9701-76838 925CS 46043

Miller Fiber Optic Kevlar Cutter



- Powerful, quick cutting action
- Full serrated edge for consistent, fast, clean cuts
- Lightweight and compact, yet cuts Kevlar® strength members in fiber optic cables
- Return spring designed for precise repeated cuts
- Ergonomic handles with cushioned non-slip grips
- Made of high carbon steel specially treated for

- long life and trouble free cuts
- 5.75" long

P/N 9701-76840 FOKC 36495

Miller Armored Cable Slitter



- Ideal for slitting corrugated copper, steel, or aluminum armor layer on Fiber Feeder, Central Tube, Stranded Loose Tube fiber optic cables and other armored cables
- Versatile design allows jacket or shield slitting on non-fiber optic configurations
- Tool slits outer polyethylene jacket and armor in one operation; performs longitudinal slitting and circumferential (ringing) for end stripping; blade rotates 90 degrees by activating blade lever, allowing easy mid-span preparation
- Adjustable from .315" to 1.125" cable O.D.
- "Roller" style cable follower provides cable stability and allows for easier tool movement along the cable

P/N 9701-76841 ACS 37880

Greenlee ES85 Battery-Powered Communications Cable Cutter



- Cuts cables up to 3 1/4" cleanly with minimal distortion
 - Makes approximately 90 cuts of 1800 pair of 24 AWG cable per battery charge; each cut only takes about 8 seconds
 - Operator can switch between reverse and forward direction with one finger
 - An integral circuit breaker protects the motor if the tool becomes overloaded
 - Powerful 14.4 volt battery charges in less than one hour
- Extra sharp hardened blades cut the cable without pulling individual strands and with minimal distortion
- P/N 9000-70360 ES85-11 120V Charger

Greenlee Gator® ESC85 Battery Powered Cable Cutter



- Designed for communications and underground power cable cutting
 - Scissor style blades are easy to fit around cables
 - Cutting head rotates 360°
 - Side handle enhances operator control
 - Includes one-hour battery charger, steel carrying case, two batteries
- P/N 9700-71691 ESC8511 120 Volt charger
P/N 9000-02999 02999 12V NiCd Battery
P/N 9000-30460 03046 120V Charger

Stanley CCB33 Battery Powered Cutters



- 6-Ton Crimper, 14.4 volt, 2.6 Ah Battery, NiMH with 3.3" opening
 - Replaceable blades
 - Trigger speed control
 - Rapid advance, 2-stage pump
 - Advance & hold
 - Partial retract for quicker repeat cycles
 - 350° swivel
 - Crimping capacity: 3 x 400 MCM AL, 1500 MCM AL, 1250 MCM Copper
- P/N 9701-76928 CCB33001V 12 VDC Charger
P/N 9701-76927 CCB33001W 110 VAC Wall Charger

Greenlee ES32 Cable Cutter



- Features a small size of 15 3/4" long, a lightweight, ergonomic feel, and efficient operation
 - Features unique two-step scissors style cutting blades to cut up to 500 kcmil
 - Cutting head rotates 350° for access to tight spaces
 - Includes 2 batteries, a carrying case, and a charger
- P/N 9000-12114 ES32-11 120 Volt Charger
P/N 9000-12115 ES32-12 12 Volt Charger
P/N 9000-01975 01975 9.6V NiCd Battery
P/N 9000-02178 02178 120V Charger
P/N 9000-99493 03048 12V Charger

Greenlee ES750 Cable Cutter



- Cuts 500 kcmil copper cable in less than 8 seconds
 - Approximately 20 cuts in 750 kcmil per battery charge
 - Includes a one hour battery charger, battery, and molded carrying case
- P/N 9700-21736 ES750-11 120 Volt Charger
P/N 9700-37486 ES750-22 230 Volt Charger
P/N 9000-45378 45378 12V NiCd Battery
P/N 9000-00433 45379 120V Charger
P/N 9000-00434 45382 230V Charger

Huskie SP-85 Hydraulic Remote Cutting Head



- Features a hinged head that can be opened for easy cable or bar insertion
- Movable blade advances in a shear fashion, to cut the material cleanly
- When the cutting pressure is relieved, an internal ram spring retracts the blade
- The guillotine cutting style was chosen over scissor type cutting because of its powerful output force, larger cable

capacities, compact size, and reliability

- This tool can be used underwater. A 3/8" screw-type male coupler is included
- Cuts Telecommunication Cable up to 3.35"
- Cuts Lead Sheath Cable up to 520
- Cuts Cu/Al wire up to 3" or 76mm
- Do not cut ACSR or EHS guy wire with this tool

P/N 9000-50233 SP-85

Huskie SP-100 Hydraulic Remote Cutting Head



- Features a hinged head that can be opened for easy cable or bar insertion
- Movable blade advances in a shear fashion, to cut the material cleanly
- When the cutting pressure is relieved, an internal ram spring retracts the blade
- The guillotine cutting style was chosen over scissor type cutting because of its powerful output force, larger cable

capacities, compact size, and reliability

- This tool can be used underwater. A 3/8" screw-type male coupler is included
- Cuts Telecommunication Cable up to 540
- Cuts Lead Sheath Cable up to 540
- Cuts Cu/Al wire up to 530
- Do not cut ACSR or EHS guy wire with this tool

P/N 9701-79360 SP-100

Huskie REC-50U ROBO*SLICE



- Cuts 2" cable with the touch of a finger
- Features a powerful gear reduction motor that pulls a moveable blade through the toughest copper and aluminum cables
- Specifically designed for cutting the toughest URD cables in a limited amount of space
- Moveable blade has wide gear teeth for extra power and full cutting traction; impact resistant springs are attached on both

ends of the blade to reduce damage if impact occurs

- Repetitive ratcheting movement is entirely eliminated
- Comfortably fits into the lineman's gloved hand
- Cuts are clean with minimal cable distortion
- Powered by a 14.4 volt rechargeable battery cartridge which is interchangeable with all ROBO products
- Cuts Al up to 1500 MCM; cuts Cu up to 1000 MCM
- DO NOT CUT ACSR or STEEL with this tool

P/N 9701-06760 REC-50U Tool Only

Huskie REC-585YC ROBO*CUT



- The REC-585YC is designed to cut copper and aluminum cables as well as lead-sheathed telecommunication cables
- The extremely large jaws and scissor-type blades allow for easy cutting of large underground cables
- The sidebar handle allows the user to stabilize and balance the tool
- This tool also has a built-in bypass

cartridge to avoid cutter damage for those cables that are beyond the cutter's capacity

- The open jaw design allows the user to scoop up cables that are against the wall, in hard to reach areas and on the ground
- Cuts Al up to 3"; cuts Cu up to 1000 MCM
- Cuts Telecommunication Cable up to 3"
- Cuts Lead Sheath Cable up to 2.5"
- DO NOT CUT ACSR with this tool

P/N 9701-76897 REC-585YC Tool Only

Huskie REC-S520 6.6 Ton ROBO*CUT



- Designed to cut the toughest steel used in construction today. It can replace an entire tool kit, including several sizes of conventional bolt cutters, hacksaws, acetylene torches and cable cutters
- With the pull of a trigger, you can cut ACSR cables up to 3/4", standard guy wires to 7/16", and ground rods to 1/2"
- The specially designed flip-top latch and rotating head provide exceptional ease of use and maneuverability in tight working quarters
- Features an overload bypass that will kick out when the tool reaches 6.6 tons or is attempting to cut cables beyond its capacities
- Cuts Wire rope up to 5/8", Rebar (Sc 40) up to 1/2", Rebar (Sc 60) up to 3/8", Ground rod up to 1/2", ACSR up to 477 MCM, Standard guy wire up to 7/16"

• DO NOT CUT EHS GUY WIRE with this tool
P/N 9701-76898 REC-S520 Battery Powered Cutting Tool Only

Milwaukee M18 High Performance Hammer-Drill/Driver



- 18V M18 XC High Capacity Lithium-Ion battery delivers longer life and run-time
- Milwaukee 4-Pole Frameless Motor delivers up to 65% more holes per charge
- 1/2" single-sleeve ratcheting metal chuck with carbide jaws
- On-board battery fuel gauge displays remaining run-time
- Built-in LED Light illuminates work area
- Variable speed trigger
- Includes (2) 18V XC LITHIUM-ION Batteries, 18V Charger, Side Handle, Carrying Case

P/N 9701-82159 2611-24

Milwaukee V28™ Cordless 1/2" Hammer-Drill Kit



- Revolutionary 28 volt Lithium-Ion technology - 28 volt power at 18 volt weight
- 1/2" all metal, single sleeve, ratcheting chuck with all carbide jaws
- 600 in.-lbs. of maximum torque
- Exclusive Clip-Lok™ system
- Up to 2x run-time of 18 volt tools
- Includes: (2) V28® LITHIUM-ION Batteries, Cordless Drill Carrying Case, 18V-28V Universal Charger, Clip-Lok™ System Side Handle, No. 2 Phillips Bit

P/N 9701-82160 0724-24 28 Volt, DC Charger

Milwaukee Cable Bits



- When drilling in unreachable areas, reach for the extra long Cable Bit to do the job
- Designed for installers of small wire systems such as computer, security, phone and cable
- Features a flexible steel shaft that lets you reach behind the wall with greater precision and ease
- Use the placement tool, P/N 9701-82171, to properly locate the hole within the interior of a wall
- Equipped with a hole in the tip to pull the wire through after drilling
- One per package

P/N 9701-82162	48-13-8237	3/8 x 54" Cable Bit
P/N 9701-82164	48-13-8250	1/2 x 54" Cable Bit
P/N 9701-82165	48-13-8275	3/4" x 54 Cable Bit
P/N 9701-82167	48-13-8337	3/8 x 72" Cable Bit
P/N 9701-82168	48-13-8350	1/2" x 72 Cable Bit
P/N 9701-82169	48-13-8375	3/4 x 72" Cable Bit
P/N 9701-82171	48-08-0275	Placement Tool

Milwaukee Ice Hardened™ The Torch® Sawzall® Blade



- Up to 50% longer life than the competition
- Matrix II bi-metal teeth for greater durability
- Positive rake angle for fast cutting
- Radiused tooth back reduces stress on teeth
- Deeper gullets for fast chip removal
- Utilize a proprietary cryogenic hardening process that improves upon traditional heat treat processes

P/N 9701-82172	48-00-4782	14T 6LG
P/N 9701-82174	48-00-4784	18T 6LG
P/N 9701-82175	48-00-4788	18T 9LG
P/N 9701-82177	48-00-4787	14T 9LG

Milwaukee V28™ Lithium-Ion Cordless Sawzall® Reciprocating Saw w/ Case



- Revolutionary 28 volt Lithium-Ion technology
- 0-2,000/0-3,000 SPM for metal or wood cutting
- Quik-Lok™ blade clamp for quick tool-free blade changes
- Gear protecting clutch for extreme durability
- Keyless shoe adjustment quickly adjusts blade

P/N 9701-82179 0719-22 28 Volt

Milwaukee 18V Cordless M18 Sawzall® Reciprocating Saw Kit



- 18V M18 XC high capacity Lithium-Ion battery delivers longer life and run-time
- Patented Gear-Protecting Clutch extends the life of the tool
- Variable speed trigger

- Lever action Quik-Lok™ blade clamp
- Battery fuel gauge displays remaining run-time

P/N 9701-82180 2620-21 18 Volt

Milwaukee 28V™ Wet/Dry Vacuum



- Offers longer continuous run time, higher air power and suction to provide quick and easy removal of dust, debris and water
- Washable, reusable HEPA wet/dry filter delivers excellent fine dust collection; change is not needed between wet and dry applications
- A built-in blower port allows the vacuum to double as a blower
- V28™ Battery Pack & Charger NOT included
- 1 1/4" hose allows standard vacuum attachments to be fastened
- Powerful motor to provide strong suction and air flow
- It includes vacuum, filter, hose, a crevice tool, and a wide nozzle

P/N 9701-82181 0780-20 28 Volt, DC Charger

Tanaka Reversible TED270PFR Gas Drill



- Features a 27 cc, 1.4 h.p. PureFire two-stroke engine
- 20:1 gear reduction
- Powered reversing feature
- Dual position padded front handle
- Heavy-duty fuel tank protector

P/N 9000-88874 TED-270PFR

Tanaka Gas Engine Drill TED270PFL



- Portable, lightweight, and durable; allows users to drill anywhere and in any position
- 26 CC
- 1/2" chuck capacity
- Not reversible

P/N 9817-52769 TED-270PFL

ERD210 Echo Engine Drill



- Can bore 1/2" diameter holes in steel or concrete, up to 1" diameter in wood, up to 7" diameter in soil
- 21.2 cc engine with Pro-Fire ignition
- 0 to 450 rpm forward/reverse
- 1/2" keyless chuck
- Gear reduction ratio of 17.1:1
- Weighs 10 lbs. dry

- Diaphragm with purge pump carburetor

P/N 9007-00210 EDR-210

Hilti UH 240-A Hammer Drill Kits



- Generates maximum power for drilling masonry, the right speed for drilling metal, and the torque required for heavy duty drilling into wood
- Innovative 3-gear system
- Unique vibration-dampening cushion

P/N 9000-00442 3001525 UH240-A 24V DELUX 2.0 AH Drill Kit

P/N 9000-24030 3001529 UH240-A 24V DELUX 3.0 AH Drill Kit

P/N 9000-00456 378424 2.0 AH B24V Replacement Battery

P/N 9000-00457 378426 3.0 AH B24V Replacement Battery

Echo EDR260 Reversible Engine Drill



- 25.4cc two stroke engine, 50:1 gas/oil mix
- 17.1:1 gear reduction provides extra torque
- Bit speed is 0 to 650 RPM, in forward or reverse
- Weighs only 10.7 lbs.
- Features a keyless chuck

- Accepts bits with shanks up to 1/2" in diameter
- Front handle can be mounted on left or right

P/N 9007-00260 EDR-260

Electric Tools

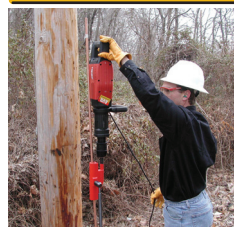
Ingersoll-Rand IR8062 - 5/8" Super Duty Electric Hex Drive Impact Wrench



- Industrial duty, 7.5 amp impact wrench delivers 1,725 blows per minute
- Built-in 5/8" quick change chuck
- 120 AC/DC; includes 8' cord
- 100 - 375 ft. lbs. torque range; 500 lbs. maximum torque
- 3/4" standard bolt capacity
- 11.9" long; 10 lbs.

P/N 9910-05384 IR8062

Hilti Electric Power Driver System



- Offers operators the unmatched ability to drive ground rods while standing on the ground the entire time
- Lightweight, comfortable, safe alternative for driving single or coupler rods
- Allows operator to drive 5/8" diameter 8', 10', or 12' single or coupler ground rods
- Runs on a standard generator or truck mounted inverter system

- No heavy, bulky hydraulic hose to carry long distances
- Adjustable ratchet handle can be turned without tread engagement

P/N 9700-50594

373363

Stanley 1/2" Drive Proto Sockets

P/N 360-20010	05109	.59" x 1/2"	Square Drive
P/N 360-20011	05110	.63" x 1/2"	Square Drive
P/N 360-20012	05111	.69" x 1/2"	Square Drive
P/N 360-20013	05112	.75" x 1/2"	Square Drive
P/N 360-20014	05113	.81" x 1/2"	Square Drive
P/N 360-20015	05114	.88" x 1/2"	Square Drive
P/N 360-20016	05115	.94" x 1/2"	Square Drive
P/N 360-20017	05116	1" x 1/2"	Square Drive
P/N 360-20022	05108	1/2" x 1/2"	Square Drive
P/N 360-20028	17421	1.06" x 1/2"	Square Drive
P/N 360-20034	33156	1" x 1.13"	Hex Drive
P/N 360-20035	33155	.81" x .94"	Hex Drive

Heavy Duty Sockets (Standard/Deep)



5/8" Hex Impact Type

P/N 9817-52738	9/16"	(Standard)
P/N 9817-53398	5/8"	(Standard)
P/N 9817-52741	7/8"	(Standard)
P/N 9910-05374	11/16"	(Standard)
P/N 9817-52740	3/4"	(Standard)
P/N 9910-05376	13/16"	(Standard)
P/N 9817-53232	15/16"	(Standard)
P/N 9817-52744	1"	(Standard)
P/N 9700-10785	1 1/16"	(Standard)
P/N 9817-53399	1 1/8"	(Standard)
P/N 9817-53401	11/16"	(Deep)
P/N 9817-53230	3/4"	(Deep)
P/N 9817-53400	13/16"	(Deep)
P/N 9817-53233	1"	(Deep)
P/N 9817-52734	1 1/16"	(Deep)
P/N 9910-05372	1 1/8"	(Deep)

Chuck Adapter for Impact Tool



• Adapts a 1/2" square drive impact to drill bits up to 1/2" shank

P/N 9700-13302

Mag Timber Drill Bit



- 30" overall with a 26" long flute
- Double flute, double spur design for clean holes, quick chip removal
- Available in numerous other sizes

P/N 9000-73009 9/16" x 7/16" Shank

P/N 9000-73011 11/16" x 7/16" Shank

P/N 9000-73013 13/16" x 7/16" Shank

P/N 9000-73015 15/16" x 7/16" Shank

Fireball Carbide Tipped Wood Drill Bits



- General purpose bits, medium to heavy-duty auger style wood boring auger pole bit
- Milled from a single piece of steel creating a solid center
- Outperform and outlast any ordinary steel auger pole bits
- Features a patented double spur, carbide tip drill bit configuration and proven power-auger flute design
- Designed to produce numerous straight holes and is self-feeding
- Works equally well with older and newer hydraulic power tools
- May be used with most heavy-duty electric, pneumatic, or gasoline powered drill motors or impact wrenches rated at 1/2" capacity or larger
- NOT a reversible bit
- Drill bits can be completely rebuilt and repaired

P/N 8854-71809 H71809 9/16" Diameter 22" long

P/N 8854-71811 H71811 11/16" Diameter 18" long

P/N 8854-71813 H71813 7/16" Hex 22" long

P/N 9000-00016 H71815 11/25" Diameter 18" Twist Fireball

P/N 9000-71817 H71817 7/16" Hex Shank 22" long

Greenlee 18" Naileater Impact Bits



- Naileater impact bits quickly bore through creosoted and salt-treated utility poles
- Self-feeding screw point draws the bit through the wood and eats through nails and staples
- 18" long

P/N 9000-37868 9/16"

P/N 9000-37870 13/16"

P/N 9000-37869 11/16"

P/N 9000-37871 15/16"

Quick Change Impact Drill Bits



- Spurred cutting edge for fast and even cutting
- Course, burr-free lead screw of Teflon[®] coated carbon steel construction for quick, on-target starts without material build-up
- Unique twist design for clean chip removal, even in the deepest cuts
- Perfectly cocentric for accurate diameter of holes

P/N 9701-36911 18" Long 1" Diameter

P/N 9701-36912 18" Long 1 1/16" Diameter

P/N 9701-36913 18" Long 1 1/8" Diameter

P/N 9701-36914 18" Long 1 1/4" Diameter

P/N 9701-36915 18" Long 1 3/8" Diameter

P/N 9701-36916 18" Long 1 1/2" Diameter

P/N 9701-36918 24" Long 7/16" Diameter

P/N 9701-36919 24" Long 9/16" Diameter

P/N 9701-36920 24" Long 11/16" Diameter

P/N 9701-36921 24" Long 13/16" Diameter

P/N 9701-36922 24" Long 15/16" Diameter

P/N 9701-36923 24" Long 1" Diameter

P/N 9701-36924 24" Long 1 1/16" Diameter

P/N 9701-36925 24" Long 1 1/8" Diameter

P/N 9701-36927 24" Long 1 1/4" Diameter

P/N 9701-36928 24" Long 1 3/8" Diameter

P/N 9701-36929 24" Long 1 1/2" Diameter

Truck Cab Organizers

These models are make and model specific. Please call **1-877-GO ALTEC (1-877-462-5832)** with your specific vehicle information.

Center Seat Console Replacements



- Designed to fit full size trucks with bucket seats or 40/20/40 front seat combination where the center section has been removed
- These stylish organizers have large hanging file compartments and extra storage that holds three-ring binders and more

- Clipboard-writing platform is at writing height
- Two drink holders accommodate up to size extra large cups
- Features writing surface, large filing compartments, extra storage, dual cup holders in sizes available for any truck

Model 10-CConsole

UtiliDesk



- Custom fit for any truck big or small to meet specific storage and electronic mounting requirements
- Includes all of the features of our standard organizers but integrates the laptop mounting solution
- Features integrated computer mount, writing surface, large filing compartments, extra storage
- Optional mounting plate, radio mount, and armrest available

Model 10-UtiliDesk

Bench Seat Organizers



- Designed to fit in the passenger seat of any size truck that has bench seats
- They have large file compartments and lots of extra storage
- The clipboard writing platform opens forward to accommodate laptop computers
- Two drink holders accommodate extra large size cups
- Features writing surface, large filing compartments, extra storage

P/N 9000-99539 10-7000-B

Vehicle Laptop Mounts and Desks

These models are make and model specific. Please call **1-877-GO ALTEC (1-877-462-5832)** with your specific vehicle information.

Trek Desk



- Designed to fit: Cars and small trucks
- Mobile Desk's most versatile mounting solution offers a No-Drill installation for most vehicles; removes in seconds yet very stable
- Features: No Drill Base Mount, Quick Removal, Shock Control, Laptop

- Ventilation, Complete Adjustability
- Optional screen holder and printer mount also available

P/N 9000-55555 10-4513PND No-Drill Base

Xtreme



- Heavy duty design fits all trucks
- This ruggedized model is designed to withstand the rigors of any environment
- Features shock control, Laptop ventilation, full adjustability, expandable top
- Optional: screen holder, no-drill base, and printer mount also available

P/N 9000-55557 Standard D-10 Model

Fuzion



- High security design for all trucks
- A state of the art mounting solution
- Mount your laptop with unshakable confidence utilizing our new safe and secure locking technology
- Features: high security mount, shock control, laptop ventilation, full adjustability, expandable top
- Optional: screen holder, no-drill base, and printer mount also available

P/N 9701-76931 #10-Fuzion

Laptop Screen Disabler™



- A hardware/software safety solution that is designed to blank a mobile user's laptop screen when it senses the motion of the vehicle
- The screen-blanking function does not interfere with the ability of the computer to perform its communication and computation activities; it merely eliminates the distraction of the screen and the temptation to operate the keyboard while the vehicle is moving
- Omni directional sensitivity
- Maintains a seven day log to monitor attempted tampering and performance
- Easy to use software interface utilizes standard USB 1 or 2 connections and is compatible with XP or Vista OS

P/N 9701-76932 #1-SCRNBLNK

SAF Holland Pintle Hooks with Tethered Latch Pins

- High quality pintle hooks
- Strong, rugged, and built to last
- We offer a variety of spring and air-cushioned pintle hooks that are designed to pull a load of up to a maximum gross trailer weight of 100,000 lbs.
- These pintle hooks accept vertical loads up to 20,000 lbs.
- Tow shackles and hooks are also available



P/N 683-20160 PH-30SA51
Flange Mount with Swivel Hook
30,000 lb. max GTW



P/N 9000-99328 PH-30SB51
Under-Body Mount with Swivel Hook
30,000 lb. max GTW



Ball type pintle hook
P/N 683-20045 BH-200RN51
Combo Pintle Hook & 2" Ball Hitch



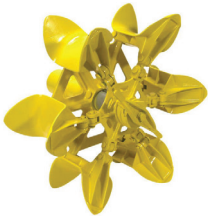
Pintle Hook
P/N 7053-01443 PH-30RP51
Flange Mount with Rigid Hook
30,000 lb. max GTW



Pintle Hook
P/N 683-20006 PH-10RP51
Flange Mount with Rigid Hook
10,000 lb. max GTW

Reels & Accessories

Collapsible Power Reel



- Ideal for placing or removing aerial cable, taking down wire, or pulling winch line into conduits
- Reel may be used as a pulling capstan for pulling in poly rope or tape
- Has a capacity of 1,600' of 1/4" wire rope with a maximum allowable pull of 3500 lbs. Bare Drum; stores a 200 lb. coil of wire
- Mounts on the end of any 2 7/16" winch drum extension shaft, bayonet, or pin type mount unit
- Consists of a spindle with a fixed spider and sliding spider to which are attached six moveable rim segments
- A half turn of the handle collapses all six moveable segments, allowing quick removal of coils
- Reel O.D.: 28" (expanded), 18 3/4" (collapsed); ID: 20"

P/N 415-01018 Power Reel
P/N 3194-00201 Mounting Bracket
P/N 415-01079 Extension Shaft

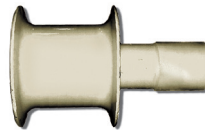
NOTE: Do not use to store mule tape

GMP 7" Aluminum Capstan



- Cast from a high strength aluminum alloy
 - Will fit on any 2 7/16" diameter winch extension shaft equipped with a bayonet or pin type mount
 - Working surface is 7 1/4" diameter x 8" wide
 - The maximum allowable pull is 4000 lbs.
- P/N 9000-10727 10727**

General Purpose Capstan Head



- These bayonet mount capstans are available in ductile iron and aluminum for extension shaft winches
- May be used for almost any pulling application using roughly any type of material
- Will fit on any 2 7/16" diameter winch extension shaft
- Working surface is 7 1/4" diameter x 8" wide
- Also available is Attec's 20" collapsible power reel with a max pull rating of 3,500 lbs. (**P/N 415-01018**) and ECR extension shaft (**P/N 415-01067**)

P/N 8789-90939 Ductile Iron 6,000 Lbs. Rating
Braden Winch 81239

Bumper Sight Rods



- These rods provide drivers with the ability to assess where the front bumper of the truck is in relation to a close object
- These rods are beneficial for inexperienced drivers or for maneuvering around or close to other objects

P/N 684-91001

Cable Steps



- Altec weld-on cable steps provide workers a safe way to access various areas on the truck
- Made with grip strut tread to eliminate slippage from wet and muddy boots.
- These steps weld onto almost any body location
- Semi-flexible cables allow crossing ditches and hitting obstacles without permanent damage to the step

Single Step

P/N 3225-00103 9 1/2" x 7" x 12" *

P/N 3225-00107 12 1/2" x 7" x 7" *

P/N 3225-00101 12 1/2" x 7" x 12" *

P/N 3225-00102 17 1/2" x 7" x 12" *

Double Step

P/N 716-10069 12 1/2" x 7" (Top)*; 12 1/2" x 7" x 21 1/2" (Bottom)*

* Dimensions: width of step x depth of step x length of cable

Sauber Safety Swing (Breakaway) Step



- Forgives ditch-runners, indiscriminate backers, and many other trials that rigid or cable-type steps cannot
- Provides a firm, non-flexible step for operators, yet releases and swings away when the going gets rough
- Available in 7", 9", and 11" fixed heights as well as an adjustable step that allows height selection during installation
- Aluminum-bronze support with a hot-dipped galvanized step finish and stainless steel pivot rod make these safety steps impervious to the weather
- Installs easily with two fasteners in the face of your bumper or tailshelf



P/N 716-10068 8467-7 7" Safety Swing Step with Springs

P/N 716-10098 8467-9 9" Safety Swing Step with Springs

P/N 7053-00732 8467-11 11" Safety Swing Step with Springs

P/N 8140-00947 8467-A 10" - 15" Adjustable Safety Swing Step with Springs

Wheel Chock Holders



- Designed to keep wheel chocks secure during transport and are effortless to store
- Made for mounting inside the fender panel close to the tires for easy accessibility when needed

P/N 3178-00112

Safety Cone Holders



Fixed style (left)
Horizontal style (above)

- Provides easy access to cones
- Both fixed and fold down style available

P/N 9000-80024 Fixed - 12" x 12" x 19-3/4" Tall

P/N 660-21028 Fixed - 14" x 18" x 26" Tall

P/N 3172-01205 Fold-down

P/N 9700-32039 Horizontal

Outrigger Pad Holders



- These pad holders keep outrigger pads secure during driving and are easily accessible
- Can be added underneath utility bodies for effortless storage of any size outrigger pad up to 18" x 18"

P/N 3174-02906 Holds (1) Pad

Fairleads



P/N 9910-05339



P/N 9910-04350



P/N 5275-00037

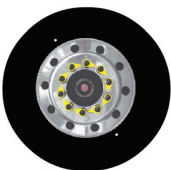
- Increases productivity
 - P/N 9910-04350 features a design that enables better control and maneuvering for the placement of strand or cable
 - P/N 9910-04350 eliminates cable binding when the boom is working out to the side by its rotating, free-floating alignment; features hardened steel rollers for reduced wear and longevity and attaches to the existing bolt pattern on your fair lead tube
- P/N 9910-05339 Standard Heavy Duty Large Fairlead w/Swivel
P/N 9910-05344 Miniature Fairlead w/Latch Opening for Lasher
P/N 9910-04350 Heavy Duty Fairlead Model w/Rotating Swivel
P/N 5275-00037 Heavy Duty Steel Fairlead w/Pin; 3" Gate

Tubular Storage Kit



- Stores and protects a wide range of hot line tools and equipment
 - Kit mounts easily on trucks, fences, etc.
 - Universal mounting brackets
 - Stainless steel latch pin hinge
 - Does not include PVC
- "O" ring in lid assembly provides a water and dust proof seal
 - All aluminum alloy kit includes 1 canister cap, 2 aluminum MTG brackets, 1 canister lid assembly, 1 adhesive kit and a set of instructions
- P/N 692-98147* Hastings EX21699 4" Kit**
P/N 692-98074* Hastings EX21682 6" Kit
P/N 692-98444* Blaylock TCK8 8" Kit

Wheel Check Locking Tab Wheel Lug Indicators



- Provides a simple, visual means of confirming proper wheel torque in seconds
 - Reduce your risk of wheel detachment accidents (Protect the public, help prevent property and load damage)
 - Lower your maintenance costs by eliminating unnecessary re-torquing
 - Quickly identify a hot wheel possibly caused by bearing failure or brake drag
 - Decrease equipment downtime
- Facilitates official roadside inspections
 - Clearly visible at night and in bad weather (rain, snow, muddy conditions)
 - Easy to install
 - Cost only a few dollars per wheel
 - Pays for itself in just one unnecessary re-torque procedure
- P/N 660-02029**

Vehicle Back-Up Alarm



- Available with universal mounting and heavy gauge steel mounting brackets
 - Alarms meet SAE J994 and OSHA requirements for motor vehicles and construction and material handling equipment
 - 12-48 VDC, 97 dB
 - 2.9" diameter x 2.4" deep
- Designed for multi-volt operation and low current draw
 - The nickel-plated terminal inserts are hermetically sealed, and the housing is environmentally sealed offering superior resistance to the elements
- P/N 608-70026 Federal Signal 210331**

120 Volt Outlet at Boom Tip



- P/N 596-50009 features a reset button
 - P/N 606-90005 is a commercial grade, gray aluminum cover plate that is weatherproof
 - P/N 606-00019 features three holes and heavy duty, construction
- P/N 596-50009 Decora Plus Duplex Receptacle Outlet**
P/N 606-00019 Electronic Enclosure Box; Waterproof
P/N 606-90005 Electronic Enclosure Cover; Waterproof/P/N 596-50009 Outlet

Cooler Truck Racks



- Made of sheet metal and features an easy to attach strap and buckle design
 - Rack sizes are available to fit the 2, 5, and 10 gallon water coolers
- P/N 685-00016 Fits cooler P/N 0685-00015**
P/N 685-00022 Fits cooler P/N 9000-00213
P/N 9700-47680 Replacement Strap

Cooler Truck Racks



- Attaches to your truck for mobility of beverage coolers, and is less bulky than the average rack
- The metal strips are lightweight, yet durable, and the loop holes fit a black belt fitted with a very strong metal clasp

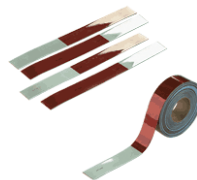
P/N 685-00004 Fits Coolers 685-00012, 685-00015
P/N 9000-06335 Fits Cooler 9000-00213

Manual Pouch



- Flannel coated polyester with bound edges
 - Feature two back grommets for mounting to a truck cab
- P/N 99-60038**

3M™ Scotchlite™ Red & White Conspicuity DOT Tape



- Contains enough 3M™ Scotchlite™ tape to meet NHTSA requirements for marking trailer perimeter at side and rear
 - Excellent visibility, even at a 45° angle
 - Use on trailers up to 57' adhesive backing for easy application
 - Kit contains 2" x 75' roll of tape in an alternating block pattern of red and white, four 2" x 12" corner strips, squeegee and instructions
- DOT certified
- P/N 660-60023 Northern Tool 17170**

OSHA requires wheel chocks for vehicles over 3/4 ton when parked on an incline or when being loaded or unloaded by a power lift. Make sure your vehicle or trailer is properly chocked with these sturdy chocks.



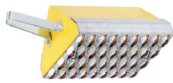
P/N 9000-70175



P/N 0660-01017



P/N 0660-01023



P/N 9000-70327



P/N 660-01044



P/N 8140-00728

Attec offers a wide selection of chocks with options that include shape of chock, hollow or solid, and handle configuration. To order a wheel chock style that is not listed, please call 1-877-GO ALTEC.

- P/N 9000-07280 Wheel Chock (Wooden) with Metal Handle 9" x 10" x 5" 9 lbs.
- P/N 9000-70175 Wheel Chock (Wooden), Metal Handle/Thru Bolts 9" x 10" x 5" 9 lbs.
- P/N 9000-06409 Spiked Shoes add extra grip for icy surfaces and loose dirt or gravel (order two per chock) 1 lb. each
- P/N 0660-01017 Rubber Wheel Chock with Metal Hairpin Handle Designed for use with up to a 17" tire size 9 3/4" x 7 3/4" x 5" 10 lbs.
- P/N 0660-01023 Metal Wheel Chocks 9" x 11" x 5" 10 lbs.
- P/N 9000-70327 Wheel Chock (Hardwood) with Steel Tread 6" x 9" x 10" 11 lbs.
- P/N 660-01044 Steel Wheel Chock 9" deep x 10" high x 12 3/4" tall
- P/N 8140-00728 Rubber Wheel Chocks Set of two chocks connected by rope 7 1/2" x 8" x 10"

DIMENSIONS™ DC to AC Inverters

All inverters on this page convert 12 VDC to 120 VAC. These products use large TO-247 MOSFET technology, include patented construction and cooling methods, output circuit breakers, GFCI outlet protection, and are UL LISTED. Additional features include automatic short circuit/overload protection, automatic high temperature shutdown, and automatic low battery shutdown at 10.5 volts. Backed by manufacturer's four year warranty.

Pure Sine Inverters



- 16 Bit, 16 MHz microprocessor control
- Remote ON/OFF switch hookup
- LED indication of inverter power, low input voltage overload, and high temperature

P/N 9701-28968	ALT 12P2.5N	250 Watts
P/N 8939-51500	ALT 12/400N	400 Watts
P/N 7011-22129	ALT 12/800N	800 Watts
P/N 7011-22118	ALT 12/1200N	1200 Watts



- Remote ON/OFF switch hookup
- 16 Bit, 16 MHz microprocessor control
- LED indication of inverter power, low input voltage overload, and high temperature
- Battery voltage indicator with push-to-test

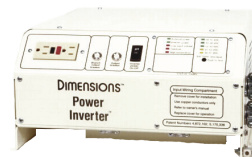
P/N 604-60006	ALT 12/1800N	120 VAC	1800 Watts
P/N 9000-00211	ALT 12/2400N	120 VAC	2400 Watts
P/N 0604-60002	ALT 12/3000N	120 VAC	3000 Watts
P/N 7011-22131	ALT 12/3600N	120 VAC	3600 Watts

Quasi-Sine Inverters



- Remote ON/OFF switch hookup
- LED indication of inverter power, low input voltage overload, and high temperature
- Battery voltage indicator with push-to-test

P/N 8939-77900	ALT 12X16U	1600 Watts
P/N 0604-60023	ALT 12X20U	2000 Watts
P/N 0604-60001	ALT 12X25U	2500 Watts
P/N 0604-60003	ALT 12X30U	3000 Watts
P/N 8939-77900	1600 watts	



- Remote ON/OFF switch hookup
- LED indication of inverter power, low input voltage overload, and high temperature
- Battery voltage indicator with push-to-test

P/N 8110-01074	ALT 12/3600	3600 Watts
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Automatic Throttle Control System



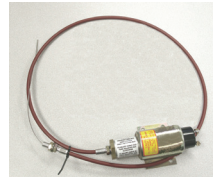
- Increases engine RPM, only while in park or neutral, in order to provide higher output of the alternator under heavy electrical loading conditions
- Auto-throttles can be used on many types of vehicles and are an excellent choice for applications using DC to AC inverters
- When equipped with the optional

VoltGuard(R) Electronic Low Battery Voltage Actuator, the automatic throttle activates when the vehicle's voltage drops below 12.6 Vdc and returns to idle after voltage exceeds 13.2 VDC

- Heavy Duty Automatic Throttle System consists of the solenoid/ cable assembly and the control module assembly

P/N 683-70043 Inverter Throttle Control, Complete

Solenoid/Cable Assembly



**P/N 8110-00976
Solenoid/Cable Assembly
with Chain and Tube, 12 VDC**

A-Series Voltage Regulator



- A-Series Voltage Regulator, used on all A-30, A40, and A60 Models
- Also compatible with TA Series Dynamic inverter as a bypass regulator, for use when inverter has been removed

P/N 683-70053 Universal Regulator

Generators

Honda EM5000 SXK2A Deluxe Generator



- Honda 11HP GX340 337cc engine features a single cylinder, an overhead valve, oil alert, electric start, and is air-cooled
- Runs 8.3 hrs. on 6.6 gallons fuel
- 120/240V selector switch

P/N 683-70090 Generator
P/N 9700-36681 Remote Start Kit

Honda EM3800 SXA Generator



- Honda 8HP GX240 242cc engine features a single cylinder, an overhead valve, oil alert, electric start, and is air-cooled
- Automatic voltage regulator
- Runs 10.4 hours at 3300W rated load on 6.6 gallons fuel
- Simultaneous AC/DC use; 120/240V switch

P/N 9700-36680 Generator
P/N 9700-36681 Remote Start

Honda EU3000IS Generator



- Honda 6.5 HP single cylinder engine features 196 cc displacement, electronic ignition, simultaneous AD/DC use, electronic circuit breakers, inverter (computer friendly), an automatic voltage regulator, and air-cooling

- Runs 7.2 hours (2800W rated load) on 3.4 gallons fuel
- **P/N 9701-34629** also features the best keyless remote start available in the industry with a range of 400' - with obstructions

P/N 9700-34236 Generator
P/N 9701-34629 Features Wireless Remote Start

Cummins 7.0 HGJAD-2560 Generator



- Integrated hydraulic pump option (pictured)
- Quiet; low vibration; enclosed muffler
- Electronic governor for voltage stability and frequency control; self-diagnostic capability
- Electric fuel injection for hot, cold start capability

P/N 9701-39024 HGJAD-2560

REDI-LINE 1600 Watt Generator



- Operate from vehicle batteries and convert DC power to AC to run power tools, appliances and electrical equipment where commercial AC power is not conveniently available
- Encased in rugged, steel enclosures, and constructed for long life with

minimum maintenance

- Compact and whisper quiet, and, unlike gasoline engine driven generators, produce no dangerous fumes or exhaust
- Can be mounted in any position - even up-side-down
- Advanced demand start circuit is sensitive enough to activate the generator even with variable speed power tools

P/N 8110-00347

Sahara Heater - Model VN-301



- Low watt model
- 800 watt reduced to 300 watt
- Solid steel construction
- Inrush: 13 amps reduced to 3 amps
- 5200 BTU
- 110 - 120 volts
- 6" x 5" x 5"

P/N 704-20409

Sahara Heater - Model TL-290



- 1500w reduced to 350 watt
- Solid steel construction
- Inrush: 13 amps reduced to 3 amps
- 5200 BTU
- 110 - 120 volts
- 6" x 5" x 5"
- Specifically designed for bucket trucks and aerial lifts

P/N 704-20399

Platform Equipment

Platform Rest Tube



keep
con

P/N 704-20353 24" Long
P/N 704-20463 36" Long



Heavy Duty Fiberglass Step - Inside Mount



- Heavy duty fiberglass step supports 300-400 lbs.
- Designed to fit on the inside, over the lip of the bucket
- Removable step is covered in durable, attractive, white plastic finish
- Features the black sure-step grit to prevent slipping
- 7.5" wide, 24.25" total length, 1/4" thick, 5.75" length of lip on back side

P/N 9000-06090

Splicer's Seat & Toolbox



- 40% lighter than traditional wooden models
- Molded from durable, impact resistant plastic, it is virtually indestructible
- Impervious to oils, dirt, grease and a broad range of chemicals
- Opening is large enough to stow tools inside, but small enough to prevent them from falling out
- P/N 9701-75155 padded seat with tool pockets offers a large pocket that holds connectors, three tool pockets to store drivers, pliers and other small hand tools, and a leather knife sheath with a screwdriver holder and a quick release snap

P/N 9700-82370 SST-10 Splicer's Toolbox
P/N 9701-75155 212003 Seat - Extra Padding

Interior Step



- An ideal way to make exiting and entering a platform easy and safe
- Step fits in the corner of all standard platforms
- Made of impact-resistant lexan
- Dielectrically safe
- Dimensions: 27 1/2" x 13 1/2" x 3/8"

P/N 9000-11100

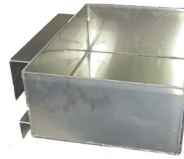
Cover for Upper Controls



- Features a metal hold-down strap
- Metal construction

P/N 716-50547 Kit Includes Cover and Hardware
 P/N 716-60128 Replacement Cover Only

Altec Platform Mounted Aluminum Battery Box Tray



- 14" x 20" x 7"
- Handle adds 3"
- Heavy duty aluminum construction

P/N 9000-07709

Splicer Platform Canopy & Curtain Assemblies



- This durable canopy and curtain assembly is for use with aerial platforms and helps protect workers from severe weather conditions, year around
- Canopy and rod are constructed of durable fiberglass for long service in the field
- Platform curtains are constructed of durable, heavy duty vinyl
- Platform curtains are easily attached to the canopy with velcro

P/N 704-20916 Weldmont; Canopy Mounting Bracket; Gravity Leveled Splicer
 P/N 235-42001 Detent Pin; .38" Overall Diameter; 2.5" Long
 P/N 234-10002 Cable Assembly; .06" Diameter; 6' Long
 P/N 704-20954 Canopy Assembly;
 P/N 205-00013 Aluminum Rivet; Flange Domed Head; .57" Long; .19" Diameter

P/N 704-20915 Square Kit - Includes:

- (26) P/N 205-50003 Washer, Blind Rivet, .125
- (26) P/N 205-00007 Rivet, 1/8" Diameter
- (26) P/N 202-90017 Receptacle, Male, Snap
- (2) P/N 203-91210 Nut, Heavy Hex, Nylon Top Lock
- (4) P/N 204-01205 Washer, Flat, .375 x .625 x .050
- (2) P/N 200-31216 Capscrew, Hex
- (1) P/N 84-31029 Tubing Square 1 3/4 x .125
- (1) P/N 704-20914 Canopy, Side Hung, 26" x 30"

Curtains for Square Kit:

- (1) P/N 704-20876 Platform Door Curtain
- (1) P/N 704-20877 Canopy Curtain

P/N 704-90998 D-Shaped Kit - Includes:

- (1) P/N 704-12764 Cap, Ribbed, Round
- (1) P/N 704-12763 Knob, Four Arm
- (4) P/N 203-91023 Nut, Hex
- (8) P/N 204-01006 Washer, Flat, 1/4"
- (4) P/N 202-21003 Capscrew, Hex
- (2) P/N 704-12761 Plate, Canopy, D-Shape
- (1) P/N 704-12757 Canopy Pole Weldmont
- (1) P/N 704-12721 Canopy for Splicer Platform

P/N 704-90999 Curtain for D-Shaped Kit - Includes:

- (8) P/N 202-90017 Receptacle, Male, Snap
- (1) P/N 704-21266 Rotating D-Shape Curtain for AT 2__ trucks

205-00007

Vinyl Platform Cover



- Designed to fit Altec personnel platforms
- The polyester core is covered with vinyl
- Drawstraps and clamps allow for securing the covers to the platform

	<u>BLACK</u>	<u>YELLOW</u>	<u>ORANGE</u>
24" x 24" 1 man soft vinyl cover	P/N 706-80049	P/N 9700-89632	P/N 704-20938
24" x 30" 1 1/2 man soft vinyl cover	P/N 704-20070	P/N 9700-89633	P/N 9700-89628
24" x 48" 2 man soft vinyl cover	P/N 704-20069	P/N 704-20940	P/N 9700-89629
Derrick soft vinyl cover*	P/N 706-80005	P/N 9700-89634	P/N 9700-89630
Derrick soft vinyl cover**	P/N 706-80616		

* For Derricks built before 01/2003

**For Derricks built after 01/2003

Vinyl-Coated Nylon Platform Cover



- This soft, vinyl-coated water-shedding cover keeps rain, sleet, and snow out of the platform
- Includes a 4' lanyard with brass swivel snap and a 3/4" elastic rope sewn into the hem
- Reversible cover to give twice the life
- 2" thick piece of foam sewn in

	<u>BLACK</u>	<u>YELLOW</u>	<u>ORANGE</u>
24" x 24" 1 man vinyl-coated nylon cover	P/N 9000-67010	P/N 9700-89635	P/N 9700-89651
24" x 30" 1 1/2 man vinyl-coated nylon cover	P/N 7054-00386	P/N 9700-89641	P/N 9700-89653
24" x 48" 2 man vinyl-coated nylon cover	P/N 8130-00603	P/N 9700-89642	P/N 9700-89655

Heavy Vinyl-Coated Nylon Platform Cover



- This heavy vinyl coated cover comes equipped with a lanyard a snap hook to keep the cover with the truck
- Hem has a heavy bungee cord to maintain a tight fit

	<u>BLACK</u>	<u>YELLOW</u>	<u>ORANGE</u>
24" x 24" Fits 1 or 1 1/2 man platform (rectangular)	P/N 7017-03102	P/N 8851-02711	P/N 9700-89685
24" x 30" Fits 1 1/2 man platform (circular in shape)	P/N 706-80468	P/N 9000-99959	P/N 9700-89696
24" x 48" Fits 2 man platform	P/N 706-80469	P/N 8851-20004	P/N 9700-89705
Fits 6 sided platform	P/N 704-20071		
Fits digger derrick platforms with brake cover	P/N 706-80472		

Rigid Polyethylene Platform Cover



- Keeps the platform dry when not in use, sealing the bucket against rain, ice and snow
- Easy to install and remove
- May be installed with or without the liner in place
- Replacement strap sets are available

P/N 0704-20067	Fits a one man platform
P/N 0704-20695	Fits a 1 1/2 man platform
P/N 0704-20066	Fits a two man platform
P/N 9000-65400	Fits a 6-sided platform
P/N 9000-99346	Replacement Strap for the 704-20067 and 9000-65400 cover
P/N 9000-99983	Replacement Strap for the 704-20695 cover
P/N 9000-99345	Replacement Strap for the 704-20066 cover

Round Soft Splicer Platform Cover



- Soft cover with control guide
- Round splicer platform cover
- Black

P/N 9000-68410

Rigid Oversized Platform Cover



- 54.5" x 30"
- Shock cord ensures that lid will stay with platform
- Rigid, polyethylene material
- Includes strap to secure lid to platform

P/N 9000-41104 Two Man Platform Cover

Heavy Reinforced Canvas Bag



- Designed for stashing left-over wire scraps and other work site throwaways
- The heavy reinforced-canvas bag can hold up to one full bushel, yet fold flat to fit almost anywhere
- The two riveted side straps and carrying handles let you hang the bag up and secure it vertically as well

P/N 9000-06265

Heavy Reinforced Canvas Bag



- Reinforced canvas tool bag features five compartments
- Designed to hold tools related to compression projects
- Will also hold cable and bolt cutters and other hydraulic tools

- Plastic reinforced canvas construction
- Dimensions: 16" x 9" x 20"

P/N 9000-59022

Line Hose Bag



- Protects hose and guards with this line hose bag
- May be used for hoisting materials up and down poles

P/N 9000-27155
 P/N 9000-27150
 P/N 9700-80002
 P/N 9700-80001
 P/N 9000-27555
 P/N 9000-27550
 P/N 9700-80007
 P/N 9700-80003

8" x 48" with snap
 8" x 48" without snap
 8" x 66" with snap
 8" x 66" without snap
 12" x 48" with snap
 12" x 48" without snap
 12" x 66" with snap
 12" x 66" without snap

S Hooks



- Molded from a mixture of plastics and nylon that give them high breaking strength and excellent cold resistance
- Designed to hold platform accessories on both the inside and outside of the platform

- Fits most platforms with liners
- Virtually indestructible if used in normal conditions
- Stretches horizontally without breaking at 1,000 lbs.
- Retain physical properties up to 200° F and as low as -40° F

P/N 9000-01006

Heavy Reinforced Canvas Tool Buckets

Workers will find dozens of uses for these rugged round and oval canvas tool buckets. These canvas buckets are made from US grade #4 canvas with brass grommets. A solid non-conductive PVC ring maintains bucket shape. Round tool buckets with polypropylene rope are offered with a brass swivel snap.

Round Bucket with Rope & Brass Swivel Snap



P/N 9000-50304 8" x 12" (shown far left)
 P/N 9000-50320 12" x 15" (shown far left)
 P/N 9000-50340* 10.5" x 12"
 *Features 4 outside pockets

Oval Tool Buckets



• 14" x 7" x 9"
 • 5 inside pockets
 P/N 9000-50501

• 14" x 7" x 9"
 • 16 inside pockets
 • 13 outside pockets
 P/N 9000-51311

• 14" x 7" x 9"
 • 14 inside pockets
 • Web handles
 P/N 9000-50511



• 14" x 7" x 9"
 • 15 inside pockets
 P/N 9000-50516



• 14" x 7" x 9"
 • Rope and brass swivel snap
 P/N 9000-50506 6 inside pockets
 P/N 9000-51103 15 inside pockets

Mini Canvas Tool Buckets



- Mini tool bucket for connectors, nuts, washers and other small items
- Durable composite plastic base, rope handle

P/N 7019-93015 Canvas
 P/N 9700-89243 Black

Aerial Tool Bucket



- 15" x 7" x 9" oval tool bucket with rope and brass swivel snap
- 15 outside pockets; 26 inside pockets
- Made from US grade #4 canvas with brass grommets

P/N 9700-79999

Altec Aerial "S" Hooks



- Holds accessories on both the inside and outside of the platform
- Tough nylon provides strength and excellent cold resistance
- Virtually indestructible if used in normal conditions

P/N 704-20456

Rigid Vinyl Tool Bucket - Oval with Web Handles



- 14" x 7" x 9" oval tool bucket
- 13 inside pockets; 13 outside pockets
- Molded rubber runners on bottom
- Web handles

P/N 9000-65703

Rigid Vinyl Tool Bucket - Round



- 14 1/2" tall x 11 3/4" diameter round tool bucket
- Features brass grommets and rope with a brass swivel snap
- Molded rubber runners on bottom

P/N 9700-98046

Blackwrap Oval Aerial Bucket



- 14" x 7" x 9"
- 14 inside pockets
- Made of materials bonding heavy-duty canvas with durable plastic
- Flexible and lightweight
- Constructed with a non-conductive solid PVC

top ring, two brass grommets to reinforce the hanger holes, and a unitized bottom

P/N 9000-45120

Vinyl Polyester Tool Roll



- This tool roll offers a convenient way to carry dozens of tools in four different pockets
- White vinyl poly shell is water repellent, strong and lightweight
- Each pocket measures 5" x 12" x 2.5"
- Tool roll dimensions: 28" x 14"

P/N 9000-11700

Safety Hook



- Holds accessories on both the inside and outside of the platform
- Tough nylon provides strength and excellent cold resistance
- Virtually indestructible if used in normal conditions
- 11" x 5.75" (7" including small hook)

P/N 9007-00002

Rigid Vinyl Tool Bucket - Oval with Brass Grommets for Hooks



- 14" x 7" x 9" oval tool bucket
- 13 inside pockets
- Brass grommets for use with hooks to attach bucket to platform
- Molded rubber runners on bottom

P/N 9700-98047

Blackwrap Oval Tool Bucket



- 14" x 7" x 9" oval tool bucket
- 13 outside pockets
- Nylon webbing handles
- Molded rubber runners on bottom
- Heavy-duty canvas bonded with durable plastic

P/N 9700-79998

Fuse Holder Bag



- Marine finish contains a special additive that gives 2-3 times greater water repellancy and mildew resistance than regular finish canvas
- Includes flap for added protection



P/N 9700-82768

Heavy Duty Canvas Bag



- Heavy duty canvas construction
- 8 pouches with elastic tops to retain materials
- Oversized openings for easy entry with gloves
- Designed to fit inside the 4" deep door on the basket
- 17" long, 4" wide, 28" deep

P/N 9910-01204

Tool Organizer Boards

- Save precious space in the platform and still keep tools within reach
- Made of co-extruded ABS, the tray is light and durable with superior cold weather characteristics
- Fits all platforms 18" x 20"



P/N 9000-11500



P/N 9000-11540
w/polyboard and brackets



P/N 9000-11510



P/N 9000-11530



P/N 9000-11550



P/N 9000-11520



P/N 9000-11515

Tool Organizer Boards

- These tool boards not only help eliminate back strain, but also help keep tools organized
- These trays were designed to hang from the top lip of any platform and offer an ergonomic support
- Linemen are able to lean up against the support and brace themselves while working in the platform for long periods of time
- These tool organizers help eliminate the need for toe space in the platform



P/N 9000-72401
Basic model



P/N 9000-72400
w/Vinyl Apron



P/N 9000-72405
w/tool holders

Tool Trays

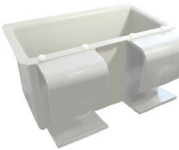
When tools are stored in these polyethylene tool trays, work is easier and more efficient. Made from high-density polyethylene, these trays are impervious to hydraulic oil, motor oil, and a broad range of chemicals. These trays are also cold resistant and UV protected. The trays have been designed to fit most platforms with or without a liner. Several sizes and shapes are available.



- Dimensions:
19" (a) x 8" (b) x 8" (c) x 2 1/2" (d)
- P/N 9000-41112 Without Pockets, Inside Mount
- P/N 9000-41110 Without Pockets, Outside Mount
- P/N 9000-41211 7 pocket pouch, Outside Mount
- P/N 9000-41212 9 pocket pouch, Outside Mount



- Dimensions:
19" (a) x 8" (b) x 8" (c) x 2 1/2" (d)
- Tool tray hung by hooks (not included)
- P/N 9000-41114



- 16.25" L x 11" W x 8.5" H
- Platform mounted tool tray mounts on the outside
- P/N 9000-41105



- Soft cover for tool trays P/N 9000-41110 and P/N 9000-41112
- P/N 9000-68710



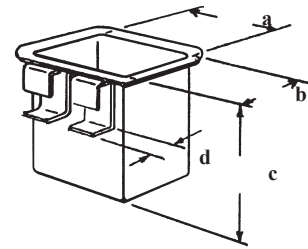
- Dimensions:
20" (a) x 14" (b) x 8" (c) x 2 1/2" (d)
- Double tool tray with outside mount
- P/N 9000-41120



- Dimensions:
15" (a) x 7" (b) x 17" (c) x 2 1/2" (d)
- Deep tool tray with outside mount
- P/N 9000-41140



- Dimensions:
16.5" (a) x 9" (b) x 9" (c) x 2.5" (d)
- Platform mounted tray with lid
- P/N 9000-41400



- Dimensions:
7.5" (a) x 4" (b) x 6" (c) x 2.5" (d)
- Platform tray mounted outside
- Great for small hardware items

P/N 9000-41500



- Dimensions:
7.5" (a) x 7.5" (b) x 14" (c) x 2.5" (d)
- Platform tray mounted outside
- Great for small hardware items

P/N 9000-41510



- 19" long, 8" wide, 8" deep
- Polyethelene tool tray
- Use with all types of rotating splicer baskets

P/N 9000-41180 Tool Tray
P/N 9000-41181 Tool Tray w/canvas pouch



Jameson Tool Tray with Adjustable Dividers



- Fixed bucket mount
- Adjustable interior dividers
- Dimensions: 23" x 14" x 8"
- Fits over the edge of a platform bucket
- Water repellent and UV resistant
- Designed to withstand extreme weather conditions

P/N 9700-97916

Jameson Impact Tool Holder



- Adjustable clamp bracket allows holder to fit any size platform
- 10" x 6.5" x 8.75" tool holder
- Thermo vacuum formed plastic
- A perfect fit for any impact wrench

P/N 9700-92607 Tool Holder
P/N 9700-92610 Tool Holder w/Scabbard

Impact Wrench Holder



- Specifically designed to stand up to weather and sunlight
- Made of a polymer material with excellent dielectric, cold weather and UV properties

P/N 9000-11200 Shallow Outside Mount
P/N 9000-11201 Shallow Inside Mount
P/N 9000-11203 Outside Mount w/Locking Clips

Hydraulic Impact Wrench & Drill Holster



- This hydraulic impact wrench and drill holster attaches to the lip of any bucket, with or without a liner
- These holders can be mounted either inside or outside and used right or left handed
- Includes velcro hold down strap to keep wrench in place



P/N 7054-00306 Top Photo
P/N 8130-00204 Bottom Photo

Lighting

12.6 Joule Double Flash Strobe Beacon



- Polycarbonate dome and metal base are durable and corrosion resistant
- Strobe tube is housed in a silicone base that absorbs vibration
- Double flash strobe
- Tall with permanent mount

P/N 684-51059 12.6 Joule strobe
P/N 684-51039 Replacement tube

12.6 or 14.6 Joule Strobe Beacon



- Polycarbonate dome and metal base are durable and corrosion resistant
- Strobe tube is housed in a silicone base that absorbs vibration

P/N 8100-00540 12.6 Joule strobe
P/N 684-51065 14.6 Joule strobe
P/N 684-51039 Replacement tube

Truck-Lite 30 Series Marker & Clearance Lamp



- Wabash & Monon replacement
- "ABS" version complies with FMVSS 108 requirement for ABS malfunction indicator lamp on trailer and ABS braking systems
- 12 volt 15,000 hour rated bulb life

• Lamp designed for PC requirements on a 45 degree angle
P/N 684-21034 30200R Red, 2" Diameter; 12v
P/N 684-21044 30200R Yellow, 2" Diameter; 12v

Double Flash Strobe Beacon with Helical Strobe Tube



- Helical strobe tube and polycarbonate dome for maximum light emission
- Meets SAE J1318 requirements for Class 2
- Dimensions: 5.7" high x 6.6" diameter
- Double flash, 12 - 48 VDC
- Attached branch guard; black dome top

P/N 684-51081 Strobe beacon
P/N 684-51082 Replacement flash tube

Truck-Lite 10 Series Reflectorized Marker & Clearance Lamp



- Lens & housing are sonically sealed
- High impact polycarbonate construction
- 12 volt 15,000 hour rated bulb life
- 15,000 hour rated 12v bulb life
- 12v designed at 14v, .33 amp, 2 cp
- 24v designed at 28v, .17 amp, 3 cp

P/N 684-21016 10205R Red, 2 1/2" Diameter; 12v

Truck-Lite Model 40 4" Sealed



- Polycarbonate lens & housing are vibration sealed
- Bulb is shock mounted for extended life
- Legal only for back-up function
- Not recommended for dome lamp use

P/N 7011-10017 40204 Clear, 12V

LiteBox[®] Standard System



- Provides a powerful output combined with a long run time
- High-intensity halogen bulb
- 7.4 lbs. (with battery)
- Dimensions: 11.5" (L) x 5.1" (W) x 7.0" (H)
- High impact ABS thermoplastic case with

- rubberized impact bumper, lens ring and cushioned grip handle
- 6 volt battery, rechargeable up to 500 times
- Standard system includes 120 volt AC, 12 volt DC chargers, shoulder strap and mounting rack
- Charging/mounting racks meet NFPA 1901-10-1.7 requirements

Standard System:

- P/N 9000-21100 8 Watt Spot, Yellow
- P/N 9000-21101 8 Watt Spot, Orange
- P/N 9000-21105 20 Watt Spot, Yellow
- P/N 9000-21106 20 Watt Spot, Orange
- P/N 9000-99316 Replacement Battery
- P/N 9000-45901 Replacement 100 Hour, 8 watt Bi-Pin Bulb
- P/N 9700-18242 Replacement 100 Hour, 20 watt Bi-Pin Bulb
- P/N 9700-71999 Replacement 300 Hour, 8 watt Bi-Pin Bulb

Septor[®] LED Headlamp



- The Septor[®] LED Headlamp is designed for comfort and durability
- The adjustable, flexible, lightweight straps can be worn on the head or around the hard hat
- The high-powered professional grade headlamp allows you to choose 1, 3, or 7 LEDs - offering power, versatility, and longevity to

- accomplish any task
- Powered by 3 "AAA" alkaline batteries (included)
- Seven 100,000 hour life ultra-bright, white LEDs
- 17.5 lumens typical (7 LEDs), 7.5 lumens typical (3 LEDs), 2.5 lumens typical (1 LED)
- Runs up to 150 hours (single LED)
- Adjustable elastic head strap and rubber hard hat strap
- Facecap diameter: 1.86"
- P/N 9000-61007

SignalMaster Directional Lighting



- 51" halogen, 8 lamps
- P/N 684-51061 includes SignalMaster controller and 30' cable
- Patterns: left, right, center-out, and flashing warning
- Low power mode for nighttime operation
- Fast mode increases the speed of the warning patterns

- P/N 9000-03112 Federal Signal 321112
- P/N 684-51061 Federal Signal 322612

Vehicle Mount System



- Same overall features as the standard LiteBox[®] system
- Includes truck mountable 12 volt DC direct wire mounting rack and shoulder strap
- P/N 9000-21110 8 Watt Spot, Yellow
- P/N 9000-21111 8 Watt, Spot, Orange
- P/N 9000-21115 20 Watt, Spot, Yellow
- P/N 9000-21116 20 Watt, Spot, Orange

LiteBox[®] Holder



- Designed to conveniently hold the Streamlight LiteBox[®] onto the platform
- Made of a polymer material with excellent dielectric, cold weather, and UV properties
- Mounts on the outside of the platform

- P/N 7052-01144 For a LiteBox[®] without D-rings on the Handle
- P/N 7052-01231 For a LiteBox[®] with D-rings on the Handle

Argo[®] Luxeon[®] Headlamp



- Features Streamlight's Luxeon technology for the long life and reliability of an LED with the brightness and range of a conventional bulb
- Three digitally controlled brightness levels, a durable compact case, and rubber and elastic head straps for use with hard hats
- Powered by 3 "AAA" alkaline batteries

- (included); LED battery life indicator
- One watt Luxeon[®] LED
- Three brightness levels: 24 lumens (1 hour runtime), 12 lumens (2.5 hours), 6 lumens (6.5 hours)
- 2.15" x 2.9" x 2.25"
- Adjustable elastic head strap and rubber hard hat strap
- 90° tilting head
- P/N 9000-61301

4" Round & 6" Oval LED Lights



- High-impact resistant polycarbonate housing
- Kits include LED Light Head, rubber mounting grommet, and a sealed wire harness
- Low amp draw
- Reflector-cell technology enhances brightness
- Enhanced lens design for a full, uniform light pattern
- Also available in other models and colors
- P/N 684-51114 607123-02 4" Round Amber
- P/N 684-51115 607101-02 6" Oval Amber
- P/N 692-93994 Mounting Bracket

Stinger® Series

The Stinger® rechargeable flashlights offer many advantages of a full size light, but in a case the length of your palm. Stinger® flashlights are in a non-conductive case with non-slip grip and weigh less than other comparable flashlights. The new HP, or High Performance version of the Stinger®, and Stinger® XT do the same job, but with almost three times the candlepower for an even stronger beam of up to 40,000. Continuous run time of one hour.

Stinger®



- 3.6 volt Nickel-cadmium battery, rechargeable up to 1,000 times
- 10 ounces with battery
- Length: 7.4"
- 1 hour of continuous use between charges
- Up to 15,000 candlepower

P/N 9000-75022 Stinger® with DC Fast Charger

P/N 9000-75021 Stinger® with AC Fast Charger

P/N 9000-75024 Stinger® with AC/DC Fast Charger

PolyStinger



- 3.6 volt Nickel-cadmium battery, rechargeable up to 1,000 times
- Spare bulb in tail cap
- 8.7 oz. with battery
- Length: 7.4"
- 1 hour of continuous use between charges
- Up to 15,000 candlepower
- Available in black or yellow

P/N 9000-21700 PolyStinger™ with AC/DC Fast Charger, black

P/N 9000-21701 PolyStinger™ with AC/DC Fast Charger, yellow

Utility Light



- Specially designed for night work
- 200,000 candlepower halogen light produces 1 hour spot and 5 hours flood lighting
- Built in DC charger recharges in 8 hours
- Built in charger draws 12 volt DC or 120 volt AC
- Battery condition light glows green in use and turns red when power is low
- Head swivels 360°

- Constructed of weatherproof, non-conductive thermoplastic
- Also comes with a shatter guard and locking brackets to protect the light when platform is descending

P/N 9000-21222

Golight Portable Searchlight



- 400,000 candle power and 5.5 amps
- Offers 370° of rotation and 120° of tilt
- Programmable wireless remote
- UV and salt water resistant
- Comes with a suction cup, magnetic mount shoe, and a 15' cord with vehicle plug for 12v DC

P/N 7173-30015 Model 7901

Stinger® XT



- 3.6 volt Nickel-cadmium battery, rechargeable up to 1,000 times
- 11.1 oz. with battery
- Length: 7.7"
- 1 hour of continuous use between charges
- Up to 15,000 candlepower

- Tail cap switch allows users to choose between momentary or constant operation

P/N 9000-75122 Stinger XT™ with DC Fast Charger

P/N 9000-75121 Stinger XT™ with AC Fast Charger

P/N 9000-75124 Stinger XT™ with AC/DC Fast Charger

UltraStinger



- 6.0 volt Nickel-cadmium battery, rechargeable up to 1,000 times
- 1.1 lbs. with battery
- Length: 11.75"
- 1 hour of continuous use between charges
- Up to 75,000 candlepower

P/N 9000-78014 UltraStinger™ with AC/DC Charger

Utility Light



- 110V Safety light allows workers to be dielectrically safe for confident use in areas with electrical contact risk
- Sealed beam bulb housing comes with a shatter guard
- Beam is diffused into a flood pattern for greater lighting capabilities
- Insulated housing is impact resistant and impervious to corrosion
- Will mount anywhere on platform rim
- Comes standard with a 72" long cord

P/N 9000-21600 Standard cord

P/N 9000-21610 Extra long cord

3M Diamond Grade Signs



- Features a visible-activated fluorescent wide angle prismatic lens reflective sheeting designed for the production of roll up traffic control signs
- Sheeting provides higher nighttime sign brightness
- Features higher daytime brightness than ordinary (non-fluorescent) colored sheeting

P/N 9701-56002 3M Diamond Grade 48" x 48"; 24/7 "Utility Construction Ahead"

SafeZone Series Stop-N-Slow Paddles with 84" Tele-Poles



- Sign faces are made from BONELIGHT ACM
- High intensity sign faces
- The lightweight ACM material allows for a superior bond and requires no flame treating
- Tele-Pole features a quick coupling that allows telescoping to 84" and compact storage

P/N 9701-56012 STOP-1884HI 18"; "Stop/Slow"
 P/N 9701-56013 STOP-2484HI 24"; "Stop/Slow"

Sign Carry Bag for 48" Sign



- Made of heavy duty fabric to protect signs
- Mildew and rot resistant

P/N 9701-56015 SIG-BAG48

High Intensity Signs



- 3M Roll Up Hi-Intensity Sign Sheeting Series RS30 consists of retro-reflective microprisms formed on a flexible glossy and UV-stabilized polymeric film
- Sheeting provides higher nighttime sign brightness
- Sheeting features a protective film on the faceside and is backed with a heavy duty vinyl coated fabric

P/N 9701-56003 Hi-intensity; Reflective; 48" x 48"; 24/7 "Utility Construction Ahead"
 P/N 9701-56004 Hi-intensity; Reflective; 48" x 48"; 24/7 "Right Lane Closed Ahead"
 P/N 9701-56005 Hi-intensity; Reflective; 48" x 48"; 24/7 "Utility Work 1000 Ft"
 P/N 9701-56010 Hi-intensity; Reflective; 48" x 48"; 24/7 "Flagger Ahead"
 P/N 9701-56011 Hi-intensity; Reflective; 48" x 48"; 24/7 "Worker Ahead"

SafeZone Series Overlay Signs



- Overlay panels attach to sign faces with durable, weather-resistant brass snap button fasteners; Velcro may be used upon request
- Designed to attach to the back of

Bone Safety signs for storage

- Overlay consists of retro-reflective microprisms formed on a flexible glossy and UV-stabilized polymeric film
- Overlays for 48" signs; overlays for other signs are available

P/N 9701-56006 R0830CO-S500FT "500 Ft."
 P/N 9701-56007 R0722CO-S-LEFT "Left"

Springless Sign Stand with Auto Latch



- A super lightweight, compact springless sign stand for use with roll-up signs
- Easy to use and easy to store
- Quick deployment

P/N 9701-56009 SZ-412

Single Spring Stand with Auto Latch



- The single spring-loaded version of P/N 9701-56009
- Single coil spring adds additional weight and redundancy to compensate for increased wind loads

P/N 9701-56008 SZ-412-S

Universal Bracket with Sleeve



- Attaches to the SafeZone Series stand
- Allows the use of the SafeZone stands with most brands of roll-up signs

P/N 9701-56014

SZP-UB

Mesh signs and sign overlays also available. Call 1-877-GOALTEC for additional information.

Safety Cones



- Rugged, brightly colored safety cones
- Designed for many years of outside use
- Cones are constructed of day-glow red/orange PVC with two reflective collars
- 18", 28", and 36" tall cones available

P/N 9000-00215 18" Cone
 P/N 9000-00216 28" Cone
 P/N 9000-30042 36" Cone

Emergency Warning Triangle 3pk 1005



- Weighted base anchors the triangles
- No tools required for set-up
- Kit includes 3 triangles that fold flat
- Includes a compact plastic storage container

P/N 660-21044

James King Co. 1005

V-Gard Protective Hat



- Brim around entire cap helps keep rain and sun off wearer's neck and ears
- Short front brim allows unimpeded vision
- Ratchet suspension adjusts size
- Nylon crown suspension straps fit comfortably
- Lightweight and balanced

P/N 9000-75369 White
 P/N 9000-55366 Yellow
 P/N 9000-21292 Orange

V-Gard Protective Cap



- Ratchet suspension adjusts size quickly and easily
- Nylon crown suspension straps fit comfortably
- Lightweight and balanced for all day wear

P/N 9000-47538 White
 P/N 9000-75360 Yellow
 P/N 9000-00182 White w/Attec Logo

Igloo Water Coolers



- Sturdy plastic water coolers will help you keep plenty of fresh drinking water on hand at the job site
- Constructed of durable plastic that won't rust or fade in direct sunlight
- A sanitary white liner is surrounded by insulation, which helps keep beverages cool
- Feature a wide-mouth, pressure fit lid

with a mold-in contour handle that makes them easy to fill
 • A keeper cord is also included on the 5-gallon (P/N 685-00015) and the 10-gallon (P/N 9000-00213) models
 • "Drinking water" imprint meets OSHA requirements

P/N 685-00012 2 Gallon
 P/N 685-00025 3 Gallon
 P/N 685-00015 5 Gallon
 P/N 9000-00213 10 Gallon

Edge Safety Eyewear

Khor



- Engineered to absorb any high impact
- All Edge Eyewear glasses are compliant with ANSI Z87.1 2003 standards
- Lenses block 99.9% of UVA, UVB, and UVC rays

P/N 9701-55199 SDK115 Copper Lens
 P/N 9701-55200 SDK116 Smoke Lens
 P/N 9701-55201 SDK117 Silver Mirror Lens
 P/N 9701-55203 SDK118 Blue Mirror Lens
 P/N 9701-55204 SDK119 Aqua Precision Red Mirror Lens

Dakura Fire



- Engineered to absorb any high impact
- Tough Polycarbonate lenses compliant with ANSI Z87.1 2003 standards
- Sleek, wrap-around frame with no side shield distortion; flames on temples

P/N 9701-55205 SW116F Smoke Lens

Kazbek



- Engineered to absorb any high impact

P/N 9701-12904	SK112	Yellow Lens
P/N 9701-12907	SK116	Smoke Lens
P/N 9701-12908	SK117	Silver Mirror Lens
P/N 9701-12910	SK118	Blue Mirror Lens
P/N 9701-12914	SK119	Aqua Precision Red Mirror Lens

Delano



- Lightweight, ultra comfortable frames

P/N 9701-12968	SD111	Clear Lens
P/N 9701-12969	SD111-R	Anti-Reflective Lens
P/N 9701-12971	SD116	Smoke Lens

Dakura



- Combines a wrap-around frame for no side shield distortion with fog and scratch resistant coated lenses

P/N 9701-12945	SW112	Yellow Lens
P/N 9701-12947	SW116	Smoke Lens
P/N 9701-12950	SW117	Silver Mirror Lens
P/N 9701-12952	SW118	Blue Mirror Lens
P/N 9701-12958	SW119	Aqua Precision Red Mirror Lens

Kirova



- Lightweight frame and durable Nylon temples

P/N 9701-12973	AB112	Yellow Lens
P/N 9701-12975	AB116	Smoke Lens
P/N 9701-12977	AB117	Silver Mirror Lens
P/N 9701-12978	AB118	Blue Mirror Lens

Dakura Camouflage



- Combines a wrap-around frame for no side shield distortion with fog and scratch resistant coated lenses

P/N 9701-12960	SW111-CF	Clear Lens
P/N 9701-12964	SW112-CF	Yellow Lens
P/N 9701-12967	SW116-CF	Smoke Lens

Dakura Silver Frame Series



- Combines a wrap-around frame for no side shield distortion with fog and scratch resistant coated lenses

P/N 9701-12981	SW126	Smoke Lens
P/N 9701-12984	SW128	Blue Mirror Lens

Standards of Edge Eyewear:

- High Mass Impact - High impact spectacles shall be capable of resisting an impact from a pointed projectile weighing 500 grams dropped from a height of 50"
- Drop Ball Impact - Basic impact spectacle lenses shall be capable of resisting impact from a 1" diameter steel ball dropped from a height of 50"
- Resolving Power - Lenses shall be tested for resolving power. The NBS pattern is projected through a safety glass lens 35' away. The image must not shift and must remain clear and focused
- All Edge Eyewear glasses are compliant with ANSI Z87.1 2003 standards

Lens Selection:

- Yellow - Enhances available light, low light conditions, or after dusk driving
- Smoke - The perfect all-around tint for standard shading in normal light conditions
- Silver Mirror - Similar to Smoke lens properties, but has the added Silver Mirror lens coating which reflects more light, making it ideal for bright light conditions
- Blue Mirror - Similar to Silver Mirror lens, but has more reflecting power
- Aqua Precision Mirror - The Aqua-based color of this lens maximizes clarity and contrast; the technology for this lens was originally designed by NASA as a reflective coating for satellite portholes

Unique Features of Edge Eyewear:

- Straight temples that don't pinch
- Tapered lense eliminates refraction
- TR90, a flexible and durable compound material, is used for the frame
- Megol, a material that increases its "grip" as it becomes moist or warm, is used on the nose and rear portions of the frame
- Lenses block 99.9% of UVA, UVB, and UVC rays
- Fog resistant and scratch resistant lenses
- Wrap-around frame with no side shield distortion



Yellow

Smoke



Aqua Precision

Silver Mirror



Camouflage with Yellow

Blue Mirror

Nylon Harnesses & Lanyards



- Strong, dependable, nylon body harness provides personal safety to workers in aerial applications
- The harness is used to arrest accidental falls, and aids in work positioning, retrieval and repelling applications
- Basic harness with shoulder strap attachment fits most sizes
- Adjustment slide buckle on each vertical shoulder strap assures excellent fit
- Easy-to-adjust Velcro Chest Strap
- Interlocking buckles on leg strap attachment
- Fall arrest attachment features: a strong nylon web loop or a heavy duty D-ring (CSA approved)

IMPORTANT: Standard installation of lanyard to harness requires that a nylon loop be connected to a nylon loop and a metal "D" ring must be connected to a metal snap hook.

PLEASE NOTE: Nylon loop in center of harness back must be connected to lanyards by using a nylon loop on one end of the lanyard. Nylon loop connection is made by using a half hitch.

P/N 704-20871 Harness only (**NOT** CSA Approved)

P/N 9000-99351 Harness only (CSA Approved)

P/N 9000-88845 Harness & Lanyard Kit

P/N 9000-99600 Harness & Lanyard Kit (CSA approved)

Lanyard with Built-In Shock Absorber



P/N 704-20872

- When 600 lbs. of force is exerted, the shock absorbing lanyard begins to deploy and can extend an additional 3 1/2" maximum, before completely arresting the fall
- Buck-Stretch feature allows the user to have automatic adjustability with less than 7 lbs. of pull to the user's attachment point and allows for 28" of adjustability

- Not intended for work positioning, suspension or retrieval
- **P/N 704-20872** features a shock absorber built into the lanyard; the weight of the shock absorber is distributed across the entire length of the lanyard
- **P/N 9000-99352** features a built-in shock absorber in a stretchable lanyard and has locking snap hooks at each end; during a fall, when the elastic has reached its full length, the shock absorbing packet will deploy, reducing arresting force to less than 900 lbs.

****P/N 704-20872 8V716** Lanyard only (**NOT** CSA Approved)

*** P/N 9000-99352 8VV716** Lanyard only (CSA Approved)

ExoFit Full Body Harness



- Based on the concept of a single piece of material constructed in the shape of an "X" that wraps around you for the ultimate in no-tangle donning and comfortable security
- Made of soft and light-weight, yet extremely durable materials
- Exceeds OSHA and ANSI Z359.1 standards

P/N 9000-11101 Medium

P/N 9000-11112 Large

P/N 9000-11103 Extra Large

P/N 9000-11108 Arc-Resistant, Medium

P/N 9000-11109 Arc-Resistant, Large

P/N 9000-11107 Arc-Resistant, Extra Large

6' Flame Retardant Kevlar Lanyard for Exofit ARC Resistant Harnesses

- Web loop on one end
- Snap hook on the other end
- For use with the ARC Resistant Exofit Harness (**P/N 9000-11107**, **P/N 9000-11108**, and **P/N 9000-11109**)

P/N 9000-12205

Buckfit Safety Harness



- Unique harness designed with the user's safety, comfort, and ease of use in mind
- Adheres to Z359.1 standards
- Has Dri-lex lining to wick away moisture
- Mesh outer layer allows air circulation
- Adjustable chest/leg straps
- Holds its shape to ease donning and reduce or eliminate tangled straps or buckles

P/N 9000-60390 Medium

P/N 9000-60387 Large

P/N 9000-60389 Extra-Large

P/N 9000-60388 Lanyard



P/N 9000-99352 Lanyard only

Buckingham BuckSqueeze Wood Pole Fall Protection System



- Fall protection while climbing over obstacles
- Ease of adjustment for the distance from the pole
- Protects line personnel and offers ease of adjustment for the diameter of the pole while ascending or descending
- Rollers on the paddle tensioner and carabiner dee piece provide superior lateral movement

P/N 9701-10283 483D Distribution
 P/N 9701-42108 484T Transmission

Rainbow Creosote Remover for BuckSqueeze Fall Protection System



- Removes creosote buildup on BuckSqueeze
- Procedure to clean the strap:
 Spray strap until saturated

Let stand for 5 minutes
 Wet brush with water and scrub strap
 Rinse strap with fresh water (from hose)
 Let air dry
 Repeat this process as many times as needed

P/N 9701-69607 4305 Cleaner/Case of 12
 P/N 9000-70264 4494 Brush/Case of 12

Bashlin PARA-PAK Rescue Device



- A lightweight, self-contained rescue system for emergency evacuation of an aerial lift device
- Para-Pak includes the anchor carabiner, harness carabiner, tubular Kevlar rescue line that is arc resistant and easy to store with your choice of a mechanical or 4 hole friction device for descent control
- If the handle on the mechanical friction device is released the descent will halt
- Complete system comes in a lightweight low profile package that will fit neatly in the basket of the lift truck
- P/N 9701-64176 and P/N 9701-64179 Para-Pak Self Rescue from a Stranded Aerial Platform: this system provides a means of egress from a non-functioning aerial platform or lift; a 4 hole friction device is used to control the descent
- P/N 9701-64173 and P/N 9701-64174 Para-Pak-AL Self Rescue from a Stranded Aerial Platform: provides a means of egress from a non-functioning aerial platform or lift incorporating the added feature of stopping the descent when the operator control is released (hands free); a mechanical friction device is used to control the descent

P/N 9701-64173 SR683PKWL-75	Positive Control Descender	4.00 lbs.	75' of Line Length
P/N 9701-64174 SR683PKWL-150	Positive Control Descender	4.75 lbs.	150' of Line Length
P/N 9701-64176 SRPAK-75	Para-Pak with PED Descender	3.75 lbs.	75' of Line Length
P/N 9701-64179 SRPAK-150	Para-Pak with PED Descender	4.50 lbs.	150' of Line Length

These kits do not include harness nor lanyard. Both require harnesses that feature a front rappel point for self-rescue. Other line lengths are available. Please call 1-877-GO ALTEC for a quote.

Bashlin 77BCS Pole Climbing System



- Allows the maneuverability of free climbing, while providing a portable temporary anchor that moves with the lineman
- Lightweight and easy to adjust
- One size fits distribution and transmission poles
- A lineman uses his own belt and pole strap
- Components are field replaceable

P/N 9701-34847 77BCS

GP™ Specialty Cleaner



- A unique and effective replacement for 1,1,1, Trichloroethane and other chlorinated solvents
- An enhanced terpene-based cleaner engineered specifically for electrical and telcom cable cleaning
- Evaporates rapidly and leaves no residue, while exhibiting excellent solvency power on silicone and hydrocarbon greases, fluxes, varnishes, shield picks, adhesives, hand grime, and other organic soils
- Non-ozone depleting and non-carcinogenic
- Type GP™ Specialty Cleaner is ideal for electrical and telcom cleaning and degreasing situations where fast evaporation and high solvency power are crucial, yet a low flashpoint is acceptable
- No CFC's, HCFC'S, chlorinated solvents or other ozone-depleters; no perchloroethylene or other carcinogens; no residue, non-conductive, non-corrosive, non-freezing, non-staining
- Removes residues that can cause poor operation of electrical equipment
- Suitable replacement for chlorinated electrical and telecom cleaners

P/N 9701-76844 GP-16LF 16 fluid oz. bottle; flip top
 P/N 9701-76846 GP-35LF 1 quart bottle; flip top
 P/N 9701-76847 ST-R Trigger sprayer for bottles

HP™ Multipurpose Cleaner/Degreaser



- Specially formulated solvent for multi-purpose industrial, maintenance cleaning
- Replaces ozone-depleting CFC's, trichloroethane and other carcinogenic, chlorinated solvents
- Effectively cleans industrial grimes,

- greases, lubrication fluids, silicone, tars, adhesives, and fluxes
- Evaporates without residue and is essentially non-conductive
- Cleans transformer oils, corrosion inhibitor compounds, silicone grease, semi-conducting paints, and many other kinds of electrical grime
- Designed for all electrical and communications cleaning needs
- Suitable replacement for chlorinated electrical cleaners, cable cleaners, contact cleaners, and spray degreasers
- Contains no CFC's, HCFC'S, chlorinated solvents, perchloroethylene, or other ozone-depleting solvents
- Harmless to most plastics, including polycarbonate, ABS and polyethylene; no residue, non-conductive, non-corrosive, non-freezing, non-staining to metals

P/N 9701-76851 HP-16LF 16 fluid oz. bottle; flip top
 P/N 9701-76852 HP-35LF 1 quart bottle; flip top
 P/N 9701-76855 HPY-12 10.5 oz. Aerosol Can
 P/N 9701-76847 ST-R Trigger sprayer for bottles

FD™ Electrical Contact Cleaner



- A fast-drying, multi-purpose industrial and maintenance cleaner
- Replaces ozone-depleting CFC's, trichloroethane, HCFC's, perchloroethylene, and other carcinogenic chlorinated solvents
- Effectively dissolves industrial grimes, greases, lubrication fluids, silicone, tars, adhesives, and fluxes

- Evaporates quickly without a residue
- Suitable for use in electrical maintenance as a replacement for 1,1,1-trichloroethane
- Quickly cleans transformer oils, corrosion inhibitor compounds, silicone grease, semi-conducting paints, and many other kinds of electrical grime
- Contains no chlorinated solvents
- Non-conductive, non-corrosive, non-staining

P/N 9701-76848 FD-16LF 16 Fluid oz. Bottle; Flip Top
 P/N 9701-76849 FD-35LF 1 Quart Bottle; Flip Top
 P/N 9701-76850 FD-9 9 oz. Aerosol Can
 P/N 9701-76847 ST-R Trigger Sprayer for Bottles

Gear Shield



- Made for all types of open gears
- Designed for adverse conditions where gears are exposed to abrasive conditions such as quarry and mining operations
- NLGI Grade = 2
- 2000.0 SUS Viscosity at 100.0°F
- Drop Point (ASTM) = 370 °F

- Low-temp gear shield is for cold weather applications
- Anti-wear, anti-rust, anti-corrosion, and anti-oxidation properties
- Thickener & grease type = lithium
- Specific gravity = 0.9500 [Min], 0.9800 [Max]

P/N 99-00017

Rainbow Cleaner & Degreaser



- This highly concentrated citrus formula makes it ideal for general purpose cleaning on tools and equipment
- Its maximum cleaning power removes cable filling compounds, grease, oil, grime, printing inks, and more
- Being non-corrosive makes it safe for painted and non-painted surfaces

- Spray it liberally on the areas to be cleaned and wipe or rinse the dirt or contamination away with water

P/N 9701-69607 4305 20 Oz. Aerosol Case of 12

Conoco Super-STA M



- An adhesive, multipurpose, extreme-pressure (EP) lithium grease with good extreme-pressure and antiwear properties
- Contain a tackiness additive for improved retention, reduced leakage and enhanced resistance to water washout
- Manufactured with high quality paraffinic base oils and a lithium 12-hydroxystearate soap thickener
- Fortified with extreme-pressure and antiwear additives, rust and oxidation inhibitors, and a tackiness additive
- Good oxidation resistance, high load-carrying capacity for excellent wear protection, and protect metal parts against rust and corrosion
- Provide good adhesion to bearing surfaces for improved retention and resistance to water washout, and have excellent resistance to structural breakdown even under severe operating conditions
- Super-STA M is fortified with 1% molybdenum disulfide for extra protection under heavy or shock loading; it meets the performance requirements of the Mack MG-C specification for use as a chassis lubricant
- Super-STA M meets the performance requirements of: Mack Specification MG-C

P/N 99-00025 SUPER-STA M#2

Grime-Away™ Wipes



- Heavy-duty towelettes pre-moistened with a multi-purpose cleaning solution
- Feature a textured side to quickly remove greases, dirt, and grime from items such as tools, transformers, work surfaces, equipment, service vehicles, machinery, etc. and a softer side that moisturizes and is gentle on skin

Quickly Removes:

- Scum
- Transformer Oils
- Cable Gels
- Silicone Greases
- Oxide Inhibitors
- Dirt/Soil
- Adhesives
- Caulk
- Lubricants
- HDD Pipe Thread
- Grease
- Tar/Asphalt

P/N 9000-96202 Container of 72

Due to emollient residues, Grime-Away™ is not recommended as an electrical cable cleaner.



Rainbow Fast Dry Contact Cleaner



- This contact cleaner is Rainbow's most powerful cleaner available
- Quickly and effectively cleans sensitive electric and electronic components
- Ideal for applications where lower flash point solvents may be used
- Flammable

P/N 9701-69618

87020 16 Oz. Aerosol Case of 12

Rainbow Cable & Tool Cleaner



- A non-citrus cleaner that quickly removes flooding and sticky cable filling compound, c-cement, greases, lubricants, and other petroleum-based products from telecom, electrical, CATV cables and tools
- Non-corrosive and non-conductive up to 52,000 Volts; High flash point - 221°F
- Safe on sensitive plastics

P/N 9701-69621

4204 16 Oz. Aerosol Case of 12

P/N 9701-69624

4203 Quart Bottle Case of 12

P/N 9701-69625

4200 Towelette Box of 50

Hydraulic Return Filter



- Spin-on filter
- It is the Altec quality that makes these filters be used as replacement parts for almost every make of heavy equipment

P/N 353-30007

Gloves manufactured for outstanding protection, comfort, and long life

Incorporating high dielectric and physical strength, flexibility and durability, Salisbury rubber insulating gloves have earned the reputation for superior performance - meeting and exceeding the requirements of current ASTM D120 specifications and IEC EN60903 Standards.

Ordering the Right Gloves:

- Select class or maximum use voltage
- Select natural rubber (non-ozone resistant) or synthetic rubber (ozone resistant)
- Select length of glove
- Select single color or combination of inside and outside colors
- Select size of glove
- Select protector

Class Color	Proof Test Voltage AC/DC	Max. Use Voltage AC/DC
00 Beige	2,500/10,000	500/750
0 Red	5,000/20,000	1,000/1,500
1 White	10,000/40,000	7,500/11,250
2 Yellow	20,000/50,000	17,000/25,500
3 Green	30,000/60,000	26,500/39,750
4 Orange	40,000/70,000	36,000/54,000



* The contrast between the outer orange color and the inner blue color makes inspecting for cuts and tears easier when the glove is inflated or stretched.

DETERMINE YOUR GLOVE SIZE

Measure the circumference of your palm (hand laying flat), following a line across your knuckles.



Add 1" to this measurement, and this is your glove size.

For example, if you measure 9", add 1", and your glove size is size 10.

OSHA 1910.137 (B) (II)

"Insulating equipment shall be inspected before each days' use and immediately following any incident that can reasonably be suspected of having caused damage. Insulating gloves shall be given an air test along with inspection."

SALISBURY LINEMAN'S GLOVES - LOW VOLTAGE
ASTM Class 00 Gloves

Class	Length	Color	Size
E 00	11	R, B, BL, or BLO	7, 8, 8H, 9, 9H
E 00	14	R, B, BL, or BLO	10, 10H, 11, 11H, 12

R=Red B=Black: Type I Natural Rubber
BL=Blue BLO=Blue in, orange out: Type II SALCOR®
Example: E0011BL/8

SALISBURY LINEMAN'S GLOVES - LOW VOLTAGE
ASTM Class 0 Gloves

Class	Length	Color	Size
E 0	11	Y, B, R, BL, BLO or BY	7, 8, 8H, 9, 9H, 10,
E 0	14	Y, B, R, BL, BLO or BY	10H, 11, 11H, 12

R=Red B=Black Y=Yellow: Type I Natural Rubber
BY=Black in, yellow out: Type I Natural Rubber
BL=Blue BLO=Blue in, orange out: Type II SALCOR®
Example: E014R/9

SALISBURY LINEMAN'S GLOVES - HIGH VOLTAGE

ASTM Class 1, 2, 3, 4 Gloves

Class	Length	Cuff Style***	Color	Size
E 1	14, 16, or 18	FC, BC, C	B, YB, or RB	7, 8, 8H, 9, 9H, 10,
E 2	14, 16, or 18	FC, BC, C	B, YB, or RB	10H, 11, 11H, 12
E 3*	14, 16, or 18	FC, BC, C	B, YB, or RB	
E 4**	14, 16, or 18	FC, BC, C	B, YB, or RB	

FC=Flare cuff BC=Bell cuff C=Contour cuff (Straight cuff is the default style)

* available in sizes 8-12 including half sizes only

**available in sizes 9-12 including half sizes only

B=Black YB=Yellow inside, black out RB=Red inside, black out: Type I Natural Rubber

Example: E116FCYB/10 Example if ordering straight cuff: E116YB/10

***flare cuff gloves available in sizes 8H through 12 including half sizes only

***bell cuff gloves available in sizes 9 through 12 including half sizes only

For Additional Glove Options
Call Toll Free
1-877-GO ALTEC



STRAIGHT CUFF



CONTOUR CUFF



BELL CUFF



FLARE CUFF

SAMPLING OF RUBBER GLOVES

P/N 9000-21615	E216YB/10H	Class 2; 16" Length; Standard Cuff; Yellow Inside, Black Out; Size 10.5
P/N 9000-21690	E216YB/9	Class 2; 16" Length; Standard Cuff; Yellow Inside, Black Out; Size 9
P/N 9000-21601	E216YB/10	Class 2; 16" Length; Standard Cuff; Yellow Inside, Black Out; Size 10
P/N 9000-21695	E216YB/9H	Class 2; 16" Length; Standard Cuff; Yellow Inside, Black Out; Size 9.5

Salisbury Glove Liners

Glove liners enhance the comfort of wearing insulating rubber gloves in every season.

Liners provide warmth in the cold season and absorb perspiration in the warm months. The knit wrist style grips the wrist rather than allowing the cuff to roll down and bunch at the palm. All glove liners are for year round use with rubber insulating gloves and mittens. The L Series has a tough outer cotton fabric while the inner lining is soft and comfortable. The LMKC Series is light, airy, and allows ease of movement. The LMKW Series is made from a cotton and wool blend fabric that moves easily yet gives a substantial layer of lining. The 89 series is Salisbury's classic summer and winter glove liner. The summer liner is white in color and 100% cotton. The winter blend is a rust color and 100% acrylic.

SALISBURY GLOVE LINERS

PART NUMBER	DESCRIPTION	SERIES	WRIST	LENGTH
9700-80125	Jersey style, light weight, seams out	L	Knit	10"
9700-80126	Jersey style, light weight, seams out	L	Open	10"
9700-80127	Jersey style, light weight, seams out	L	Open	12"
9000-10010	Machine knit, 100% cotton	LMKC	Knit	10"
9700-80716	Machine knit, 100% cotton	LMKC	Knit	12"
9700-80128	Machine knit, cotton/wool blend	LMKW	Knit	10"
9700-80129	Machine knit, cotton/wool blend	LMKW	Knit	12"
9700-80130	White machine knit, 100% cotton	89	Knit	10"
9700-80131	Rust machine knit, 100% acrylic	89	Knit	10"

L Series - tough outer cotton fabric; inner lining is soft and comfortable

LMKC Series - light, airy, and allows a sense of movement

LMKW Series - cotton and wool blend fabric that moves easily yet gives a substantial layer of lining

89 Series - classic summer and winter glove; liners absorb hand's perspiration



9700-80125

9700-80126



9700-80127

9700-80716



9700-80128

9700-80130

9700-80131

All Salisbury protectors are steam pressed on curved hand forms to ensure proper fit over rubber gloves.

Manufactured from top grade leather, all gloves are sewn with heavy duty nylon thread in the "gunn cut" inseam construction pattern. Each protector for Class 1-4 gloves is equipped with a non-metallic buckle on the pull strap and an extra-wide leather reinforcement over the thumb seam. Protectors for Class 00 and 0 gloves are available with non-metallic buckle and pull strap or elastic wrist.



PREMIUM SERIES



ILPG10



ILPG10A



ILP7C



LPG3S



LP7C



LPG5S

Salisbury Advantage Premium Series

- SALCOR[®] cuff provides maximum protection
- Made from specially tanned Grade A Red Boulevard buffed leather and an orange colored SALCOR[®] "Super Cuff"
- Super cuff does not absorb water and has greater track resistance and crepage than leather or vinyl cuffs
- Available in 4" straight cuff (12" overall) or 6" straight cuff (14" overall)
- Dual sizes: 8/8.5, 9/9.5 10/10.5, 11/11.5, 12

ILP Series

- Manufactured from top grain cowhide or goatskin
- Orange vinyl on the back side of the cuff
- Cowhide cuffs are tough leather on the palm side
- Goatskin cuffs are green leather on the palm side

LP Series

- Manufactured from top grain cowhide or goatskin
- Feature adjustable straps with non-metallic buckles
- Stitched with polyester thread for strong seams
- Cuffs are tough leather on the palm side and orange vinyl on the back of the hand



All Salisbury Leather Protectors meet ASTM F696 Standards

It is the responsibility of the purchaser to specify the overall length of the protector gloves. The table below shows the minimum distance which shall be allowed between the protector glove cuff and the bead of the rubber glove per ASTM F496 specifications.

WARNING: Do not use leather protectors alone for protection against electric shock. Serious injury or death will result. Always use proper rubber insulating gloves.

Minimum Distance from Protector and Rubber Glove	Glove Class	Leather Protector Cuff Cuff Line
	00, 0	1/2
1	1	1" from cuff
2	2	2" from cuff
3	3	3" from cuff
4	4	4" from cuff

Code	Overall Length
3	12"
4	13"
5	14"
6	15"
7	16"
10	10"
10A	10" with Pull Strap



The minimum distance from the leather protector cuff to the bead of the rubber glove for this Class 2 glove is 2".

To Place an ILP Series Order:

- Specify ILP for Cowhide or ILPG for Goatskin
- Specify Code for Overall Length
- Specify Cuff Style - (S) Straight, (C) Contour
- Specify Size*

* Available in dual sizes: 7, 8/8.5, 9/9.5, 10/10.5, 11/11.5, 12
Goatskin is not available in size 7

To Place an LP Series Order

- Specify LP for Cowhide or LPG for Goatskin
- Specify Code for Overall Length
- Specify Cuff Style - (S) Straight, (C) Contour
- Specify Size*

* Available in single sizes: 8, 8.5, 9, 9.5, 10, 10.5, 11, 11.5, 12

SAMPLING OF PROTECTORS

P/N 9000-59500	ILP5S9.5	ILP Series - Cowhide; 14" Length; Straight Cuff; Size 9.5
P/N 9000-59590	ILP5S9	ILP Series - Cowhide; 14" Length; Straight Cuff; Size 9
P/N 9000-59515	ILP5S10.5	ILP Series - Cowhide; 14" Length; Straight Cuff; Size 10.5
P/N 9000-51000	ILP5S10	ILP Series - Cowhide; 14" Length; Straight Cuff; Size 10
P/N 9700-77825	ILPG3S10/10.5	ILP Series - Goatskin; 12" Length; Straight Cuff; Size 10

Only Salisbury offers both dipped and molded sleeves - available in two popular styles!

Rubber insulating sleeves extend coverage of the arm from the cuff of rubber insulating gloves to the shoulder - fully protecting these areas from accidental contact with energized conductors and equipment. Salisbury sleeves feature a reinforcing fold at the cuff. This fold is preferred over a rolled bead because it adds less bulk to the cuff and fits into the glove easier without pushing. All Salisbury lineman's sleeves meet the current requirements of ASTM D1051 and offer the same high level of quality and protection.

MOLDED SLEEVES

Molded sleeves are manufactured by either injection or compression molding methods. The advantage these methods offer is the ability to produce sleeves of Type I or SALCOR[®] Type II synthetic rubber. SALCOR[®] sleeves provide the same high quality and electrical protection as natural rubber, with the added benefit of being resistant to ozone and ultraviolet radiation. Type I sleeves are available in black, yellow, or maroon. Type II SALCOR[®] sleeves are black or orange. *Molded sleeves are available in curved arm style only.*

To Place a Molded Type I Sleeves Order

VOLTAGE CLASS	SIZE	COLOR
1	R or L	Y
2	R, L, XL	B, Y, or M
3	R or L	Y, M
4	R or L	M

R=regular L=large XL=extra large

B=black Y=yellow M=maroon

Example: 2LB

To Place a Molded Type II Sleeves Order

VOLTAGE CLASS	SIZE	COLOR
1	R or L	BS or OS
2	R, L, XL	BS or OS

R=regular L=large XL=extra large

BS = black SALCOR[®] OS=orange SALCOR[®]

Example: 2LOS

DIPPED SLEEVES

Dipped sleeves are manufactured in the same way as Salisbury rubber insulating gloves. Porcelain forms are dipped into liquified rubber, dried, trimmed, marked, and cured. Every sleeve receives a thorough inspection and electrical testing prior to distribution.

To Place a Dipped Type I Sleeves Order

VOLTAGE CLASS	SIZE	COLOR
D0	R, L, XL	Y=yellow R=red
D1	R, L, XL	B=black
D2	R, L, XL	YB=Y inside, B out
D3	R, L, XL	RB=R inside, B out
D4	R, L, XL	YR=Y inside, R out RY=R inside, Y out

R = regular L = large XL = extra large

ST = straight cuff EC = extra curved cuff Ex: D2LYB

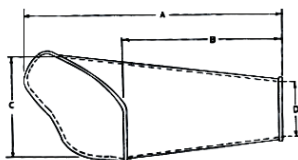


Figure 1

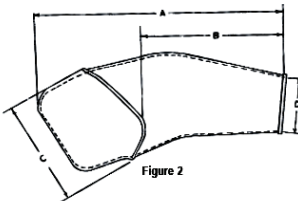


Figure 2

SIZING INFORMATION

- Sleeves should be selected to fit the arm comfortably, covering the top of the shoulder to inside the top of the glove

- To minimize the possibility of the sleeves pushing gloves off the hand, size the sleeve to the shortest length possible while maintaining complete coverage to the shoulder

SIZING LINEMAN'S SLEEVES

STRAIGHT ARM SLEEVE - Figure 1

A	B	C	D
REGULAR			
26.25"	15.5"	11.25"	5.5"
LARGE			
28.5"	17"	12.87"	6.87"
EXTRA LARGE			
30"	19"	13.25"	6.87"

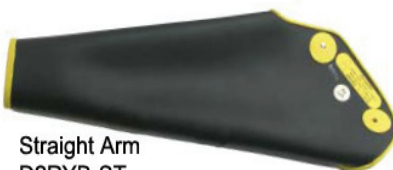
CURVED ARM SLEEVE - Figure 2

A	B	C	D
REGULAR			
26.5"	15.5"	12.25"	5.25"
LARGE			
27.75"	16"	12.87"	6.87"
EXTRA LARGE			
29.5"	17.5"	12.87"	7"

DIPPED SLEEVES



Extra-Curved Arm
D2LYR-EC



Straight Arm
D2RYB-ST

MOLDED SLEEVES



Black Type I
2RB



Yellow Type I
3LY



Orange Type II
2ROS

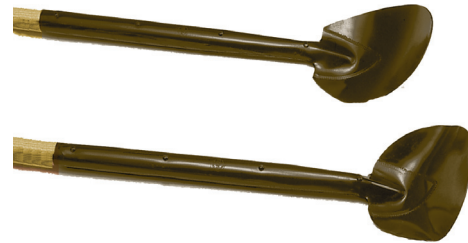
Osh Kosh Straight Shovels



- Made with hardwood handles and 10" wide high carbon steel blades
- The blade is forged in a straight pattern and heat treated
- The shovel blade and back strap are electrically seam welded to a front strap
- The shovel is completely straight from end to end for effective use in deep holes
- This shovel is also offered with a 6" blade
- The shovel straps and handle have footage markers to indicate hole depth
- Available with Ash or Maple handles
- Available with 6" or 10" blade

Part Number	Osh Kosh	Description
P/N 9000-02032	2032	7' Ash Shovel
P/N 9000-20326	2036	7' Ash Shovel w/6" blade
P/N 9000-20327	2032H	7' Maple Shovel
P/N 9000-01005	1005	7' Ash Replacement Handle
P/N 9000-10056	1005H	7' Maple Replacement Handle
P/N 9000-02033	2033	8' Ash Shovel
P/N 9000-20336	2033-6	8' Ash Shovel w/6" blade
P/N 9000-20337	2033H	8' Maple Shovel
P/N 9000-20338	2033H-6	8' Maple Shovel w/6" blade
P/N 9000-88933	1006	8' Ash Replacement Handle
P/N 9000-88934	1006H8	8' Maple Replacement Handle
P/N 9000-02034	2034	9' Ash Shovel
P/N 9000-20346	2034-6	9' Ash Shovel w/6" blade
P/N 9000-20347	2034H	9' Maple Shovel
P/N 9000-20348	2034H-6	9' Maple Shovel w/6" blade
P/N 9000-01007	1007	9' Ash Replacement Handle
P/N 9000-10076	1007H	9' Maple Replacement Handle
P/N 9000-02035	2035	10' Ash Shovel
P/N 9000-20356	2035-6	10' Ash Shovel w/6" blade
P/N 9000-20357	2035H	10' Maple Shovel
P/N 9000-20358	2035H-6	10' Maple Shovel w/6" blade
P/N 9000-88931	1008	10' Ash Replacement Handle
P/N 9000-88932	1008H	10' Maple Replacement Handle
P/N 9000-02036	2036	12' Ash Shovel
P/N 9000-20366	2036-6	12' Ash Shovel w/6" blade
P/N 9000-20367	2036H	12' Maple Shovel
P/N 9000-01009	1009	12' Ash Replacement Handle
P/N 9000-10096	1009H	12' Maple Replacement Handle

Osh Kosh Spoon Shovel Blades



- Made from the same high-carbon steel as the rest of the Oshkosh shovel line
- Available in two unique styles - Eastern and Western
- Both designs have a scoop shape for lifting mud, water and backfill from deep holes
- The shovel straps and handle have footage markers to indicate hole depth
- Western pattern designed for harder, clay-like soils
- Eastern pattern designed for lighter, sandier soils
- Available with Ash or Maple handles
- Available with 7', 8', 9', 10', or 12' handles

Part Number	Osh Kosh	Description
9000-02023	2023	7' Ash Spoon, Western
9000-20235	2023E	7' Ash Spoon, Eastern
9000-20237	2023H	7' Maple Spoon, Western
9000-20238	2023EH	7' Maple Spoon, Eastern
9000-01005	1005	7' Ash Replacement Handle
9000-10056	1005H	7' Maple Replacement Handle
9000-02024	2024	8' Ash Spoon, Western
9000-20245	2024E	8' Ash Spoon, Eastern
9000-20247	2024H	8' Maple Spoon, Western
9000-20248	2024EH	8' Maple Spoon, Eastern
9000-88933	1006	8' Ash Replacement Handle
9000-88934	1006H	8' Maple Replacement Handle
9000-02025	2025	9' Ash Spoon, Western
9000-20255	2025E	9' Ash Spoon, Eastern
9000-20257	2025H	9' Maple Spoon, Western
9000-20258	2025EH	9' Maple Spoon, Eastern
9000-01007	1007	9' Ash Replacement Handle
9000-10076	1007H	9' Maple Replacement Handle
9000-02026	2026	10' Ash Spoon, Western
9000-20265	2026E	10' Ash Spoon, Eastern
9000-20267	2026H	10' Maple Spoon, Western
9000-20268	2026EH	10' Maple Spoon, Eastern
9000-88931	1008	10' Ash Replacement Handle
9000-88932	1008H	10' Maple Replacement Handle
9000-02027	2027	12' Ash Spoon, Western
9000-20275	2027E	12' Ash Spoon, Eastern
9000-20278	2027H	12' Maple Spoon, Western
9000-20277	2027EH	12' Maple Spoon, Eastern
9000-01009	1009	12' Ash Replacement Handle
9000-10096	1009H	12' Maple Replacement Handle

Hisco Fiberglass Handle Shovels

- Hollow back blades are stamped from a single piece of steel which creates the hollow socket and adds strength to the blade
- A nylon socket supports and strengthens the neck
- Forward turned steps provide for secure and comfortable foot placement
- Handles are attached with a nylon collar and single rivet
- Available with D or straight handle



	<u>Part Number</u>	<u>Hisco</u>	<u>Description</u>
A	P/N 9000-99390	HISHISSH	Small Head Round Point 27"; D Handle
B	P/N 9000-99391	HISHISLH	Small Head Round Point 46"
C	P/N 9000-99399	HISS14D	Drain Spade/Sharp Shooter; 28"; D handle
D	P/N 9000-99400	HISS14L	Drain Spade/Sharp Shooter; 47"
E	P/N 9000-99389	HISP2D	Square Point 27";D handle
F	P/N 9000-99382	HISP2L	Square Point 47"
G	P/N 9000-99396	HITS483LCD	Trench 4'
H	P/N 9000-99397	HITS721L	Trench 6'
I	P/N 9000-99395	HITS8	Straight Telegraph Shovel 8'
I	P/N 9000-99393	HITS10	Straight Telegraph Shovel 10'
I	P/N 9000-99394	HITS12	Straight Telegraph Shovel 12'
J	P/N 9000-99379	HI48LHS	Replacement Handle 4'
J	P/N 9000-99380	HI72LHS	Replacement Handle 6'
J	P/N 9000-99381	HI96LHS	Replacement Handle 8'

Hisco Round Point Shovel



- Dimensions: 8 7/8" x 11 3/4"; weighs 5 lbs.
- 47" fiberglass handle
- Features a double dip grip
- Hollow back blade is stamped from a single piece of steel with forward turned steps for secure and comfortable foot placement
- Size: 2 round point
- Handles are attached with a single rivet
- Feature a reinforcing metal collar at the neck

P/N 9000-99748 HIRP-14L

Adapter, Chuck.....56	Continuity Tester.....26	Holders, Outrigger Pad.....59	Pulling Eyes.....16, 20, 21	Tape, DOT.....60
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Bag, Fuseholder.....67	Cover Hook, Manhole.....13	Hooks, Safety.....67	Punchdown Tool.....37	TelScout.....34
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