



Professional Tools For

TECHLINE TOOLS

Lineman Quality Tools, Testing, And Repair

(800) 747-3747

The Professional Lineman







TECHLINE TOOLS

Toll Free (800) 747-3747 • (210) 359-8324 in San Antonio • Fax (210) 359-8369

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Specializing In Lineman Tools, PPE, & Equipment

- Climbing Equipment (Belts, Boots, Bags & Accessories)
- Hard Hats, Glasses, Hearing Protection, Work Gloves, Lights
- Flame Resistant Clothing (Including Rain Suits)
- Arc Flash Protection System Clothing & Equipment
- Rubber Gloves, Sleeves, Blankets & Hoses (Hubbell, Salisbury, Novax)
- Fall Protection Harnesses, Barricades, Traffic Cones, Traffic Signs
- Bucket Liners, Bucket Covers, Bucket Pads, Bucket Tool-Boards & Hooks
- First Aid Kits & Supplies, Water Coolers, Ice Chests
- Knives, Hammers, Tape Measures, Pliers, Wrenches, Screw Drivers
- Bolt Cutters, Wire & Cable Cutters, Hydraulic Cutters
- Impact Wrenches & Crimping Tools (Battery or Hydraulic)
- Tree Saws & Pruners (Manual, Battery or Hydraulic)
- Hot-Sticks & Tools, Shotguns, Switchsticks, Pike Poles, Elbow Pullers
- Hoists, Duct Rodders, Digging Equipment, Anchor Tools, Rope, Slings
- Wire Grips, Ladders, Handlines, Power Tools, etc.
- We can find and sell just about any miscellaneous material you need...

Tool Repair & Testing

- **Full Service Factory Certified Tool Repair Shop** - Battery, Hydraulic & Manual Tools Repaired
- **Insulated Stick Repair (Hot-Sticks)** - Stick Cleaning and Data Recording Program
- **Protective Ground Testing & Repair** - We will build custom ground sets to your specifications



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Terms & Conditions

PAYMENT TERMS

Net 30 days
VISA and MasterCard accepted

RETURNS

All returns must be authorized prior to return of material, then returned, freight pre-paid, to Techline Tools. Special or custom items may not be returned.

SPECIAL PROGRAMS

No minimum order for e-commerce sales.
Special conditions for long-term commitments.

DAMAGE AND SHORTAGE

Claims must be made within 15 days

Proudly offering the following product lines:

- | | | | |
|-------------------|-----------------|-------------|-------------------|
| 3M | DeWalt | Lewis Grips | Sho-Me |
| Aircraft Dynamics | ESTEX | LiftAll | Slingco |
| Anderson | Gear Arc Safety | MADI | Speed System |
| APEX Tool Group | Golight | Milwaukee | Stanley Proto |
| Bashlin | Greenlee | Little Mule | SteelGrip |
| Bierer | Hastings | MSA | Stream Light |
| Bone Safety | HISCO | MW Bevins | Tanaka |
| Buckingham | Honest Abe | NASCO | Tiiger |
| Bullard | Hubbell | Novax | Trystar |
| Bulwark Wrangler | Huskie | Osh Kosh | Twistarp |
| Burndy | IGLOO | Pelican | Utility Solutions |
| Carhart | Jameson | Radians | Werner Ladders |
| Chance | JELCO | Reliable | WESCO |
| Channel Lock | Kimberley Clark | Ripley | Youngstown |
| Coffing Hoists | Klein | S&C | |
| CONDUX | Kunz | Salisbury | |
| DBI Sala | LAPCO. | SensorLink | |

Other product lines are available, please contact us.





MILWAUKEE

6 Ton Crimpers

M18 FORCE LOGIC™

FORCE LOGIC™ is engineered to fundamentally change the way high-force tools are used in the field. Through thoughtful design focused on workflow, each tool simplifies a complicated process to deliver the best user experience of its kind.

Number	Description
2978-22BG	6T Linear Utility Crimper Kit w/ BG-D3 Jaw
2978-220	Kit w/ O-D3 Jaw
2978-22K	Kit w/ Kearney Jaw
2978-22	Kit w/ Snub Nose Jaw
2978-BGKIT	Kit w/ BG-D3 Jaw & Cutting Claws
2978-OKIT	Kit w/ O-D3 & Cutting Claws
2978-20	Tool-Only
2977-22BG	6T Pistol Utility Crimper Kit w/ BG-D3 Jaw
2977-220	Kit w/ O-D3 Jaw
2977-20	Tool Only



6T Compatible Crimping Dies

Number	Description
49-16-WBG0	"W" Style Die: "W-BG"
49-16-WC00	"W" Style Die: "W-C"
49-16-W000	"W" Style Die: "W-O"
49-16-W161	"W" Style Die: "W-161"
49-16-W162	"W" Style Die: "W-162"
49-16-W163	"W" Style Die: "W-163"
49-16-W164	"W" Style Die: "W-164"
49-16-W165	"W" Style Die: "W-165"
49-16-W166	"W" Style Die: "W-166"
49-16-W237	"W" Style Die: "W-237"
49-16-W239	"W" Style Die: "W-239"
49-16-W243	"W" Style Die: "W-243"
49-16-W247	"W" Style Die: "W-247"
49-16-W49	"W" Style Die: "W-249"
49-16-W840	"W" Style Die: "W-K840"
49-16-TREE	"W" Die Tree



6T Compatible Cutting Jaws

Number	Description
49-16-2777	1/2" EHS Guy Wire Cutting Jaw
49-16-2773	477 ACSR Cutting Jaw
49-16-2772	750 MMCu Cu/Al Cutting Jaw



M18 Utility Stapler & 9GA Staples

Number	Description
2843-20	M18 Tool Only
2843-22	M18 Utility Stapler Kit
MPU112-960	9GA Staples 1-1/2" (960 Box)
MPU134-960	9GA Staples 1-3/4" (960 Box)
MPU2-960	9GA Staples 2" (960 Box)

MILWAUKEE

Power Tools

M18 FORCE LOGIC™ Power Tools

Number	Description
2778-22	12T Utility Crimper Kit
2879-22	15T Crimper Kit
2774-21HD	10,000 PSI Hydraulic Pump Kit

M18 FORCE LOGIC™ Cutting

Number	Material	Cut Capacity
2777-21	ACSR	1590 Falcon
	EHS Guy Wire	5/8"
	Ground Rod	5/8"
	Rebar	5/8"
	Bolts	5/8"
2776R-21 2776-21	Single Conductor	Copper: 1500 MCM, 15KV Aluminum: 1500 MCM, 46KV
	3x Single Conductor	Copper: 1500 MCM, 15KV
	3 Conductor	Copper: 3 x 500 MCM Aluminum: 3 x 750 MCM
2672-21S	ACSR	477 Hen
	Non-EHS Guy Wire	3/8"
	Rebar	3/8"
	Ground Rod	3/8"
2672-21	Copper	750 MCM
	Aluminum	1000 MCM

M18 FORCE LOGIC™ Cable Strippers

Number	Material	Bushing Size
2935X-21	Single Jacket Copper Secondary	1/0 to 500 MCM
2435X-21	Single Jacket Copper Secondary	1/0 to 500 MCM

M18 FUEL™ Drilling & Fastening

Number	Description	Torque
2867-22	1" High Torque Impact Wrench w/ ONE-KEY™ Kit	1,500 ft-lbs fastening/ 1,800 ft-lbs Nut-Busting
2868-22HD	1" D-Handle High Torque Impact Wrench w/ ONE-KEY™ Kit	1,900 ft-lbs fastening/ 2,000 ft-lbs Nut-Busting
2869-22HD	1" D-Handle Ext. Anvil High Torque Impact Wrench w/ ONE-KEY™ Kit	1,900 ft-lbs fastening/ 2,000 ft-lbs Nut-Busting
2864-22	3/4" High Torque Impact Wrench w/ Friction Ring w/ ONE-KEY™ Kit	1,200 ft-lbs fastening/ 1,500 ft-lbs Nut-Busting
2865-22	7/16" Hex Utility High Torque Impact Wrench w/ ONE-KEY™ Kit	750 lb Max Torque
2767-22	1/2" High Torque Impact Wrench w/ Friction Ring	1,000 ft-lbs fastening/ 1,400 ft-lbs Nut-Busting
2766-22	1/2" High Torque Impact Wrench w/ Pin Detent Kit	1,000 ft-lbs fastening/ 1,400 ft-lbs Nut-Busting



2774-21HD



2778-22



2879-22



2777-21



2776R-21



2672-21S



2935X-21



2867-22



2868-22

MILWAUKEE

Impacts/Saws/Lighting

Specialty & Personal Lighting

Number	Description
2119-22	USB Rechargeable Utility Hot Stick Light Kit
2116-21	USB Rechargeable BEACON™ Hard Hat Light Kit
2111-21	USB Rechargeable Hard Hat Headlamp Kit
2112-21	USB Rechargeable ROVER™ Pocket Flood Light Kit
2113-21	USB Rechargeable Pivoting Flashlight Kit
2114-21	USB Rechargeable ROVER™ Pivoting Flood Light Kit
2161-21	USB Rechargeable 1,100L Twist Focus Flashlight
2104	MILWAUKEE Spot/Flood Headlamp
2004HZL	MILWAUKEE C I, II, III/ D 1 Intrinsically Safe Spot/Flood Headlamp
2160-21	USB Rechargeable 800L Compact Flashlight



2004HZL



2111-21



2119-22



2527-21

M18 FUEL™ & M12 FUEL™ Cutting

Number	Description
2727-21HD	16" Chainsaw Kit
2825-21PS	10" Pole Saw Kit w/ QUIK-LOK™
2720-22HD	SAWZALL Reciprocating Saw Kit
2719-21	HACKZALL One-Handed Reciprocating Saw Kit
2982-21	8" Metal Cutting Circular Saw Kit
2782-22	Metal Cutting Circular Saw Kit
2981-22	4-1/2" - 6" Braking Grinder Kit Slide Switch, Lock-On
2729S-22	Deep Cut Dual Trigger Band Saw Kit
2729-22	Deep Cut Dual Band Saw Kit
2527-21	HATCHET™ 6" Pruning Saw Kit



2720-22HD



2727-21HD



2782-22HD



2804-22

M18 FUEL™ Drilling & Fastening

Number	Description	Torque
2855P-22	1/2" Compact Impact Wrench w/ Pin Detent Kit	250 ft-lbs fastening/ 250 ft-lbs Nut-Busting
2855-22	1/2" Compact Impact Wrench w/ Friction Ring Kit	250 ft-lbs fastening/ 250 ft-lbs Nut-Busting
2962P-22	1/2" Mid-Torque Impact Wrench w/ Pin Detent Kit	550 ft-lbs fastening/ 650 ft-lbs Nut-Busting
2962-22	1/2" Mid-Torque Impact Wrench w/ Friction Ring Kit	1,200 ft-lbs fastening/ 1,500 ft-lbs Nut-Busting
2853-22	1/4" Hex Impact Driver Kit	-----
2804-22	1/2" Hammer Drill/Driver Kit	-----
2718-21HD	1-3/4" SDS Max Rotary Hammer Kit w/ ONE-KEY™	-----
2717-21HD	1-9/16" SDS Max Rotary Hammer Kit	-----
2788-22HD	1-1/2" Lineman Magnetic Drill Kit	-----



2825-21PS



2853-22



2855P-22



2962-22

MILWAUKEE

Task Lighting

Number	Description
2365-20	M18™ ROVER™ Mounting Flood Light
2354-20	M18™ Search Light
2136-20	M18™ ROVER™ Tower Light/Charger Kit
2122-22HD	M18™ Utility Bucket Light Kit
2122-20	M18™ Utility Bucket Light
2146-20	M18™ RADIUS™ Compact Site Light w/ ONE-KEY™
2145-20	M18™ RADIUS™ Compact Site Light
2150-20	M18™ RADIUS™ Site Light/Charger w/ ONE-KEY™
2151-20	M18™ RADIUS™ Site Light
2120-22HD	M18™ ROCKET™ Dual Pack Tower Light w/ ONE-KEY™ Kit
2120-20	M18™ ROCKET™ Dual Pack Tower Light w/ ONE-KEY™



MX Fuel Kits

Number	Description
MXF314-2XC	MX FUEL™ 14" Cut-Off Saw Kit
MXF368-1XC	Breaker Kit
MXF301-2CKS	Handheld Core Drill Kit w/ Stand
MXF041-1XC	ROCKET™ Tower Light/Charger Kit
MXF002-2XC	CARRY-ON™ Power Supply Kit



SHOCKWAVE™ Lineman's Impact Auger Bits

Number	Size	Length
48-13-6700	3/8"	18"
48-13-6702	1/2"	18"
48-13-6703	9/16"	18"
48-13-6704	5/8"	18"
48-13-6705	11/16"	18"
48-13-6707	13/16"	18"
48-13-6709	15/16"	18"
48-13-6710	1"	18"
48-13-6711	1-1/16"	18"
48-13-6712	1-1/8"	18"
48-13-6713	1-1/4"	18"
48-13-6800	3/8"	24"
48-13-6802	1/2"	24"
48-13-6803	9/16"	24"
48-13-6804	5/8"	24"
48-13-6805	11/16"	24"
48-13-6807	13/16"	24"
48-13-6809	15/16"	24"
48-13-6810	1"	24"
48-13-6811	1-1/16"	24"
48-13-6812	1-1/8"	24"
48-13-6813	1-1/4"	24"
48-13-6904	5/8"	30"
48-13-6905	11/16"	30"
48-13-6907	13/16"	30"
48-13-6909	15/16"	30"



MILWAUKEE

Power Tool Accessories

SHOCKWAVE™ Lineman's Impact Sockets, 2-In-1 Sockets

Number	Description	Nut Size	Hardware
49-66-5111	9/16" & 3/4" SHOCKWAVE™ Lineman's 2-In-1 6 Point Socket	9/16" & 3/4"	Hex
49-66-5119	3/8" & 1/2" SHOCKWAVE™ Lineman's 2-In-1 12 Point Socket	3/8" & 1/2"	Square, Hex
49-66-5120	7/16" & 5/8" SHOCKWAVE™ Lineman's 2-In-1 12 Point Socket	7/16" & 5/8"	Square, Hex
49-66-5121	9/16" & 3/4" SHOCKWAVE™ Lineman's 2-In-1 12 Point Socket	9/16" & 3/4"	Square, Hex
49-66-5124	15/16" & 1-1/8" SHOCKWAVE™ Lineman's 2-In-1 12 Point Socket	15/16" & 1-1/8"	Square, Hex
49-66-5125	10 Pc SHOCKWAVE™ Lineman's 2-In-1 12 Point Socket Set	3/8" x 1/2", 7/16" x 5/8", 9-16" x 3/4", 11/16" x 7/8", 13/16" x 1", 15/16" x 1-1/8"	Square, Hex



49-66-5121

SHOCKWAVE™ Lineman's Impact Sockets, Fastening & Removal

Number	Description
49-66-5141	5/16" SHOCKWAVE™ Lineman's Impact 1/2" Drive Hex Bit Socket
49-66-5142	3/8" SHOCKWAVE™ Lineman's Impact 1/2" Drive Hex Bit Socket
49-66-5144	1/2" SHOCKWAVE™ Lineman's Impact 1/2" Drive Hex Bit Socket
49-66-5151	5/16" SHOCKWAVE™ Lineman's Impact 3/8" Drive Hex Bit Socket
49-66-5152	3/8" SHOCKWAVE™ Lineman's Impact 3/8" Drive Hex Bit Socket
49-66-5154	1/2" SHOCKWAVE™ Lineman's Impact 3/8" Drive Hex Bit Socket
49-66-5145	5mm SHOCKWAVE™ Lineman's Impact 1/2" Drive Hex Bit Socket
49-66-5146	6mm SHOCKWAVE™ Lineman's Impact 1/2" Drive Hex Bit Socket
49-66-5155	5mm SHOCKWAVE™ Lineman's Impact 3/8" Drive Hex Bit Socket
49-66-5156	6 mm SHOCKWAVE™ Lineman's Impact 3/8" Drive Hex Bit Socket
49-66-5131	SHOCKWAVE™ Lineman's 5/8" Pole Step Socket
49-66-5132	SHOCKWAVE™ Lineman's J-Hook Socket
49-66-5133	SHOCKWAVE™ Lineman's 13/16" Penta Socket



49-66-5132



49-66-5111



49-66-5141



49-66-5133



49-66-5131



49-66-5125

MILWAUKEE

Power Tool Accessories

SHOCKWAVE™ Lineman's Impact Sockets, 3 -In-1 Sockets

Number	Description	Nut Size	Bolt Size
49-66-5101	SHOCKWAVE™ Lineman's 3-In-1 Distribution Utility Socket	3/4", 1", 1-1/18"	1/2", 5/8", 3/4"
49-66-5102	SHOCKWAVE™ Lineman's 3-In-1 Transmission Utility Socket	1-1/8", 1-5/16", 1-1/2"	3/4", 7/8", 1"



48-13-6707



49-66-5102

SHOCKWAVE™ Lineman's Impact Socket Adapters

Number	Description	Po
48-32-5100	7/16" - 1/2" SHOCKWAVE™ Lineman's Impact Socket Adapter	1
48-32-5700	7/16" - 1/2" SHOCKWAVE™ Lineman's Impact Socket Adapters	Bulk 10
48-66-0061	1/2" - 7/16" SHOCKWAVE™ Lineman's Quick Change Impact Socket Adapter	1



49-32-5100



48-89-9212

Step Bits

Number	Description	Shank Type
48-89-9241	#1 SHOCKWAVE™ Impact Step Drill Bit, 1/8" - 1/2"	1-4" Hex
48-89-9244	#4 SHOCKWAVE™ Impact Step Drill Bit, 3/16" - 7/8"	1-4" Hex
48-89-9257	3 Pc SHOCKWAVE™ Electrician Impact Step Drill Bit Set	1-4" Hex
48-89-9201	#1 Step Drill Bit, 1/8" - 1/2"	3-Flat
48-89-9204	#4 Step Drill Bit, 3/16" - 7/8"	3-Flat
48-89-9208	#8 Step Drill Bit, 1/2" - 1"	3-Flat
48-89-9212	#12 Step Drill Bit, 7/8" - 1-3/8"	3-Flat
48-89-9223	4 Pc Step Drill Bit Set	3-Flat



48-89-9244



49-22-8440

Annular Cutters, High Speed Steel

1" Depth of Cut	2" Depth of Cut	Diameter
49-59-0562	49-59-2056	9/16"
49-59-0687	49-59-2069	11/16"
49-59-0812	49-59-2081	13/16"
49-59-0937	49-59-2094	15/16"
49-59-1062	49-59-2106	1-1/16"
49-22-8400	-----	6 Pc Set
-----	49-22-8410	9 Pc Set



48-89-9257



49-22-8400

Annular Cutters, Tungsten Carbide Tipped

1-3/8" Depth of Cut	2" Depth of Cut	Diameter
49-59-3056	49-59-4056	9/16"
49-59-3069	49-59-4069	11/16"
49-59-3081	49-59-4081	13/16"
49-59-3094	49-59-4094	15/16"
-----	49-59-4100	1"
49-22-3106	49-59-4106	1-1/16"
-----	49-22-8440	8 Pc Set



49-59-0687



49-59-3081

Additional Sizes Available

MILWAUKEE

SAWZALL Blades

Wood Cutting

TPI	Length	Materials	1 Pack	3 Pack	5 Pack
THE AX™ w/ Carbide Teeth for Pruning & Clean Wood					
3	6"		48-00-5231	48-00-5331	
3	9"		48-00-5232	48-00-5332	
3	12"		48-00-5233	48-00-5333	
THE AX™ w/ Carbide Teeth for Nail-Embedded Wood					
5	6"		48-00-5221	48-00-5321	48-00-5521
5	9"		48-00-5226	48-00-5326	48-00-5526
5	12"		48-00-5227	48-00-5327	48-00-5527
THE AX™					
5	6"		48-00-5021	48-00-8021	48-00-7021
5	9"		48-00-5026	48-00-8026	48-00-7026
5	12"		48-00-5027	48-00-8027	48-00-7027



48-00-5232



48-00-5226



48-00-5202

Sets

Number	Description
49-22-1129	12 Pc SAWZALL Demolition Blade Set
49-22-1132	32 Pc SAWZALL Blade Set

Metal Cutting

TPI	Length	Materials	1 Pack	3 Pack	5 Pack
THE TORCH™ w/ NITRUS CARBIDE™					
7	6"		48-00-5261	48-00-5361	48-00-5561
7	9"		48-00-5262	48-00-5362	48-00-5562
7	12"		48-00-5263	48-00-5363	48-00-5563
THE TORCH™ w/ CARBIDE TEETH					
7	6"		48-00-5201	48-00-5301	48-00-5501
7	9"		48-00-5202	48-00-5302	48-00-5502
7	12"		48-00-5203	48-00-5303	48-00-5503
THE TORCH™ DEMOLITION SAWZALL Blades					
14	6"		48-00-5782	48-00-8782	48-01-7782
14	9"		48-00-5787	48-00-8787	48-01-7787
18	6"		48-00-5784	48-00-8784	48-01-7784
18	9"		48-00-5788	48-00-8788	48-01-7788



48-00-5021



49-22-1129



48-00-5787

Metal Cutting

TPI	Length	Materials	1 Pack	3 Pack	5 Pack
STANDARD Metal SAWZALL Blades					
14	6"		48-00-5182	48-00-8182	48-01-7182
14	9"		48-00-5187	48-00-8787	48-01-7187
18	6"		48-00-5182	48-00-8184	48-01-7184
18	9"		48-00-5188	48-00-8788	48-01-7188



49-56-0710

Hole Saws

Number	Description
49-56-0702	3/4" HOLE DOZER™ w/ Carbide Teeth Hole Saw
49-56-0704	7/8" HOLE DOZER™ w/ Carbide Teeth Hole Saw
49-56-0708	1-1/8" HOLE DOZER™ w/ Carbide Teeth Hole Saw
49-56-0710	1-1/4" HOLE DOZER™ w/ Carbide Teeth Hole Saw
49-56-0720	2" HOLE DOZER™ w/ Carbide Teeth Hole Saw
49-22-3090	12 Pc HOLE DOZER™ w/ Carbide Teeth Hole Saw Kit

Bi-Metal HOLE DOZER™ options available online



48-39-0521

Blades, Band Saw Blades

Number	Description
48-39-0601	8/10 TPI Extreme Metal Deep Cut Portable Band Saw Blades (3pk)
48-39-0611	12/14 TPI Extreme Metal Deep Cut Portable Band Saw Blades (3pk)
48-39-0511	14 TPI Standard Deep Cut Portable Band Saw Blades (3pk)
48-39-0521	18 TPI Standard Deep Cut Portable Band Saw Blades (3pk)
48-39-0531	24 TPI Standard Deep Cut Portable Band Saw Blades (3pk)



48-40-4075

Blades, Circular Saw Blades

Number	Description
48-40-4215	5-7/8" 34T Metal Circular Saw Blade
48-40-4075	5-3/8" 50T Aluminum Circular Saw Blade

SHOCKWAVE™ Impact Duty, Adapters

Number	Description
48-32-5030	1/4" SHOCKWAVE™ Impact 2" Socket Adapter
48-32-5031	3/8" SHOCKWAVE™ Impact 2" Socket Adapter
48-32-5034	1/2" SHOCKWAVE™ Impact 2" Socket Adapter
48-32-5033	3 Pc SHOCKWAVE™ Impact 2" Socket Adapter Set



48-32-5033



48-00-5182



48-32-5034

MILWAUKEE

Power Tool Accessories & Hand Tools

SHOCKWAVE™ Impact Duty, Sets

Number	Description
49-66-4484	9 Pc SHOCKWAVE™ 1/2" Drive Thin Wall Deep Impact Socket Set
49-66-4562	4 Pc 1-7/8" SHOCKWAVE™ Impact Magnetic Nut Drivers (1/4", 5/16", 3/8", 7/16")
48-32-4006	40 Pc SHOCKWAVE™ Impact Drill and Drive Set
48-89-4632	29 Pc SHOCKWAVE™ RED HELIX™ Titanium Drill Bit Set

Measuring

Number	Description
48-22-9725	25ft STUD™ Tape Measure with 17" Reach
48-22-0225	25ft Wide Blade Tape Measure with 17" Reach
48-22-5112	12" Measuring Wheel
48-22-3801	6-1/2ft Composite Folding Rule

Levels

Number	Description
MLDIG24	24" REDSTICK™ Digital Level w/ PINPOINT™ Measurement Technology
48-22-5107	Compact Billet Torpedo Level

Pliers

Number	Description
48-22-6100	Comfort Grip High-Leverage Lineman's Pliers with Crimper
48-22-6500	High-Leverage Lineman's Pliers with Crimper
48-22-6502	High-Leverage Lineman's Pliers
48-22-6503	High-Leverage Lineman's Pliers with Thread Cleaner
48-22-6101	8" Comfort Grip Long Nose Pliers
48-22-6104	Comfort Grip Cable Cutting Pliers
48-22-6108	8" Comfort Grip Diagonal Cutting Pliers
48-22-6208	8" Comfort Grip V-Jaw Pliers
48-22-6210	10" Comfort Grip V-Jaw Pliers
48-22-6212	12" Comfort Grip V-Jaw Pliers
48-22-6510	10" Tongue & Groove Pliers
48-22-6512	12" Straight Jaw Pliers
48-22-3079	Comfort Grip 6w1 Combination Pliers

TORQUE LOCK™ Locking Pliers

Number	Description
48-22-3510	10" TORQUE LOCK™ Straight Jaw Locking Pliers
48-22-3610	10" TORQUE LOCK™ MAX.BITE™ Curved Jaw Locking Pliers

Power Utility Wrenches

Number	Description
48-22-9211	Lineman's 2w1 Insulated Ratcheting Box Wrench
48-22-9212	Lineman's 4w1 Insulated Ratcheting Box Wrench
48-22-9213M	Lineman's High-Leverage Ratcheting Wrench w/ Milled Strike Face
48-22-9213	Lineman's High Leverage Ratcheting Wrench
48-22-9216M	5w1 Lineman's Ratcheting Wrench w/ Milled Strike Face
48-22-9216	Lineman's 5w1 Ratcheting Wrench



48-22-0225



48-22-3079



48-22-5112



48-22-6101



48-22-6108



48-22-6502



48-22-6510



48-22-9212



48-22-9213M



48-22-9216M



48-32-4006



48-89-4632



49-66-4562

MILWAUKEE

Hand Tools

Adjustable Wrenches

Number	Description
48-22-7408	8" Adjustable Wrench
48-22-7410	10" Adjustable Wrench
48-22-7412	12" Adjustable Wrench
48-22-7508	8" Wide Jaw Adjustable Wrench

Socket Sets

Number	Description
48-22-9000	12 Pc 3/8" SAE Contractor Ratchet & Socket Set

Combination Wrenches

Number	Description
48-22-9406	7 Pc SAE Ratcheting Combination Wrench Set
48-22-9407	7 Pc SAE Combination Wrench Set

Screwdrivers

Number	Description
48-22-2102	10 _{IN} 1 Square Multi-Bit Driver
48-22-2320	Compact 8 _{IN} 1 Ratchet Multi-Bit Driver
48-22-2761	11 _{IN} 1 Multi-Bit Driver with TORX
48-22-2702	2 Pc Demolition Screwdriver Set
48-22-2718	8 Pc Screwdriver Set with Square Bits
48-22-2815	Phillips #2 6" Cushion-Grip Demolition Screwdriver
48-22-2823	Slotted 5/16" 6" Cushion-Grip Demolition Screwdriver
48-22-2825	Slotted 3/8" 8" Cushion-Grip Demolition Screwdriver
48-22-2204	4 Pc 1000V Insulated Screwdriver Set with Roll Pouch

Hammers

Number	Description
48-22-9016	17oz Milled Face Hammer
48-22-9017	17oz Smooth Face Hammer
48-22-9022	22oz Milled Face Hammer
48-22-9023	22oz Smooth Face Hammer
48-22-9316	19oz Smooth Face Poly Fiberglass Hammer
48-22-9419	19oz Hickory Hammer - Milled Face
48-22-9519	19oz Hickory Hammer - Smooth Face
48-22-9040	4 _{IN} 1 Lineman Hammer 32oz



48-22-2204

48-22-9000



48-22-7410

48-22-7508



48-22-2702



48-22-9419



48-22-9040



48-22-9016



48-22-9316



48-22-9406

MILWAUKEE

Hand Tools

Knives

Number	Description
48-22-1500	FASTBACK™ Compact Folding Utility Knife
48-22-1501	FASTBACK™ Folding Utility Knife
48-22-1502	FASTBACK™ Folding Utility Knife with Blade Storage
48-22-1901	FASTBACK™ Flip Utility Knife
48-22-1903	FASTBACK™ Flip Utility Knife with Blade Storage
48-22-1923	Lineman's Blunt Tip Hawkbill Knife with STICKWORK™ 3w1 Ring
48-22-1924	Lineman's Hawkbill Knife with STICKWORK™ 3w1 Ring
48-22-1925	Lineman's Hawkbill Knife
48-22-1929	Lineman's Underground Knife
48-22-1525	FASTBACK™ Hawkbill Folding Knife
48-22-1526	FASTBACK™ Blunt Tip Hawkbill Folding Knife
48-22-1985	FASTBACK™ Hawkbill Flip Knife
48-22-1994	HARDLINE™ 3" Smooth Blade Pocket Knife
48-22-1998	HARDLINE™ 3" Serrated Blade Pocket Knife

Bolt Cutters

Number	Description
48-22-4014	14" Bolt Cutter
48-22-4024	24" Bolt Cutter
48-22-4114	14" Adaptable Bolt Cutter w/ POWERMOVE™
48-22-4124	24" Adaptable Bolt Cutter w/ POWERMOVE™
48-22-4218	18" Fiberglass Bolt Cutter w/ PIVOTMOVE™ Rotating Handles
48-22-4224	24" Fiberglass Bolt Cutter w/ PIVOTMOVE™ Rotating Handles

PACKOUT™ Modular Storage System

Number	Description
48-22-8310	PACKOUT™ 10" Tote
48-22-8315	PACKOUT™ 15" Tote
48-22-8320	PACKOUT™ 20" Tote
48-22-8424	PACKOUT™ Tool Box
48-22-8425	PACKOUT™ Large Tool Box
48-22-8426	PACKOUT™ Rolling Tool Box
48-22-8430	PACKOUT™ Organizer
48-22-8435	PACKOUT™ Compact Organizer
48-22-8321	PACKOUT™ 15" Tool Box
48-22-8322	PACKOUT™ 20" Tool Box
48-22-8431	PACKOUT™ Low-Profile Organizer
48-22-8436	PACKOUT™ Low-Profile Compact Organizer



48-22-1501



48-22-1525



48-22-1924



48-22-1925



48-22-1929



48-22-1925



48-22-4224



48-22-4024



48-22-4124



48-22-8320



48-22-8425



48-22-8426



48-22-8430



48-22-8431

MILWAUKEE

Hand Tools

Power Utility Storage

Number	Description
48-22-8290	Lineman's Aerial Tool Apron
48-22-8270	Canvas Utility Bucket w/ Pockets
48-22-8275	Underground Oval Bucket
48-22-8276	Aerial Oval Bucket
48-22-8271	Canvas Utility Bucket
48-22-8291	Lineman's Compact Aerial Tool Apron
48-22-8292	2" Bucket Hook
48-22-8293	3" Bucket Hook



48-22-8270



48-22-8275



48-22-8276



48-22-8290

Locking Tool Lanyards

Number	Description
48-22-8810	10 lbs 36" Locking Tool Lanyard
48-22-8811	10 lbs 54" Extended Reach Locking Tool Lanyard
48-22-8812	10 lbs 72" Extended Reach Locking Tool Lanyard
48-22-8815	15 lbs 36" Locking Tool Lanyard
48-22-8816	15 lbs 54" Extended Reach Locking Tool Lanyard
48-22-8817	15 lbs 72" Extended Reach Locking Tool Lanyard
48-22-8830	5 lbs Wrist Lanyard
48-22-8835	5 lbs Quick-Connect Wrist Lanyard
48-22-8850	35 lbs 36" Locking Tool Lanyard
48-22-8855	50 lbs Anchor Strap
48-22-8820	10 lbs 36" Quick-Connect Locking Tool Lanyard
48-22-8860	12' Self-Adhering Tape



48-22-8291



48-22-8292

Safety Glasses

Number	Description
48-73-2001	Clear Safety Glasses
48-73-2006	Tinted Safety Glasses
48-73-2021	Clear Performance Safety Glasses
48-73-2026	Tinted Performance Safety Glasses
48-73-2041	Clear Performance Safety Glasses with Gasket
48-73-2046	Polarized Performance Safety Glasses with Gasket
48-73-2050	3 pk Clear Safety Glasses
48-73-2051	3 pk Tinted Safety Glasses



48-22-8811



48-22-8835



48-22-8820

Hard Hats

Number	Description
48-73-1020	Front Brim Hard Hat with BOLT™ Accessories - Type I Class E
48-73-1021	Front Brim Hard Hat with BOLT™ Accessories - Type I Class E (Small Logo)
48-73-1030	Full Brim Hard Hat with BOLT™ Accessories - Type I Class E
48-73-1031	Full Brim Hard Hat with BOLT™ Accessories - Type I Class E (Small Logo)



48-73-2006



48-73-1030

Ear Plugs

Number	Description
48-73-3006	100 Pairs Ear Plugs (Individually Wrapped)
48-73-3001	10 Pairs Ear Plugs
48-73-3151	3 Pk Reusable Corded Ear Plugs



48-73-3001



48-73-2021

MILWAUKEE

Hand Tools

Impact Cut Leather Gloves

**Gloves must be purchased in multiples of 6 pairs*

Number/Size	Description
S: 48-22-8770 M: 48-22-8771 L: 48-22-8772 XL: 48-22-8773 XXL: 48-22-8774	Impact Cut Level 3 Goatskin Leather Gloves
S: 48-22-8780 M: 48-22-8781 L: 48-22-8782 XL: 48-22-8783 XXL: 48-22-8784	Impact Cut Level 5 Goatskin Leather Gloves



48-22-8902



48-22-8932

Winter Insulated Gloves

Number/Size	Description
S: 48-22-8910 M: 48-22-8911 L: 48-22-8912 XL: 48-22-8913 XXL: 48-22-8914	Cut Level 1 Winter Insulated Gloves
S: 48-22-8920 M: 48-22-8921 L: 48-22-8922 XL: 48-22-8923 XXL: 48-22-8924	Cut Level 3 Winter Insulated Gloves



48-22-8912



48-22-8922

Dipped Gloves

Number/Size	Description
S: 48-22-8900 M: 48-22-8901 L: 48-22-8902 XL: 48-22-8903 XXL: 48-22-8904	Cut Level 1 Nitrile Dipped Gloves
S: 48-22-8900B M: 48-22-8901B L: 48-22-8902B XL: 48-22-8903B XXL: 48-22-8904B	Cut Level 1 Nitrile Dipped Gloves (12 Pair Contractor Pack)
S: 48-22-8930 M: 48-22-8931 L: 48-22-8932 XL: 48-22-8933 XXL: 48-22-8934	Cut Level 3 Nitrile Dipped Gloves
S: 48-22-8930B M: 48-22-8931B L: 48-22-8932B XL: 48-22-8933B XXL: 48-22-8934B	Cut Level 3 Nitrile Dipped Gloves (12 Pair Contractor Pack)
S: 48-22-8950 M: 48-22-8951 L: 48-22-8952 XL: 48-22-8953 XXL: 48-22-8954	Cut Level 5 Nitrile Dipped Gloves
S: 48-22-8950B M: 48-22-8951B L: 48-22-8952B XL: 48-22-8953B XXL: 48-22-8954B	Cut Level 5 Nitrile Dipped Gloves (12 Pair Contractor Pack)



48-22-8952



48-22-8772



48-22-8782



48-22-8752

MILWAUKEE

Hand Tools

Dipped Gloves

Number/Size	Description
S: 48-73-8920 M: 48-73-8921 L: 48-73-8922 XL: 48-73-8923 XXL: 48-73-8924	High Visibility Cut Level 2 Polyurethane Dipped Gloves
S: 48-73-8920B M: 48-73-8921B L: 48-73-8922B XL: 48-73-8923B XXL: 48-73-8924B	High Visibility Cut Level 2 Polyurethane Dipped Gloves (12 Pair Contractor Pack)
S: 48-73-8930 M: 48-73-8931 L: 48-73-8932 XL: 48-73-8933 XXL: 48-73-8934	High Visibility Cut Level 3 Polyurethane Dipped Gloves
S: 48-73-8930B M: 48-73-8931B L: 48-73-8932B XL: 48-73-8933B XXL: 48-73-8934B	High Visibility Cut Level 3 Polyurethane Dipped Gloves (12 Pair Contractor Pack)
S: 48-73-8940 M: 48-73-8941 L: 48-73-8942 XL: 48-73-8943 XXL: 48-73-8944	High Visibility Cut Level 4 Polyurethane Dipped Gloves
S: 48-73-8940B M: 48-73-8941B L: 48-73-8942B XL: 48-73-8943B XXL: 48-73-8944B	High Visibility Cut Level 4 Polyurethane Dipped Gloves (12 Pair Contractor Pack)



48-22-0012



48-22-8752

Work Gloves

Number/Size	Description
S: 48-22-0010 M: 48-22-0011 L: 48-22-0012 XL: 48-22-0013 XXL: 48-22-0014	Goatskin Leather Gloves
S: 48-22-8750 M: 48-22-8751 L: 48-22-8752 XL: 48-22-8753 XXL: 48-22-8754	Impact Demolition Gloves



48-73-8922



48-73-8942

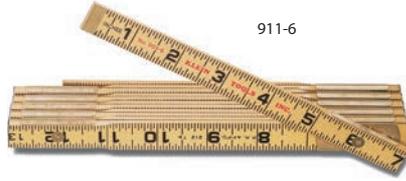


48-73-8932

Lineman's Kits



AC110BK



911-6



C33R-W

6909A



1570-3



2960



GP-203



657



602-8



D2000-9NE



2190-1LOSP

Lineman's Kits

The Professional Lineman's Kit

The Original Lineman's Kit is perfect for linemen and apprentices. Everything you need to get started is in this kit. If you are just starting out, or just need new gear, this is the kit for you.

Number	Description
TB94089A	Buckingham Pole Climbers
9710	Lineman's Boots
2019M	Lightweight Full Float Body Belt
3502C	Buckingham Cinch Pad
25A	Bashlin Canvas Nut and Bolt Bag
19806	Nemesis Safety Glasses
809-36	Lineman's Double-Face Hammer
3146	Klein Standard Lineman's Wrench
42266	Buckingham 5 Pocket Tool Holster w/ Front Hook
D2000-9NE	Klein 9" High-Leverage Side-Cutting Pliers
602-8	Klein 3/8" Keystone-Tip Screwdriver
AC110BK	APEX 10" Adjustable Wrench
GP-203	Fargo Lineman's Ratcheting Box Wrench
911-6	Klein 6" Fiberglass Folding Rule
1570-3	Klein Lineman Skinning Knife
6909A	Buckingham Snap-On Gaff Guard
2960	Non-Conductive Nylon Hand-Line Break-Away Belt Hook
C33R-W	Bullard White Full-Brim Hard Hat
657-SIZE	Illinois Leather-Palm Work Gloves
2190-IL-OSP	Estex Orange Vinyl Gear Bag

Lineman's Kit w/ Fall Protection

Same as the Original Lineman's Kit, but with fall restraint and Adjustable Secondary Safety System Included.

Number	Description
488RQ4	Buckingham Super Squeeze™
9-8	Buckingham Buck Adjuster



BASHLIN

Linemen Tool Belts & Accessories

EZRIDER

Like working in a "Rocking Chair". Saddle design relieves hip and leg pressure. 4 D-rings work great with all the fall protection devices. Worn slightly higher than a standard tool belt.



Number	Description	Ship Wt.
88UX4DMP	Nylon Mesh Cushion	6.50 lbs
88UX4DCC	Leather Cushion	7.0 lbs



88UX4DMP

EZRIDER LITE

Lightweight, available with or without lower "D" rings, and available in nylon or leather cushion.



Number	Description	Ship Wt.
1515PX	EZ-Lite - Nylon Cushion	4.50 lbs
1515PXCC	EZ-Lite - Leather Cushion	4.70 lbs
1515PX4D	EZ-Lite with D Rings (Universal)	4.60 lbs
1515PX4DCC	EZ-Lite with D Rings, Leather Cushion	4.80 lbs



1515PX4D

Floridian 4D

The traditional Bashlin Floridian design-with a spot for your secondary lanyard. Shifting primary and secondary D-saddles in line. A very comfortable belt with durable quality.



Number	Description	Ship Wt.
884D	Floridian 4D	5.0 lbs
88X4D	Floridian 4D - Black	5.0 lbs



88X4D

Hip Grip 4D

Pliable and removable 1 3/4" upper tongue. In-Line fully floating D-ring. Contour back for additional comfort.



Number	Description	Ship Wt.
88BIX4DCC	Hip Grip 4D	9.0 lbs



88BIX4DCC

WARNING: Never carry wire tools, or anything other than the "positioning" strap in the D-rings of a tool belt. Foreign objects carried in the D-rings may cause the snap to malfunction, and accidental disengagement to occur. All Basklin's tool belts are to be worn snug as possible with the main "D" Rings and billet on or above the hips. Wearing belts improperly may cause accidents or death.

BUCKINGHAM

Linemen Tool Belts & Accessories

Number	Description	Ship Wt.
1988M	Nyback body belt	5.0
2018M Body Belt The new stacked 2018M 4 dee body belt features the Dri-lex® liner, Stacked dee rings, 2 large full float double bar dees, 2 small dee rings, and a removable MAN RATED gut strap (Must be used with a Buckingham provided gut strap).		
Number	Description	Ship Wt.
2018M	Light Weight Full Float Body Belt	
2019M Body Belt The 4 Dee Body Belt features a Dri-lex® liner, Stacked dee rings, 2 large full float double bar dee rings, 2 small dee rings, and a Back support; no gut strap included.		
Number	Description	Ship Wt.
2019M	Light Weight Full Float Body Belt	6.7
20182M Mobility Belt This four dee ring belt supports the use of wood pole fall restriction devices, and features a fully padded 9" high back, wrapped in quality ultra-soft leather and no lower strap, allowing ultimate mobility.		
Number	Description	Ship Wt.
20182M	Buck Mobility Belt (Leather)	
20192M-BH Short Black Mobility Belt Revolutionary belt that offers a man rated upper waist belt strap that is bound to the lower work positioning D-ring strap by 1 3/4" web, providing ultimate mobility and freedom of movement. Includes a fully padded 7 1/2" high back more accessible to the user.		
Number	Description	Ship Wt.
20192M-BH	Heritage Short Back Mobility Belt	
20182M-BH Mobility Belt With the same features as the 20192M-BH except with a fully padded 9" high back. This belt also has four Stack Dee rings and supports use of Wood Pole Fall Restriction Devices like the BuckSqueeze™, SuperSqueeze™ & EZ Squeeze. Class 1 sizing.		
Number	Description	Ship Wt.
20182M-BH	Heritage High Back Mobility Belt	



2018M



2019M



20182M



20192M-BH



20182M-BH



Buckingham Body Belts may be used by persons weighing up to 350 lbs, when fully outfitted with tools and equipment.

BUCKINGHAM

Linemen Tool Belts & Accessories

Adjustable Short Back Belt 20192CM

4 D-Rings, adjustable man rated upper belt strap, fully padded 7" short back, and adjustable lower work positioning D-piece.

Belt Size	D Size
S	20, 21, 22
M	23, 24, 25
L	26, 27, 28
X	29, 30, 31, 32



20192CM

Buck Big Mouth Bag

New and improved equipment bag with an extended wide mouth (15 1/2 x 22") to make it easier and faster for workers to store all of their PPE, gear, tools, and other items with ease.

Number	Description
47333G9R55	Big Mouth Bag



47333G9R55

BuckAlloy™ Lightweight Climbers

Three new versions of the already popular, standard polished climber. The most durable and cost effective aluminum climbers in the industry, that provide strong, lightweight comfort for total confidence when climbing.

Number	Description
A94089A-BL	BuckAlloy™ Black Climber
A94089A-SG	BuckAlloy™ Safety Green Climber
A94089A-MS	BuckAlloy™ Matte Silver Climber



A94089A-BL



A94089A-SG

JELCO

Linemen Tool Belts & Accessories

551 Series Lineman Belt

Convenience of 4 D-Rings, with the old-school practicality of a tongue buckle belt.

Number	D Size
86761	18/36
86762	19/37
86763	20/38
86764	21/40
86765	22/41
86766	23/42
86767	24/44
86768	25/45
86769	26/46
86770	27/48
86771	28/49
86772	29/50
86773	30/51



86761

BASHLIN

Pole Climbers & Accessories

BD14 Series

This aluminum offset climber features a replaceable, forged steel gaff. The aluminum alloy construction weighs 30% less than comparable steel climbers, reducing fatigue and adding climbing comfort. Bashlin pole climbers include #2 gaff guard and #5 gaff gauge, standard.

Number	Description	Ship Wt.
BD14-1N	Bottom straps attached	4.25 lbs
BD14-2N	Bottom straps attached, and top straps	4.75 lbs
BD14-4N	Bottom straps attached, top straps and #130D pads	5.50 lbs
BD14-5N	Bottom straps attached, top straps and #140D pads	5.75 lbs

Climber Straps

These nylon climber straps are durable, pliable and comfortable, featuring double rivets and a protective buckle shield.

Number	Description	Ship Wt.
85-N	Top straps - 1-1/16" x 24"	10 oz
87-N	Two piece lower straps - 1-1/16" x 28" (original style, to be used on the triangular ring of Bashlin climbers. Assembly required)	11 oz
89-N	Two piece lower straps with split rings - 1-1/16" x 28"	11 oz



BASLIN

Pole Climbers & Accessories

Replacement Parts

For Bashlin Climbers	BD14 Series	BD12 BD16B Series	Ship Wt.
Gaffs 1-5/8"	#14	#14	0.50 lbs
Bashlin #14 Gaff Kits come with two gaffs and the # 4G gaff screws.			
Gaff Screws	# 4G	# 4G	0.05 lbs
Order Bashlin # 4G for gaff screws only.			

Only Bashlin replacement gaffs may be used on Bashlin Climbers. Contact Techline Tools for availability of any replacement parts not shown.

Gaff Guards

Protect the tips of your gaffs and yourself with Bashlin's # 2 gaff guard with hook/loop attachment.

Number	Description	Ship Wt.
2	Gaff guard	0.20 lbs

Gaff Gauge

This gaff gauge measures the correct length, width, thickness and shape of the gaff. This gauge is for use on Bashlin #14 Pole Gaffs only.

Number	Description	Ship Wt.
5	Gaff gauge	0.20 lbs

Gaff Shaping Kit

This gaff shaping kit includes all of the necessary tools to maintain gaffs. The components include a sharpening stone, 6" mill file, wood file handle and gaff gauge in a compact case. This gauge will work only with Bashlin gaffs. Individual components are available. Please contact Techline Tools for availability.

Number	Description	Ship Wt.
27	Gaff Shaping Kit (complete)	0.55 lbs



BUCKINGHAM

Pole Climbers & Accessories

Pole Climbers

Number	Description	Ship Wt.
A94089AV	BuckAlloy Aluminum Climbers with Hook and Loop Straps	2.0 lbs
TB94089A	Titanium Pole Climbers with Hook and Loop Straps	2.0 lbs
SB91089A	Steel Pole Climbers with Hook and Loop Straps	2.0 lbs

Cushion Wrap Pads

These pads are designed to keep the climber stationary while providing unmatched comfort and ease of wearing. Velcro® straps allow infinite adjustment, and easy on/off. Available w/ angled or straight metal inserts, with or without cinch.

Number	Description	Ship Wt.
3500	4" cushion wrap pad	1.0 lbs
3503	3" cushion wrap pad	1.0 lbs
3502	4" cushion wrap pad (w/ metal inserts)	1.0 lbs

Climber Footplate

These footplates attach to the climber stirrups to help eliminate the discomfort in the feet, ankles and knees caused by standing on a pole for extended periods of time. They feature rugged steel construction and non-slip rubber soles.

Number	Description	Ship Wt.
35033	Climber footplate	4.0 lbs

Gaff Replacements

Number	Description	Ship Wt.
T9206 A	1-3/4" Pole Gaff (use w/ Bucklite titanium climbers). Available in 12o or 16o angle. Use on climbers issued prior to January 2011.	1.0 lbs
NB9206A	Replaceable Dowel and Screw Gaff 16 Degree angled replaceable dowel & screw pole gaffs. To be used with T, TB & SB climbers. Use on climbers issued AFTER January 2011.	1.0 lbs

Gaff Protectors

Plastic-coated spring type clip-ons protect gaffs from damage.

Number	Description	Ship Wt.
6909	For permanent gaff pole climbers	1.0 lbs
6909U	Universal gaff guard	1.0 lbs
6909A	Snap on Gaff Guard	

SB91089A

TB94089A



A94089AV



3500

3503



35033



T9206A



NB9206A



6909A



6909U



BUCKINGHAM

Two-Part Climber Strap

These two-part foot straps are available in nylon and leather. They are assembled on a split ring and are 26" in length. Sold in pairs only.

Number	Description	Ship Wt.
21391	1" folded nylon	1.0 lbs
21341	1" harness leather	1.0 lbs

Single-Piece Straps

Description One-Piece	1" Nylon	1" Harness Leather	1-1/4" Harness Leather
22"	2239	2234	2235
24"	2439	2434	2445
24" w/ Buckle Pad	2449	2444	2435
26"	2639	2634	2635
24" w/ Buckle Pad	2649	2644	2645

Pole Climbers & Accessories



21341



2239

KLEIN

Snap-On Gaff Guard

These plastic-coated, coil-spring gaff guards snap onto pole climbers for quick, convenient protection. Features an extra-sturdy spring-wire clip.

Number	Description	Ship Wt.
1972G	One pair of snap-on gaff guards	2.0 oz

Gaf Sharpening Kit

This kit features a complete set of gaff sharpening tools and instructions for use in a convenient roll-up black canvas case with tie. Kit features an 8" fine tooth file, 3" honing stone and a Klein KG-1 gaff gauge.

Number	Description	Ship Wt.
KG-2	Gaff sharpening kit	10.0 oz

Pole Climbers & Accessories



1972G



KG-2

BASHLIN

Tool Belt Holsters & Accessories

Linemen's Holsters

These premium quality holsters feature double backs which are reinforced for extra wear.

Number	Description	Ship Wt.
111HS	3-Pocket Holster for pliers, rule, screwdriver, knife or wrench	1.0 lbs
111HLS	4-Pocket Holster for pliers, rule, screwdriver, Channellock, knife or wrench	1.0 lbs
111HLDS	5-Pocket Holster for pliers, rule, screwdriver, Channellock, ratchet driver, knife or wrench	1.0 lbs



111HS

111HLS

111HLDS

BUCKINGHAM

Tool Belt Holsters & Accessories

Leather Holsters

Made of high grade leather, these holsters in both the four and five-pocket models feature 3" belt tunnels, snaps and covered backs.

Number	Description	Ship Wt.
49261	four-pocket leather tool belt holster	0.60 lbs
42266	five-pocket leather tool belt holster	0.70 lbs



49261

42266

ESEX

Climbing Belt Accessories

Hand Line Carrier

Number	Description	Ship Wt.
2960	Hand line carrier	1.0 oz



2960

KLEIN

Climbing Belt Accessories

Tape Thong

This tape thong with fiber bar fits all standard electrical tape rolls, and is slotted for easy attachment to belt.

Number	Description	Ship Wt.
5130	12" all-leather tape thong	0.30 lbs



5130

BASHLIN

25A Bolt & Nut Bag

Made of #8 cotton duck, with reinforced bottom. Belt attachment is by two straps joined by snaps and "D"s.

Number	Length	Height	Width	Ship Wt.
25A	8-1/2"	9"	4"	0.70 lbs

25PS Bolt & Nut Bag

Offers a wide opening bag with leather bottom and snap attachment.

Number	Length	Height	Width	Ship Wt.
25PS	8"	8"	2-1/2"	0.60 lbs

Bolt & Nut Bags



ESTEX

1061 Bolt & Nut Pouch

This heavy duty canvas pouch features top quality hardware, real leather reinforcements and easy belt attachment.

Number	Length	Height	Width
1061	8-1/2"	10"	2"

1120 Bolt & Nut Pouch

This pouch features a rounded bottom to force parts to the center of the bag, and the addition of a quick release snap.

Number	Length	Height	Width
1120	6-1/2"	8-1/2"	3"

Bolt & Nut Bags



ESTEX

Linemen Tool Bags

Canvas Tool Bags

All Estex canvas tool bags are constructed of heavy canvas, 1/4" double-tempered masonite bottoms, heavy duty polypropylene web handles sewn completely around, heavy steel top frames, featuring leather-reinforced top grain leather straps, double-riveted with rivet caps, industrial weight nickel-plated snaps on the pockets, and heavy vinyl-coated nylon bottom reinforcements & weather seals.

Number	Length	Height	Width
2114-14	14"	10"	7-1/2"
2114-24	24"	14"	10"
2160	22"	14"	10"
2171	22"	14"	10"

Vinyl Tool Bags

All Estex vinyl tool bags are constructed of heavy vinyl-coated nylon, 1/4" double-tempered masonite bottoms, heavy-duty polypropylene web handles sewn completely around, heavy steel top frames, featuring leather-reinforced top grain leather straps, double-riveted with rivet caps, industrial weight nickel-plated snaps on the pockets, and heavy vinyl-coated nylon bottom reinforcements & weather seals.

Number	Length	Height	Width
2190	24"	19"	10"
2190-1LOSP	24"	19"	10"



2114-24



2160



2171



2190



2190-1LOSP

WESCO

Work Boots & Accessories

Highliner Series

This rugged series of Linemen's boots features leather side patches, heavy steel shanks, leather half-slips, oil resistant double-stitched soles and heels, recessed metal heel breast plates, and steel side plates.

Number	Color / Description	Height	Sizes
9716	Blk / lace to toe	16"	6 - 13
RW9716	Redwood / lace to toe	16"	7 - 13
9710	Blk / lace to toe	10"	6 - 13
RWST8716	Redwood / steel toe	16"	7 - 13
ST8716	Blk / steel toe	16"	7 - 12



Bee Seal Plus

Condition your boots to handle the elements with Bee Seal Plus boot dressing, specially formulated for superior waterproofing and protection.

Number	Description
BSP1000	Bee Seal Plus

Mink Oil

If you're planning to store your boots for a period of time, you'll want to first treat them with Wesco Mink Oil to ensure a long life for your boots.

Number	Description
MO-102	Mink Oil



MO-102

BO100-W

BSP1000

Bee Oil

Bee Oil should be used as a primer and followed by Bee Seal Plus.

Number	Description
BO100-W	Bee Oil, 4 oz

Leather and Nylon Boot Laces

When ordering laces, be sure to specify the boot size.

Number	Description
TANNYLON84	Nylon - 84" lace f/ 10" boot
TANNYLON120	Nylon - 120" lace f/ 16" boot



TANNYLON120

NASCO

ArcLite™ HiVis™ 1500 Series

The ArcLite™ HiVis™ is a unique value-added raingear system designed for workers potentially exposed to momentary electric arcs and daytime/nighttime work zone visibility hazards. The ArcLite™ HiVis™ provides unique 4-way protection:

- **Arc Resistance**
7.6 cal/cm² Arc Thermal Performance Value
-ASTM F1891-99
- **High Visibility**
Class 3 Level 2 ANSI/ISEA 107-1999 style
- **100% waterproof foul weather protection**
- **Switching**
36.8 cal/cm² Energy Breakthrough
Above Stoll-ASTM F1891-99

Sizes	S	M	L	XL	2XL	3XL
Chest Size	36-38	40-42	44-46	48-50	52-54	56-58
Waist Size	32-34	36-38	40-42	44-46	48-50	52-54

WorkLite™ 80 Series

The WorkLite™ 80 Series suit is a flame retardant, lightweight yet highly durable raingear system, featuring 200-Denier Nylon Dupont™ Type 66 (DWR), special polyurethane coating for tear resistance, two needle construction and a unique sealing system to ensure protection from the elements.

Sizes	S	M	L	XL	2XL	3XL
Chest Size	36-38	40-42	44-46	48-50	52-54	56-58
Waist Size	32-34	36-38	40-42	44-46	48-50	52-54

Rainsuits



Custom logos available on request.
Long & Tall options available, please contact us.

ESTEX

Rainsuit Storage Bags

These water-resistant bags protect your raingear against rips, punctures and tears, and are available in two varieties: model 2500-1 secures with snaps and is especially suitable for NASCO's ArcLite Pro Series rainsuit, while model 2511 secures with drawstrings and is especially suitable for NASCO's WorkLite 80 Series rainsuit, both available in this section of your Techline Tools catalog.

Sizes	M	XL	3XL
2500-1	10"	14"	6"
2511	16"	25-1/2"	

Rainsuit Storage



2500

HONEST ABE

Work Gloves

Leather Gauntlet Cuff

Available in small, medium, large and extra-large, this glove features a rubberized gauntlet cuff for superior protection.

Number	Description
657	Select top grain cowhide, gauntlet cuff

Leather Short Cuff

Available in small, medium, large and extra-large.

Number	Description
655	Select top grain cowhide, short cuff

Leather Driver Style

This glove features a tape and ball adjustable wrist strap, and is available in small, medium, large and extra large.

Number	Description
20	Top grain cowhide driver style

Pigskin

Featuring a keystone thumb, this pigskin glove is available in small, medium, large and extra-large.

Number	Description
22	Top grain pigskin

Cotton Knit Liner

Constructed of 100% cotton, this liner offers warmth and superior durability.

Number	Description
312	100% cotton knit liner



KUNZ	
Leather & Thermax Work Gloves	
Number	Description
956	Driver Style Cowhide
956E	Driver Style Buckskin
700	White Thermax glove liner
556	Work Gloves with 4" Cuff

KLEIN	
Leather & Neoprene with 4" Cuff	
Number	Description
40080	4" Cuff Leather & Neoprene

SALISBURY	
Utility Gloves	
Number	Description
UWG-KLG	KEVLAR Utility Glove – All Purpose, Cut Resistant
UWG-HUXT	Pro Utility Glove – All Purpose, Abrasion Resistant

YOUNGSTOWN	
Leather & Kevlar Work Gloves	
Number	Description
12-3270-80-[SIZE]	Nomex Mechanics Hybrid Goatskin palm lined FR - with KEVLAR; Meets NFPA 70e-2012
11-3280-60-[SIZE]	Leather Utility Plus, Goatskin, Cut Resistant FR - 100% KEVLAR Lined
11-3285-60-[SIZE]	Waterproof Leather Utility Glove lined with Kevlar; Keeps hands Warm, Dry, & Protected) -FR

Work Gloves



12-3270-80-(SIZE)

11-3280-60-(SIZE)

11-3285-60-(SIZE)

When ordering gloves, state hand size.
Available in sizes SM - 2XL.

KUNZ/YOUNGSTOWN/ SALISBURY/CHANCE

Rubber Gloves & Leather Protectors

Leather Glove Protectors

Protectors are constructed of top grain cowhide leather, reinforced strip in thumb crotch, non-metallic strap with fluorescent cuff. Available in lengths of 12", 14", 15" and 16". Styles are available in straight, contour and bell cuffs.

Low-Voltage Glove Protectors

Same quality features as the 1057 and 1050 Protectors, except with elastic back and 10" length.

Secondary Leather Protectors

VERSION	Secondary	Cut-Resistant Secondary
LEATHER	Goat Grain	Goat Grain
ARC RATING	25 Cal/cm ²	36 Cal/cm ²
ANSI CUT	N/A	A3
PUNCTURE	3	4
LINING	Unlined	100% Kevlar
SIZE RANGE	7 to 12	7 to 12
Overall Length	SKU #	SKU #
10"	16-4100-10	16-4200-10
13"	16-4100-13	16-4200-10

Primary Leather Protectors

VERSION	Primary	Cut-Resistant Primary
LEATHER	Cow Grain	Cow Grain
ARC RATING	32 Cal/cm ²	48 Cal/cm ²
ANSI CUT	N/A	A3
PUNCTURE	5	5
LINING	Unlined	100% Kevlar
SIZE RANGE	7 to 12	7 to 12
Overall Length	SKU #	SKU #
12"	16-5100-12	16-5200-12
13"	16-5100-13	N/A
14"	16-5100-14	16-5200-14
14" MITT	16-5100-14	N/A
15"	16-5100-15	N/A
16"	16-5100-16	N/A

SALISBURY/CHANCE/NOVAX



When ordering protectors, state hand size. Available in sizes 8 - 12.



Rubber Gloves & Sleeves

Insulating Gloves

Made from high quality natural gum rubber, these gloves are contoured to offer superior comfort and protection.

Lineman Grade Gloves - Available in: Straight Cuff - Class 00, 0, 1, 2, 3, 4
Bell Cuff - Class 1, 2, 3, 4
Contour Cuff - Class 2, 3, 4



Rubber Insulating Sleeves

Designed to provide maximum coverage and protection for arms and shoulders. Made of the highest quality natural gum rubber, these sleeves are available in straight and curved arm styles in regular, large and extra large sizes.

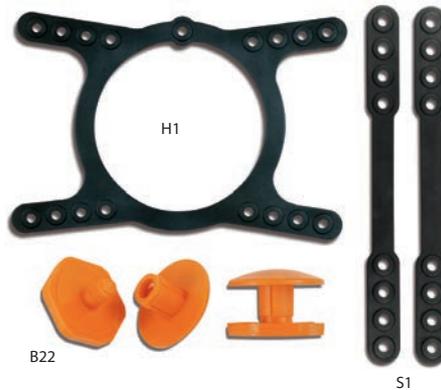


Sleeve Accessories

Protective sleeves are held in place by a one-piece reinforced sleeve harness, or molded sleeve straps. Both feature sturdy construction with reinforced holes to allow ample comfort adjustment and will not rip at stress points.

Fasteners are non-metallic screw-type and will not tear loose accidentally. Large hex heads allow adjustment even while wearing gloves. Flanged screw design will not tear sleeve or harness, or catch on clothing.

Number	Description
H1	Reinforced sleeve harness
S1	Reinforced sleeve straps
B22	Positive grip screw-type fasteners



Glove Dust

Cooling powder absorbs moisture and perspiration. Minimizes friction and acts as lubrication to prevent sticking. Does not harm skin or reduce dielectric value of gloves and sleeves.

Number	Description
10-4	6 oz bottles



ESTEX

Accessories For Gloves & Sleeves

High-Voltage Glove Bags

These heavy duty canvas glove bags feature the same double-stitched seams, nickel-plated snaps, ventilation eyelets and a three-piece leather snap holder on back, with the additional room needed for high-voltage gloves. Heavy natural canvas bags are available in 15", 18", 20" heights, extra-heavy natural canvas bags in 20" only. (ask for model 2436)

Number	Length	Height	Width
2220	8"	15"	4"
2223	8"	18"	4"
2226	8"	20"	4"
2436	8"	20"	4"

Sleeve Bags

This traditional, natural canvas sleeve bag's 9" top length allows for easy storage, and features both a quick release snap on back and a snap and D-ring on front.

Number	Length	Height	Width
2310	7" x 9"	28"	2"

Sleeve & Glove Bags

This handy combination bag is really an extra-large sleeve bag (see measurements below) with a glove pocket measuring 8" long, 4" wide and 17" high securely attached to its side, both with snap closures.

Number	Length	Height	Width
2449-TU-C	12" x 8"	29"	4"

Low-Voltage Glove Bags

Constructed of heavy-duty canvas, these bags feature double-stitched seams, nickel-plated snaps, ventilation eyelets and a three-piece leather snap holder on back.

Number	Description	Dimensions
2210	Natural canvas w/ snap	8"L, 2"W, 12"H
2212	Yellow vinyl w/ snap	8"L, 2"W, 12"H



BASHLIN

Pole Lariat



The Pole Lariat is the only WPRD available that allows the lineman to climb a pole in the classic sense. The pole rope has a red wear indicator for easy inspection. It measures 8 feet long, and connects to the line belt either with D-Loops (77BCS) or the Uniloop (77BCSA). The Uniloop (77BCSA) should not be used on tool belts with "Quick Release" buckles.

Number	Description
76PAT	Pole Patriot

2000 Series Lanyard



This lanyard is of standard 6' length, and comes with shock absorbing device and double action locking snaps.

Number	Description	Ship Wt.
2004NWB-6	6" nylon web lanyard	2.50 lbs

683X Style Harness



This harness was designed for the utility industry. It has steel connectors and field proven 10,000 lb. test nylon webbing.

Number	Description	Ship Wt.
683XAF	Nylon Loop	3.50 lbs

Fall Protection



76PAT

2004NWB-6



683XAF



BUCKINGHAM

Full Body Harness



Buckingham offers a full array of full body harnesses to be used in fall arrest, work positioning, retrieval and repelling applications, and will design and manufacture a harness to accommodate your needs. Call for additional fall protection equipment.

Number	Description
6393700	Small Less than 5', 7"
	Medium 5', 7" to 6'
	Large 6' to 6',3"
	X-Large Taller than 6', 3"

X Style Full Body Harness

Features web dorsal loop attachment, Kevlar mesh shell, foam padded shoulder and leg pads for added overall comfort.

Number	Description
603S8C700K1	X Style Full Body Harness

Fall Protection



6393700

603S8C700K1



BUCKINGHAM

Fall Protection

H Style Full Body Harness

Offers comfort and ease of wear. Unique shoulder pads are made from arc rated fabric with FR padding. Features a 5000 lb rated nylon dorsal loop - Other options available.

Number	Description
68D98C74COK4	H Style Full Body Harness

Buckyard Lanyard

For full body harness w/web loop dorsal attachment. Expands to 42" 17061 locking snap hook on one end and web loop on the other.

Number	Description
84V116+Z	Buckyard Lanyard

SuperSqueeze

Number	Description
488DWMC	For Use with Rope or Web Strap
488RQ4	For Use with Rope or Web Strap

EZ Squeeze

Number	Description
490DWMC	Distribution Carabiner
490R	Distribution Carabiner/Rope

Buck Adjuster

Fully adjustable positioning Lanyard (APL) 8 ft. in length & 1/2 inch in diameter and features the patent pending BuckGrab.

Number	Description
9-8	Fully adjustable positioning Lanyard - Other options available



68D98C74COK4



84V116+Z



488DWMC



490DWMC



9-8



490R



488RQ4

DBI – SALA

Fall Protection

ExoFit NEX Arc Flash Full Body Harness

Harness features PVC coated aluminum back D-ring, Nomex/Kevlar webbing and quick-connect buckle leg straps. The ExoFit NEX wraps around you for the ultimate in no-tangle donning and comfortable security. The arc flash hybrid padding located in the shoulder, hip and leg is built-in so it can't slip. Duo-Lok quick connect buckles are lightweight and locks adjustment into place. Arc flash rated trauma straps provide an adjustable, continuous loop for post fall situations. ASTYM F887-11 rated with 420 lb capacity.

Number	Description	Ship Wt.
1103085 to 1103088	ExoFit NEX Arc Flash Full Body Harness	3.8 lbs



1103085

6' ShockWave 2 Nomex/Kevlar Arc Flash S/A Lanyard.

The Shockwave2 lanyard that meets Arc Flash Standard ASTM F887-05, Great for welding applications and with the ExoFit XP Arc Flash and Delta II Arc Flash harnesses, Nomex/Kevlar tubular webbing outer jacket, Expands to 6 ft. and contracts to 4-1/2 ft. in reaction to your movements, Reduces trip fall hazards, dragging and snagging for complete freedom of movement, Choker web loop for use with web loop harnesses and easy to use self locking snap hook at other end, Impact indicator allows user to visually inspect unit for a fall, 6 ft. in length, Limits arresting forces to 900 lbs. or less, Electric arc tested to 40 cal/cm2, Meets or exceeds all applicable industry standards including OSHA and ASTM F887-05.

Number	Description	Ship Wt.
1244611	6' ShockWave 2 Nomex/Kevlar Arc Flash S/A Lanyard.	



1244611

Adjustable Rope Positioning Strap

The 8 ft. DBI SALA Adjustable Rope Positioning Lanyard is designed for positioning and restraint, perfect for when you're working at heights. The rope lanyard includes an integrated rope adjuster, which allows you to change the length of the lanyard to fit your work area. For instance, if you're climbing a tower and need to remove slack, you can adjust it using just one hand. Capacity: One user – 350 lbs (140kg), Connectors: Alloy steel 5000lbs tensile strength, 3600lb gate strength, Rope Adjustor: Lightweight Machined aluminum with gold anodized finish, Rope: High visibility orange 7,000 lb tensile strength, 16 strand construction with plied polyester over fibrillated polyolefin, Standards: OSHA 1910.268(g), 1926.502(e), & 1926.959.

Number	Description	Ship Wt.
1234070	Adjustable Rope Positioning Strap	2.2 lbs



1234070

DBI – SALA

ShockWave 2 Shock Absorbing Lanyard with Choker End

Features a web loop at one end to reduce weight and electrical conductivity, with an easy to use self locking snap hook at the other end. Limits arresting forces to 900 lbs. or less, reduces trip fall hazards, dragging and snagging for complete freedom of movement.

Number	Description	Ship Wt.
1244310	Expands from 4-1/2 ft. to 6 ft.	--

Cynch-Lok Fall Restricting Pole Strap for Distribution & Transmission Poles

The most user-friendly strap of its kind, meeting stringent CSA 259.14 standards.

Number	Description	Ship Wt.
1204057	--	4.8 lbs

Fall Restricting Pole Strap - Web Distribution & Transmission Poles

Cynch-Lok® feature for easy adjustment while “hitch-hiking” poles. Exterior straps can be changed depending on the type and size of pole. Cynch-Lok’s unique design “cynches” around a pole in the event of a cut-out or fall. When used correctly, it limits your fall distances in accordance with CSA standards.

Number	Description	Ship Wt.
1204075	--	4.8 lbs

Fall Protection



JELCO

Pole Choker 5

Wood pole climbing fall arrest system

Number	Description	Ship Wt.
03724	4.5 ft	--
03725	5.25 ft	--
03726	6.2 ft	--
03727	6.8 ft	--

Adjustable Rope Lanyard

Number	Description	Ship Wt.
13302	w/ Aluminum Carabiner	1.93 lbs
13242	w/ Aluminum Snap Hook	1.93 lbs

Fall Protection



SALISBURY

Protective Wear

AS1000 Series Protective Face Shield Units & Accessories

Number	Description
AS1000	AS1000FS Shield w/ ASCP Chin cup & slotted ASSLB BRACKET. Fits most slotted front brim hard hats.
AS1000U	AS1000FS Shield w/ ASCP chin cup & universal BRACKET Fits most front brim hard hats.
AS1000FB	AS1000FS Shield w/ASCP chin cup & universal FBBRACKET. Fits most full brim hard hats.
AS1000R	AS1000FSR Shield w/ ASCP chin cup and ASRHG 4 pin lock head band w/ 4" arc guard.
AS1000HAT	AS1000 w/ SA79R front brim hard hat.
ASBAG	Cotton canvas storage bag w/ drawstring closure & fleece interior, for AS1000 series products.
SA79	Peak front brim hard hat with rain trough, 4-Point nylon suspension, pin-lock adjustment. ANSI & CSA Type I, Class E. Dielectrically rated. ANSI Z89.1-2003
SA79R	Peak front brim hard hat with rain trough, 4-Point nylon suspension, ratcheting adjustment. ANSI & CSA Type I, Class E. Dielectrically rated. ANSI Z89.1-2003

AS1200 Series Protective Face Shield Units & Accessories

Number	Description
AS1200	Weight balancing arc flash protection face shield unit
AS1200FB	12 cal/cm2, universal fit, arc flash protection face shield unit f/ full brim hard hats
AS120RG-FB	Orange chin guard for AS1200FB
AS12CLR-FB	Transparent chin guard for AS1200FB
AS1200FS-FB	Replacement face shield/window 12 cal/cm2 for AS1200FB full brim
AS1200U	12 cal/cm2, universal fit, arc flash protection face shield unit f/ front brim hard hats
AS12CLR	Transparent chin guard for AS1200 series front brim
AS1200FS	Replacement window for AS1200 series front brim
AS1200HAT	Weight balancing arc flash protection face shield unit w/ hard hat
AS1200HAT-CLR	AS1200HAT w/ transparent chin guard
AFLENS	Anti-fog inner lense
ASFL	Arc rated attachable task light (1)
AS12CLIP	Replacement clips set (2) for AS1200HAT shield
FLCLIP	Attachable task light clip (1)
FLKIT	Attachable task light clip (1) & FLCLIP
AS12CLR	Transparent chin guard
AFLENSU	Inner Anti-Fog Lense for Pro-Hood®



AS1000



AS1000U



AS1000FB



AS1000R



SA79



AS1000HAT



AS1200FB



ASBAG

SALISBURY

Protective Wear

All Pro-Wear® Arc Flash Protection Clothing

Number	Garment Sizes	ATPV Rating cal/cm²	HRC
SKB	S, M, L, XL, 2XL or 3XL	8	2
SKCA8	S, M, L, XL, 2XL or 3XL	8	2
SK11	S, M, L, XL, 2XL or 3XL	12	2
SKCA11	S, M, L, XL, 2XL or 3XL	12	2
SK20	S, M, L, XL, 2XL or 3XL	20	2
SK31	S, M, L, XL, 2XL or 3XL	31	3
SK40	S, M, L, XL, 2XL or 3XL	40	4
SK40PLT	S, M, L, XL, 2XL or 3XL	40	4
SK55	S, M, L, XL, 2XL or 3XL	55	4
SK75	S, M, L, XL, 2XL or 3XL	75	4
SK100	S, M, L, XL, 2XL or 3XL	100	4



SALISBURY PRO-WEAR® Color Code	Hazard Risk Category (HRC)	Clothing Description (Typical Number of clothing layers given in parentheses)	Minimum Arc Rating of PPE
Navy Blue	1	Arc rated long-sleeve shirt and pants or arc rated coverall plus arc rated face shield or switching hood (1)	8 cal/cm²
Royal Blue	2	Arc rated long-sleeve shirt and pants or arc rated coverall plus arc rated face shield with a balaclava or switching hood (1 or 2)	8 cal/cm²
Gray / Khaki	3	Arc rated long-sleeve shirt, pants and coverall and jacket and pants or total arc rated clothing system with hood (2 or 3)	25 cal/cm²
Green	4	Arc rated long-sleeve shirt and pants and coverall and jacket and pants or total arc rated clothing system with hood (2 or 3)	40 cal/cm²
	4	PLT Arc rated long-sleeve shirt and pants and coverall and jacket and pants or total arc rated clothing system with hood (2 or 3)	40 cal/cm²

Protective Wear/Arc Suits

Protective Clothing also available on request
from the following manufacturers:

Red Kap / Bulwark
Steel Grip
Gear Arc Safety
Walls
FR Wrangler
Salisbury
LAPCO.



KIMBERLEY-CLARK

Protective Eyewear

Nemesis eyewear meets the latest ANSI Z87.1 2003 Standard. Durable, lightweight and provide optimum protection. **OTHER STYLES AVAILABLE**

Number	Description	Boxes
3000356	Nemesis - Smoke Mirror Lens, Black Frame	12/Box
3020707	Nemesis - Smoke AF Lens, Camo Frame	12/Box
3020709	Nemesis - Smoke AF Lens, Red Frame	12/Box
3020286	Nemesis - RX Smoke Lens, Black Frame, +2.0	6/Box

RADIANS

Cheaters

Magnification diapter molded into polycarbonate lens. Adjustable temples w/ rubber pads & nosepiece.

Number	Description
CH1-110	Lens Color - Clear 1.0
CH1-115	Lens Color - Clear 1.5
CH1-120	Lens Color - Clear 2.0
CH1-125	Lens Color - Clear 2.5
CH1-130	Lens Color - Clear 3.0
CH1-215	Lens Color - Smoke 1.5
CH1-220	Lens Color - Smoke 2.0
CH1-225	Lens Color - Smoke 2.5
CH1-915	Lens Color - Indoor/Outdoor 1.5
CH1-920	Lens Color - Indoor/Outdoor 2.0
CH1-925	Lens Color - Indoor/Outdoor 2.5

Eye & Protection



BULLARD	
C30R-W Cap Style	
This cap offers a wider profile for added protection against sun exposure, accessory slots that accept a wide variety of attachments, and is available in both standard suspension and ratchet adjustment for a custom fit.	
Number	Description
C30R-W	Ratchet suspension
C33R-W Full Brim Hat Style	
This cap features a full brim for superior protection against sun exposure, glare, splash and rain, and is also available in both standard suspension and ratchet adjustment.	
Number	Description
C33R-W	Ratchet suspension



MSA	
V-Gard® Protective Helmets	
These protective helmets come in both cap and hat style, and consist of a polyethylene shell and suspension that work together as a protective system.	
Number	Description
475358	Cap Style, Hard Cap Fas-Trac® suspension, ratchet
475369	Full Brim Style, Hard Hat Fas-Trac® suspension, ratchet



3M	
H-800 Series & H-700 Series	
Number	Description
H-701R-UV-L	Cap Style Hard Hat w/ Uvicator Sensor
H-801R-UV-L	Full Brim Hard Hat w/ Uvicator Sensor



Hard Hats & Accessories

Chin Straps

Number	Description	Ship Wt.
ES42	Chin strap, BULLARD	0.40 lbs
88128	Chin strap, MSA	0.40 lbs

Winter Liners

Made of flame-retardant, pre-shrunk cotton twill, these liners are thermal-lined and have elastic web chin straps. Available in small, medium and large.

Number	Description	Ship Wt.
LM660	Med. length liner w/ face mask	0.50 lbs
NK2310	2-ply stretch NOMEX® hood w/ 1-ply cape; flame resistant and launderable	0.30 lbs

Neck Shade

100% cotton sun shade for all helmets, hard hats and caps. Protects neck from sun exposure and UV radiation. Attaches with 3 Velcro® strips that are provided.

Number	Description
CSS	Universal

Sun Shields

"See Through" front for overhead visibility. Extends hat brim up to 360 degrees, depending on model, to protect face, neck and ears from sun exposure.

Number	Description
697410	Hat, MSA
SS5	Cap, BULLARD
SS6	Hat, BULLARD
SS28	Universal



ES42

LM660



NK2310

CSS



SS6



SS28



FIRST AID ONLY

First Aid Kits

Available in multiple combinations and sizes to address different environments, these kits comply with ANSI standards and meet or exceed federal OSHA regulations. They also come with a list of kit contents for easy ordering. Plus they're labelled in both English and Spanish. 7 1/2"L X 4 1/2"H X 2 3/8"W, Contents subject to change without notice.

Number	Kit Includes
240-ANF	<ul style="list-style-type: none"> - (16) 1" X 3" Adhesive Plastic Bandages - (8) 3" X 3" Gauze Dressing Pads - (1) 5" X 9" Trauma Pad - (1) 40" Triangular Sling/Bandage w 12 Safety Pins - (10) B2K Antiseptic Towelettes - (10) First Aid/Burn Cream Packs - (2) 1/2" X 2 1/2 yd First Aid Tape Roll - (10) Antibiotic Ointment Packs - (4) Exam Quality Vinyl Gloves - (1) First Aid Guide

Bloodborne Pathogen Kit

Wall-mountable and come in durable plastic cases. 9"L x 8 3/8"H x 2 1/2"W. Contents subject to change without notice.

Number	Kit Includes
216-OF	<ul style="list-style-type: none"> - (3) Antiseptic Cleansing Wipes, Sting Free - (1) Disposable Gown w/Full Sleeves - (1) Disposable Bonnet - (2) Disposable Shoe Covers - (1) Eye Shield w/ Ear Loop Mask - (1) Fluid Control Solidifier Pack, 21 g - (1) 8" Biohazard Scoop - (2) 24" X 24" Biohazard Bags, 10 gal - (2) 8" X 12" Clear Plastic Bags - (2) Twist Ties - (3) Disposable Clean-Up Towels - (2) 5" X 8" Germicidal Wipes. Covers 7 1/2 sq ft - (1) CPR One-way Valve Face Shield, (Sling Free), All Latex Free - (1) Exam-Quality Vinyl Gloves (Pair) - (1) Bodily Fluid Pick-Up Guide

First Aid Kits

240-ANF



216-OF



FIRST AID ONLY

Burn Kit

This 11 -Piece Bu m Kit has all the basics for dealing with burns. The sturdy plastic carrying case keeps all pieces in one place for speedy response time. A gasket keeps water from getting inside so items stay clean and dry. Kit measures 7 11/16"L x 4 9/16"H x 2 3/8"W.

Number	Kit Includes
440-OFAOF	<ul style="list-style-type: none"> - (1) 3" Conforming Gauze Roll Bandage, Sterile - (1) 3" X 5 yd Cohesive Elastic Bandage Wrap - (1) 1" X 5 yd First Aid Tape Roll - (2) 4" X 4" Water-Jel Burn Dressings - (1) 4" X 16" Water-Jel Burn Dressing - (4) Exam Quality Vinyl Gloves - (1) 4 1/2" Scissors, Nickel Plated

CPR Kits

Kit includes everything needed in a CPR emergency. Packaged in a sturdy, reusable 5"L x 4 1/4"H x 1 5/16"W plastic case. Contents subject to change without notice.

Number	Kit Includes
206-CPRAOF	<ul style="list-style-type: none"> - (2) CPR One-way Valve Face Shields, Latex Free - (4) Exam-Quality Vinyl Gloves - (2) 5" X 8" P.A.W.S. Personal Antimicrobial Wipes - (1) 24" X 24" Biohazard Bag, 10 gal

First Aid Kits

440-OFAOF



206-CPRAOF



ESTEX

Compression Tool & Bolt Cutter Bags

Bags are reinforced with leatherette. Brass grommets in base of bag and side pocket are for drainage and ventilation. Model 2651 has one pocket for compression tool and one pocket for cutters, with two grommets for hanging inside bucket. Model 2651-2 has two pockets for compression tools and one pocket for cutters, plus two grommets for hanging inside bucket.

Number	Description	Length	Height
2651	2 pockets	9" x 10"	19"
2651-2	3 pockets	9" x 10"	19"

Bucket Hooks

Bucket hooks are available in Polymer and PVC. Polymer hooks are molded for high breaking strength and resistance to weather; PVC hooks are formed from PVC rod.

Number	Description
1830	Polymer hook fits all standard buckets
1831	Polymer hook fits buckets w/ 3" lip
1840	PVC hook fits all standard buckets

Bucket Pads

Measure inside bottom of bucket for correct fit.

Bucket pads help to reduce back and leg strain, prevent slipping, protect liner from wear and tear, plus provide thermal insulation in cold weather. Pad is 1/4" textured rubber top layer bonded to 3/4" closed cell foam bottom layer, and is completely waterproof.

Number	Description
2708	Bucket pad

Bucket Covers

Provide outside lip measurements.

Constructed of heavy vinyl-coated nylon, the covers come equipped with a lanyard and snap to keep the cover with the truck, along with heavy bungee cord in the hem.

*Model 2715 features a foam insert to help repel rain and prevent wind whip.

Number	Description
2711	Bucket cover / one-man buckets
2712	Bucket cover / two-man buckets
*2715	Custom-made bucket cover

Collapsible Bucket Covers

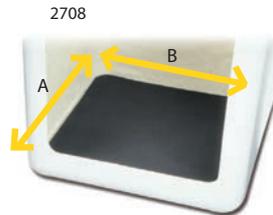
Bungee Cord Closure - Grips Tightly to Bucket

Number	Description	Number	Description
2713BC-24-24	1 MAN	2713BC-27-55	2 MAN W/ END CONTROL
2713BC-30-35	LARGE 1 MAN	2713BC-37-54	2 MAN W/ MIDPOINT CONTROL
2713BC-30-46	1 ^{1/2} MAN MATERIAL HANDLER	2713BC-33-65	2 MAN W/ CONTROL & TOOL TRAY
2713BC-24-48	2 MAN		

Cinch Strap Closure - Additional Safety Feature

Number	Description	Number	Description
2713WC-24-24	1 MAN	2713WC-24-48	2 MAN
2713WC-24-32	1 MAN	2713WC-27-55	2 MAN W/ POLY TOOL TRAY
2713WC-28-34	1 MAN MATERIAL HANDLER	2713WC-33-65	2 MAN W/ CONTROL
2713WC-27-44	1 ^{1/2} MAN W/ CONTROL		

Bucket Accessories



Collapsible Bucket Covers



ESTEX

Line Hose Bags

These bags can be used to send line hose and materials up and down the pole or as a Hot Stick caddy for multiple sticks. They come in either canvas or vinyl with 8" or 12" diameter, depending on your need.

Number		Description
Canvas	Vinyl	
1900	1901	8" diameter x 30" high
1910	1911	8" diameter x 30" high w/ snap
1920	1921	8" diameter x 48" high
1930	1931	8" diameter x 48" high w/ snap
1932		8" diameter x 60" high
1940	1941	12" diameter x 48" high
1950	1951	12" diameter x 48" high w/ snap
1950-60		12" diameter x 60" high w/ snap

Oval Buckets (Aerial Baskets)

These bags are built to last and provide the user with a variety of pocket configurations.

Number	Description
1800	6 tool pockets on 1 side
1810	5 tool pockets on 1 side w/ 2 lg. pouches on the other
1818	9 tool pockets on 1 side w/ 1 lg. pouch on the other
1820	8 tool pockets on 1 side w/ 7 tool pockets on the other
1820-HB	Same as 1820 but w/ polyethylene liner

Bucket Accessories

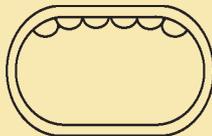


Pocket Configurations

6 tool pockets on one side

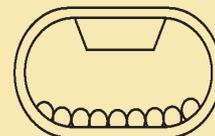
#1800

#1800-HB w/ Hard Body



9 tool pockets on one side

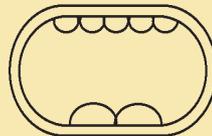
#1818



7 tool pockets on one side

#1810

#1810-HB w/ Hard Body

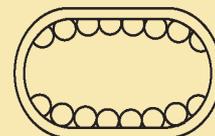


15 tool pockets on one side

#1820

#1820-HB w/ Hard Body

#1820-H-HB w/ Handle and Hard Body



ESTEX

Tool Aprons

Estex tool aprons are constructed with heavyweight canvas or vinyl-coated nylon to ensure years of service, they are rivet-reinforced, PVC-framed, with grommets for easy hanging on the bucket.

Number	Length	Height	Width
1825	18"	10"	4"
1828	18"	10-1/2"	4"
1829-DP	23-7/8"	21-1/4"	4"
1826	18"	19-1/2"	4"

URD & Splicer Bag

This bag comes with 14 pockets on the outside and 15 pockets on the inside. It also comes with carrying handles for working away from the truck.

Number	Description
1815-14-HB	15"L x 7"W x 9"H

Blue Aprons

Single man bucket tool apron, hard body crimp tool pocket, magnetic socket pocket, and 8 hand tool pockets.

Number	Description
1829-WDE	24"W x 28"H x 5"D
1829-WDE-5	24"W x 28"H x 5"D
1829-WDE-MB	24"W x 28"H x 5"D
1829-WDE-H212	24"W x 28"H x 5"D

Bucket Accessories



1825



1829-DP



1815-14-HB



1829-WDE-3



BASHLIN

Tool Carriers

Bashlin tool boards are made of ABS. They do not fray or flake, and still work well in cold weather conditions. This board will hold a hammer, hand tools, bolts and nuts.

Number	Description	Ship Wt
708	w/ 25B bolt bag	6.25 lbs
708-L	w/ 26L bolt bag	7.0 lbs

Bucket Accessories

708-L



HASTINGS

Hard Plastic Holsters

These holsters are available in two models, and attach to buckets with and without liners, both inside or outside, and feature adjustable top brackets for left and righthanded use.

Number	Description
05-832	Impact wrench & drill holster
05-831	Multi-purpose impact wrench/drill holster

Fiberglass Steps

The accessory step makes it easier to get into and out of the bucket. Constructed of high strength fiberglass material and anti-skid step surfaces, the step is available both with a liner (#05-961), and without (#05-960).

Number	Length	Width	Depth	Ship Wt
05-961	26"	8-1/2"	8"	8.0 lbs
05-960	26"	8-1/2"	8"	8.0 lbs

Extra Deep Tool Tray

This tray mounts on the outside of the bucket, and will fit buckets either with or without liners.

Number	Length	Width	Depth	Ship Wt
05-919-1	17"	6-1/2"	24"	17.0 lbs

Fiberglass Tool Tray

This tray has five compartments with removeable partitions. Fits buckets either with or without liners.

Number	Length	Width	Depth	Ship Wt
05-929-1	20"	8"	6"	8.0 lbs

05-832



05-831



05-960

05-919-1



05-929-1



ESTEX

Tool Buckets

These canvas bags are made from highest quality materials, with either rubber, high impact polymer or leather bottoms, and molded PVC top rings to keep them from collapsing. Available in various sizes. Call for additional sizes.

Number	Description
2022	8" diameter x 12" high w/ plastic bottom
2070	12" diameter x 15" high w/ plastic bottom
2068	12" diameter x 15" high w/ rubber bottom
2069	12" diameter x 15" high w/ leather bottom

Harness Bag

This bag is constructed of heavy duty canvas with a hard bottom and a zipper closure, and can be used to carry items other than a harness.

Number	Description
2608-C	14" L x 5-1/2" W x 8-3/4" H

Tool Buckets & Bags

2070



2022



2608-C



IGLOO

IGLOO Coolers

These coolers, available in red and yellow high visibility safety colors, with reinforced handles and a cup dispenser bracket, are insulated for maximum cold retention and built to prevent fading and cracking in all exposures. Their white FDA Grade inner liner is easy to clean and resists stains and odors. A wide mouth pressure fit lid makes for easy filling, and a keeper cord prevents lid loss.

Number	Description	Ship Wt
431-3	3 gal. cooler	5.0 lbs
451-5	5 gal. cooler	7.0 lbs
4101-10	10 gal. cooler	10.0 lbs
25043	Heavy gauge wire rack for 10 gal.	5.0 lbs
25041	Heavy gauge wire rack f/ 3 & 5 gal.	5.0 lbs
9547	Replacement lid for 10 gal.	3.0 lbs
9546	Replacement lid for 3 & 5 gal.	3.0 lbs
SPIGOT	Spigot for all sizes	8.0 lbs

Coolers & Accessories

4101-10



451-5

431-3



25041

KLEIN

Hammers

Ball Peen

This hammer has a high-carbon steel head, drop forged and hardened with a straight-grain hickory handle stained and lacquered.

Number	Head Wt.	Overall Length	Face
803-24	24 oz	15" Length	Smooth



803-24

Electrician Straight-Claw

Features include an extra-long neck, straight claw and narrow striking face with a polished drop forged tempered-steel head which is bonded to high-strength shock-absorbent fiberglass shaft.

Number	Head Wt.	Overall Length	Face
807-18	18 oz	15" Length	Smooth



807-18

Heavy-Duty Curved-Claw

This hammer features a curved claw for maximum nail pulling leverage with polished drop-forged tempered-steel head and a high strength fiberglass shaft keeps head tight.

Number	Head Wt.	Overall Length	Face
818-20	20oz	14" Length	Smooth



818-20

Lineman's Straight Claw

This heavy-duty, double duty hammer drives lag screws and pulls nails. Features include a large straight-grain hickory handle with a blue painted finish.

Number	Head Wt.	Overall Length	Face
832-32	32oz	15" Length	Smooth



832-32

Lineman's Double-Face

Designed for pole-line work, this well-balanced hammer is heavy enough to drive lag screws, featuring identical faces with 1-3/4" round-crown driving surfaces, and a high-strength fiberglass handle.

Number	Head Wt.	Overall Length	Face
809-36	36oz	14" Length	Smooth



809-36

KLEIN

Standard Rule

This 6' ruler has black markings on a yellow background with stud centers marked in red. The marks are graduated in 1/16" readings on both sides of the ruler. They are designed for long wear and accurate readings.

Number	Description	Length
901-6	Wood, Outside Read	6'
905-6	Wood, Outside Read w/Extension	6'

Power Return Tape

This tape features easy feed, positive lock with thumb control knob, and power return. It has black numbers on a yellow background for inside and outside measuring. The tape is graduated in 1/16" markings on both sides of the tape, and has a belt clip for easy carrying.

Number	Description	Length
9125	1"	25'

Rulers & Tapes



LUFKIN

Lufkin Ruler

Has "ABS" fiber reinforced plastic with positive locks arms for easy reading inside and outside.

Number	Description
066	6' folding ruler

Rulers & Tapes



BUCKINGHAM

Lineman's Knives

These knives feature an ergonomic handle constructed of a blend of rubber compounds with a blade made from the same high quality steel used on all Buckingham knives.

• Leather Sheath available, Cat. No. 4089

Number	Description
7090	Basic knife
70902	Blunt point
70903	Notch in blade
70904	Notch and blunt point

Buckskinner

With a single steady pull, this knife will remove insulation and semi-con from all types of cable. Its unique ergonomic design reduces injuries and saves time.

Buckskinner Guard available, Cat. No. 70951.

Number	Description	Overall Length
7095	Dual handles w/ curved blade	10-1/2"

Knives



KLEIN

Lineman's Plastic-Handle Skinning Knives

These knives are made of high strength tempered steel with comfort handles and guards to keep fingers away from blades.

• Leather sheath available, Cat. No. 5163.

Number	Description	Handle Color	Length Less Ring	Ship Wt.
1570-3	Hook blade, notch and ring	Red	8"	.30 lbs
1570-3LR	Hook blade and notch	Red	8"	.29 lbs

Cable-Splicer's Knife Set

This kit contains a Splicer's knife, Electrician Scissors w/ stripping notches and a slotted leather holder. (These items can be purchased separately.)

Number	Set #46037 Contains: Description	Overall Length
44200	Knife	6-1/4"
2100-7	Scissors	5"
5187	Leather Holder	2-1/8" x 7-1/2"

Warning: Always wear eye protection

Warning: NOT INSULATED. Will NOT protect against electrical shock

Knives



KLEIN

Slitting Pocket Knives

The blade is made of the finest cutlery steel, tempered to hold its edge. It has an extra-large curved sheep-foot slitting blade that locks in the open position which makes it ideal for heavy duty work.

Number	Blade Length	Length Closed
1550-4	2-5/8" curved blade	4"
1550-24	2-1/2" SS curved blade	4-3/8"

Lightweight Lockback Knife

The Sheepfoot Blade is made of AUS 8 stainless-steel and has a reversible thumb stud for easy one-handed opening. The handle is made of impact-resistant nylon with a rubber insert.

Number	Blade Length	Length Closed
44005	2-5/8"	4-1/8"
44006	2-5/8"	4-1/8"

Speedy Sharp

Sharpens Knives, Scissors, Chisels, Carpet Knives, Hatchets, Razor Blades, Hunting Knives, Scrapers, Broad Head Arrows, Fish Hooks, Serrated Knives, Router Bits, Planer Blades, Gardening Tools, Snow Skis, Axes and more.

Number	Overall Size	Ship Wt
SPEEDY SHARP	--	0.10 lbs

Combination Knife & Scissors Sharpener

Lightweight and compact, this sharpener features high-grade, tungsten carbide inserts that sharpen both sides at the same time, restoring an edge in three to four strokes.

Number	Overall Size	Ship Wt
48036	4" L x 2-1/4" W x 3/4" D	0.10 lbs

Warning: Improper use of knife and scissors sharpener and/or failure to follow instructions can result in injuries. Keep your fingers behind the curved guard, and your thumb securely on the multi-grooved thumb-rest indentation, never in front of it.



48036

Knives



1550-4



44005



44006



Side-Cutting Pliers

The side-cutting pliers comes in two styles. The **Standard Duty**, which has long been recognized for their premium quality design and rugged, precision construction and the new innovative **Klein 2000 Series** with super-tough cutting knives, specially designed and heat treated to cut bolts, nails, ACSR, and most hardened wire without damage. All 2000 Series have combination polished and black-oxide finish.

STANDARD DUTY / 2000 SERIES

Number	Description	Length
D213-9NE	High Leverage NE-Type, Plain Handles	9 - 1/4"
D2000-9NE	Same as above but will cut hardened matl	9 - 3/8"
D213-9NE	High Leverage NE-Type, Dipped Handles	9 - 3/8"
HD213-9NE	High Lev. NE-Type, Heavy Dipped Handles	9 - 1/2"
HD2000-9NE	Same as above but will cut hardened matl	9 - 1/2"
D213-9NETP	High Lev. NE-Type, w/ fish tape pulling grip	9 - 3/8"
D2000-9NETP	Same as above but will cut hardened matl	9 - 3/8"
D213-9NETH	High Lev. NE-Type, w/bolt thread holder	9 - 3/8"
D2000-9NETH	Same as above but will cut hardened matl	9 - 3/8"
D213-9NE-CR	High Lev. NE-Type, w/ crimping die	9 - 3/8"
D2000-9NE-CR	Same as above but will cut hardened matl	9 - 3/8"
D213-9ST	High Leverage NE-Type, for rebar work	9 - 1/4"
D2000-9ST	Same as above but will cut hardened matl	9 - 3/8"

Diagonal-Cutting Pliers

The **2000 Series** diagonal-cutting pliers comes with super-tough cutting knives, specially designed and heat treated to cut bolts, nails, ACSR and most hardened wire, without damaging the cutting knives.

Number	Description	Length
D2000-28	High Leverage Diagonal Cutters	8"
D2000-48	High Leverage Diagonal Cutters w/ Angled Head	8"



D213-9NE



D2000-9NE



D213-9NE-CR



D2000-28

Note: Plastic-dipped or slip-on plastic handles are not intended for protection against electrical shock.

KLEIN

Pliers

Pump Pliers

Jaws are positioned in place by engaging tongue in proper groove. The jaws can not slip even under heavy pressure. They come with yellow dipped handles. (HD before number indicates Heavy-duty Plastic-Dipped handles)

Number	Max. Capacity	Length
D502-10	1-3/4"	10"
D502-12	2-1/8"	12"

Standard Long-Nose Pliers w/ Side Cutters

Long nose design with cutting knives at hinge. This design permits wrapping, looping and cutting with a single pliers. It comes with plastic dipped handles.

Number	Description	Overall Length
D203-6	Standard w/ cutting knives a hinge	6-5/8"
D203-8N	HD w/ skinning hole for # 12 awg	8-7/16"
D203-6CR	Crimping die w/ knurled jaws	6-5/8"
D203-8NCR	Crimping die w/ skinning hole for # 12 awg	8-7/16"

Crimping/Wire Cutting Tool

Designed for crimping solder-less terminals and connectors. Its tapered nose allows you to work in confined spaces with a wire cutter in the front of the nose.

Number	Description	Length	Capacity
1005	Use on insulated or non-insulated	9-3/4"	#10- 22AWG terminals or connectors
1006	Use on non-insulated	9-3/4"	#10-22AWG terminals or connect



D502-10

D203-6



D203-8N



D203-8NCR



1006

KLEIN

Cutters

Heavy Duty Bolt Cutters

Strong, lightweight, general purpose bolt cutters that come with either fiberglass or steel handles. All have heavy vinyl grips with center cut jaws for soft, medium or hard metals. The jaws are made of drop-forged, alloy tool steel for long life and efficient cutting with a lock plate to keep bolts from loosening and jaws from twisting. One adjustment keeps jaws aligned. The three point toggle joint allows you to use only 50 lbs of hand pressure that allows 4000lbs at the cutting edge.



63324

Number	Steel Handles		Fiberglass Handles		Cutting Capacities		Replacement Bolt Cutter Heads (Complete)
	Overall Length	Approx. Weight	Overall Length	Approx. Weight	Soft, Medium	Hard Mtrl.	
63314	14"	3.15 lbs	-	-	5/16"	3/16"	63214
63318	18"	3.55 lbs	-	-	3/8"	1/4"	63218
63324	24"	6.30 lbs	-	-	7/16"	5/16"	63224
63330	30"	10.20 lbs	-	-	1/2"	3/8"	63230
63336	36"	14.25 lbs	-	-	9/16"	7/16"	63236
63342	42"	19.20 lbs	-	-	11/16"	1/2"	63242
63118	-	-	18-1/4"	3.63 lbs	3/8"	1/4"	63218
63124	-	-	24-1/2"	6.13 lbs	7/16"	5/16"	63224
63130	-	-	30-1/2"	9.50 lbs	1/2"	3/8"	63230
63136	-	-	36-1/2"	12.95 lbs	9/16"	7/16"	63236

H.K. PORTER

Cutters

Fiberglass Handle Center Cutters

These cutters feature all-purpose jaws with center cut blades that cut soft, medium, or hard metals with screw-type adjustments that realign blades which allows a toggle joint to turn 50 lbs of hand pressure into 4000 lbs of cutting pressure. The handles are made of fiberglass.

Number	Length	Cutting Range	Ship Wt.	Repl. Blades
0090FC	18-1/4"	3/8" Soft/ Med. 1/4" Hard	3.5 lbs	0013C
0190FC	24-1/2"	7/16" Soft/Med. 5/16" Hard	4.5 lbs	0113C
0290FC	30-1/2"	1/2" Soft/Med. 3/8" Hard	7.5 lbs	0213C
0390FC	36-1/2"	9/16" Soft/Med. 7/16" Hard	11.5 lbs	0313C



0090FC

Warning: Always wear eye protection

Warning: NOT INSULATED. Will NOT protect against electrical shock

H.K. PORTER

Cutters

Heavy-Duty Cutters

Recommended for the most demanding jobs. It has a lock plate that keeps the jaws from loosening, and a screw-type adjustment that keeps them aligned, which allows the toggle joint to turn 50 lbs of hand pressure into 4000 lbs of cutting pressure.

Number	Length	Cutting Range	Ship Wt.	Repl. Blades
0190MCX	24"	5/16" Hard Metals	5.5 lbs	0113CX
0390MCX	36"	7/16" Hard Metals	14.125 lbs	0313CX

Shear Type Hand Operated Cutters

It is a light weight, rugged cutter with fiberglass handles that cuts copper or aluminum. The jaws are shear cut blades made from drop-forged, alloy tool steel. **Not for ACSR.**

Number	Length	Cutting Range	Ship Wt.	Repl. Blades
0290FCS	25-1/2"	500MCMCU 750MCMAL	4.5 lbs	0213CSS
0390FCS	32"	750MCMCU 1200MCMAL	6.0 lbs	0313FCS

Ratchet-Type Hard Cable Cutter

Cuts hard cable, ACSR, ACAR, Zebra and self-supporting communication cable, with minimal distortion. It can be used in confined spaces because of mechanical advantage over manual cutters. **Not recommended for cutting insulated copper or aluminum cable.**

Number	Length	Cutting Range	Ship Wt.	Repl. Blades
8690FH	29-1/4"	ACSR, ACAR, ZEBRA, 13/16" Communication Cable	10.5 lbs	8613FH

Ratchet-Type Soft Cable Cutter

Features a Jaw Keeper to prevent jaws from spreading. Cuts copper or aluminum up to 2", including rubber or lead cable.

Number	Length	Cutting Range	Ship Wt.	Repl. Blades
8690FSK	27-1/2"	2"	3.5 lbs	8613 FSK

Ratchet-Type Guy Strand Cutter

Cuts EHS guy strand, mild steel rods & bolts and similar metals. Makes clean, square cuts w/minimal distortion and has mechanical advantage over manual cutters.

Number	Length	Cutting Range	Ship Wt.	Repl. Blades
8690CK	28"	EHS or Common Guy Strand 1/2" or 13mm.	8.75 lbs	8613CK



0190MCX



0390FCS



8690FH



8690FSK



8690CK

Warning: Always wear eye protection
Warning: NOT INSULATED. Will NOT protect
against electrical shock

HASTINGS

Hand ACSR Ratchet Cutter

Lightweight ratchet-type cutter for cutting aluminum and copper cables features cutter jaws that completely surround the conductor, eliminating cutter blade distortion. Release lever allows the cutter jaws to be opened at any time.

Number	Length	Max. Jaw Opening	Aluminum	Copper	Ship Wt.
11-014	10"	1-1/4"	336ACSR/500MCM	350MCM	1.3 lbs

Cutters



11-014

GREENLEE

Performance Ratchet Cable Cutter

Designed for one-handed operation with a two-speed ratchet mechanism that adjusts for light or heavy cutting.

Number	Length	Communication Cable	Aluminum	Copper	Ship Wt.
45207	11"	2" Diameter	750-100MCM	600-750MCM	2.4 lbs

Cutters



45207

CHANCE

Ratcheting Cable Cutters

These cutters are half the size and weight of standard ratchet cutters. The two styles match a wide range of conductors (Overhead and URD). Their small size saves space in tool boxes and warehouse shelves.

Number	Length	Copper	Aluminum	ACSR	Ship Wt.
C403-2979	19-1/2"	1000KCML	1000KCML	NO	4.25 lbs
C403-2980	18"	750KCML	750KCML	556MCM	4.375 lbs

Cutters



C403-2979

RELIABLE

Ratcheting Cable Cutters

These ratchet cutters have extra heavy duty jaw design, thumb slide release, and reinforced fiberglass handles. Quality Construction affords speed, ease of use and safety to the operator.

Number	Length	Copper	Aluminum	ACSR	Ship Wt.
RC1000A	19-1/2"	1000KCML	1000KCML	NO	4.25 lbs
RC750H	18"	750KCML	750KCML	556MCM	4.375 lbs

Cutters



RC750H

Warning: Always wear eye protection

Warning: NOT INSULATED. Will NOT protect against electrical shock

Standard Cable Cutters

Economically priced, lightweight yet efficient shear-type cable cutters. Exceptional strong fiberglass handles with vinyl grips. Makes a clean even cut for ease in fitting lugs and terminals.

Note: Not designed for cutting ACSR or steel wire.

Number	Length	Aluminum	Copper	Wt.	Repl. Blades
63041	25-1/2"	750MCM	500MCM	5.25 lbs	63081
63045	32"	1200MCM	1000MCM	8.0 lbs	63090



63041

Utility Cable Cutter

Rugged and lightweight with drop-forged steel jaws. It grabs and holds cable in place for a clean even cut. The beveled tips make for positive mating and the hinge bolt with pinset, nut keeps the proper blade tension. The handles come with non-slip red vinyl grips.

Note: Not designed for cutting ACSR or steel wire.

Number	Length	Aluminum	Copper
63035	16-3/4"	350MCM	350MCM Soft



63035

Ratcheting Cable Cutter

Unique ratchet-action holds cable tight and allows rapid, straight cuts with minimum effort. The quick release lever opens blade at anytime during operations. It is a strong lightweight tool that can be locked in closed position for carrying in your tool pouch or tool box.

Note: Not designed for cutting ACSR or steel wire.

Number	Length	Aluminum	Copper
63060	10"	600MCM	400MCM



63060

High-Leverage Cable Cutter

This handy, economical tool handles most cable cutting jobs from 4/0 aluminum to 2/0 soft copper. It makes clean, efficient cuts and comes with red dipped plastic handles.

Note: Not designed for cutting ACSR or steel wire.

Number	Length	Aluminum	Copper
63050	9-1/2"	4/0	2/0 soft



63050

Warning: Always wear eye protection
Warning: NOT INSULATED. Will NOT protect against electrical shock

KLEIN

7-Piece Cushion-Grip Nut Driver Set

This set consists of 7 nut drivers ranging in size from 3/16" to 1/2". The nut drivers are made of heat-treated and tempered steel. The cushion-grip handle resists slipping and allows you to apply greater torque. The grip is resistant to oil, gas and water, with a color-coded cap for easy identification of hex-nut sizes. Set includes a roll-up plastic pouch with hang holes.

Set #631 Contains:

Number	Color Code	Hex Size	Shank Length
630-3/16	Black	3/16"	3"
630-1/4	Red	1/4"	3"
630-5/16	Yellow	5/16"	3"
630-11/32	Green	11/32"	3"
630-3/8	Blue	3/8"	3"
630-7/16	Brown	7/16"	3"
630-1/2	Red	1/2"	3"

Heavy-Duty Keystone-Tip Screwdriver

Square Shank	Round Shank	Tip width/ Shank Length	Overall Length
600-4	602-4	1/4" x 4"	8-11/32"
600-6	602-6	5/16" x 6"	10-15/16"
600-8	602-8	3/8" x 8"	13-7/16"
600-12	602-12	1/2" x 12"	17-9/16"

Round-Shank Heavy Duty Screwdriver w/ Keystone Tip

Number	Hex Size	Overall Length
602-4	1/4" x 4"	8 -11/32"
602-6	5/16" x 6"	10 -15/16"
602-8	3/8" x 8"	13 -7/16"
602-12	1/2" x 12"	17 -7/16"

Round-Shank Special Profilated Phillips-Tip Screwdriver

Number	Point Size	Shank Length	Overall Length
603-3	1	3"	6-3/4"
603-4	2	4"	8-5/16"
603-6	3	6"	11"

Screwdrivers

631



Can be ordered individually. Available in 6" shank lengths.



Warning: Always wear eye protection
Warning: NOT INSULATED. WILL NOT protect against electrical shock
Warning: Do NOT use a pry chisel

KLEIN

Hex Keys

Folding Hex-Key Sets

These sets fit in your pocket or tool box easily and help prevent the lost key problem. The holder serves as a handle that allows the wrench to be used either straight out or at a right angle.

Available in meter sizes.



Number	Keys in Set	Key Sizes	Handle Length
70579	5	3/16, 7/32, 1/4, 5/16, 3/8"	5-1/4"
70581	8	.050, 1/16, 5/64, 3/32, 7/64, 1/8, 9/64, 5/32"	3-1/16"
70591	9	5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4"	4-1/4"

Adjustable Wrenches

Standard jaw, made from drop-forged alloy steel for maximum strength and lightweight. Chrome plated also available with dipped handles. For dipped handle just add a "D" in front of the number.

Number	Length	Capacity
507-6	6"	3/4"
507-8	8"	15/16"
507-10	10"	1-1/8"
507-12	12"	1-5/16"
Extra-Capacity Design		
Same qualities as standard jaws but open an extra 3/16". This allows you to use the same size wrench for bigger jobs. Ideal for confined spaces.		
D507-6	6"	15/16"
D507-8	8"	1-1/8"
D507-10	10"	1-5/16"
D507-12	12"	1-1/2"



Warning: Always wear eye protection
 Warning: NOT INSULATED. Will NOT protect against electrical shock
 Warning: Do NOT use a pry or chisel

BUCKINGHAM

Goat Wrench

Designed to fit different sized nuts, bolts, or pipe, this wrench features a flat spot for a hammer and thread chasers in handle.

Number	Length	Ship Wt.
7071	12"	2.0 lbs

Wrenches

7071



KLEIN

Lineman's Wrench

Forged from special steel and heat treated. Each end has two different size openings for multiple uses.

Number	Length	Width	Ship Wt.
3146	13"	1-3/32" & 29/32"	13/16" & 5/8"
3146A	13"	1-1/16" & 1-5/16"	5/8" & 7/8"

Wrenches

3146



5-in-1 Lineman's Wrench

This compact Ratcheting Lineman's Wrench from Klein Tools acts as five tools in one! Its 3/4" and 1" and 1-18" combinations square socket works with the most common utility hardware. It also features two popular wrench sizes: 3/4" and 9/16".

Number

KT155T

KT155T



5-in-1 Lineman's Wrench - Heavy Duty

The Klein Tools' Heavy-Duty Ratcheting Lineman's Wrench is great for utility work. Its 3/4" and 1" x 1-18" combination square socket works with the most common utility hardware. It also features two popular wrench sizes: 3/4" and 9/16".

Number

KT155HD

KT155HD



Ratcheting Lineman's Wrench

The Klein Tools' Ratcheting Lineman's Wrench is great for utility work! Its 3/4" and 1" x 1-18" combination square socket works with the most common utility hardware. A bolt-through design allows bolts to pass through the socket.

Number

KT151T

KT151T



KLEIN

Individual Ratcheting Box Wrenches

Designed for use in confined spaces and have laminated construction for greater strength. They ratchet by turning over with a different size at each end for added versatility. Comes in either single hex or double hex types. Available in metric sizes on request.

Number	Description	Size
68200	4-1/4"	1/4" x 5/16"
68201	5-1/2"	3/8" x 7/16"
68202	6-1/2"	1/2" x 9/16"
68203	8"	5/8" x 11/16"
68204	8"	5/8" x 3/4"
68205	9-1/4"	11/16" x 3/4"
68206	9-1/4"	13/16" x 7/8"

7-Piece Ratcheting Box Wrench Set

Includes the wrenches above and a heavy duty plastic roll-up pouch with two grommet holes for hanging.

Number	Description
68222	68200, 68201, 68202, 68203, 68204, 68205, 68206

Wrenches



RELIABLE

3-in-1 Combination Socket Wrench

Bolt thru socket design allows the bolt to pass entirely through, so nuts can be tightened down to any threaded length. 12" handle with grip.

Number	Length	Ship Wt
REL-151T	12"	2.25 lbs



REL-151T

Wrenches

FARGO

Lineman's Wrench

This tool provides a safe and easy way to tighten nuts on long bolts without having to remove it from the nut. Features a bolt thru socket that will fit either a 5/8" or 3/4" square nut on one side, and a 1/2" nut on the other. It has a heavy duty design, and is reversible by flipping the lever.

Number	Length	Width	Ship Wt
GP-3458-12	12"	2.1" head, 1" handle	2.0 lbs, 7oz

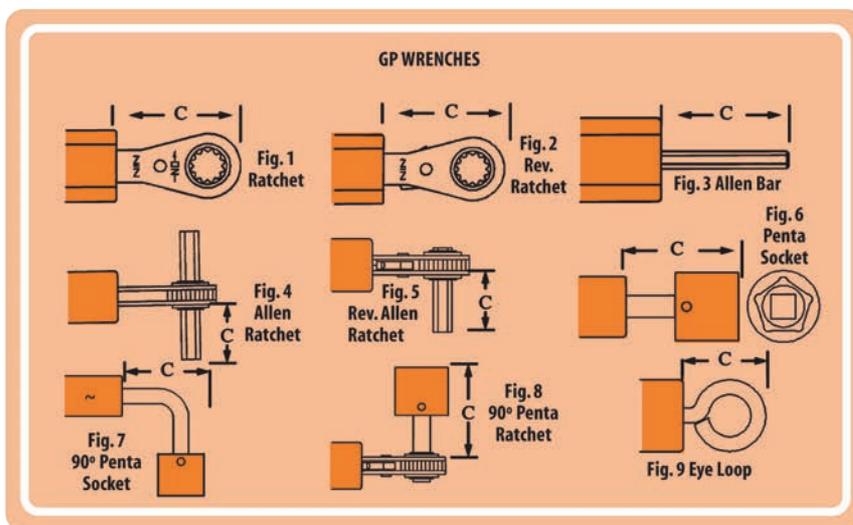


GP-3458-12

Wrenches

Series GP Connector Wrenches

Designed specifically for lineman use, this tool is constructed for proper and fast installation of mechanical connectors in utility distribution applications. Both ends are separated by a handle made of sturdy polypropylene, providing protection from incidental end-to-end or energized line contact.



FARGO AVAILABLE WRENCH COMBINATIONS

Catalog Number	"A" End Description	Fig.	C Inches	"B" End Description	Fig.	C Inches	L Approx. Inches	Weight Lbs.
GP-209	3/8" Allen Ratchet	4	1.21	Eye Loop	9	1.00	7.50	0.75
GP-2090P	3/8" Allen Ratchet	4	1.21	Penta Socket	6	2.00	8.75	1.00
GP-2090P4	3/8" Allen Ratchet	4	1.71	Penta Socket	6	2.00	8.75	1.00
GP-2090P90	3/8" Allen Ratchet	4	1.21	Penta Socket	7	2.50	9.25	1.00
GP-2091P	Penta Socket	6	1.91	Eye Loop	9	1.00	7.50	0.75
GP-2091P90	90° Penta Socket	7	2.37	Eye Loop	9	1.00	8.00	0.75
GP-2092M	3/8" Allen Ratchet	4	1.21	3/8" Allen Bar	3	1.25	8.00	0.75
GP-2093	5/16" Allen Ratchet	4	1.46	Eye Loop	9	1.00	7.75	0.75
GP-2093P	5/16" Allen Ratchet	4	1.46	Penta Socket	6	2.00	9.00	1.00
GP-2093P90	5/16" Allen Ratchet	4	1.46	90° Penta Socket	7	2.50	9.25	1.00
GP-209375P90	5/16" Allen Ratchet	4	.75	90° Penta Socket	7	2.50	9.25	1.00
GP-210	3/16" Bar	3	1.25	Eye Loop	9	1.00	6.75	0.50
GP-2101	1/4" Bar	3	1.88	Eye Loop	9	1.00	7.38	0.50
GP-211	3/8" Bar	3	1.25	Eye Loop	9	1.00	6.75	0.50
GP-212	5/16" Bar	3	1.25	Eye Loop	9	1.00	6.75	0.50
GP-221	3/8" Ratchet	1	2.25	9/16" Ratchet	1	2.25	9.00	0.75
GP-2210	3/8" Ratchet	1	2.25	7/16" Ratchet	1	2.25	9.00	0.75

FARGO

Wrenches

Catalog Number	"A" End Description	Fig.	C Inches	"B" End Description	Fig.	C Inches	L Approx. Inches	Weight Lbs.
GP-2212	1/2" Ratchet	1	2.25	9/16" Ratchet	1	2.25	9.00	0.75
GP-2213	5/16" Ratchet	1	2.00	3/8" Ratchet	1	2.00	8.50	0.75
GP-2213AR	3/8" Allen Ratchet	4	1.21	5/16" Allen Ratchet	4	1.21	9.00	0.75
GP-2214	3/8" Ratchet	1	2.00	1/2" Ratchet	1	2.00	8.50	0.75
GP-2215P	3/8" Rev. Ratchet	2	2.25	Penta Socket	6	2.00	8.75	1.00
GP-223	9/16" Ratchet	1	2.25	3/4" Ratchet	1	2.25	9.00	0.75
GP-2231	9/16" Ratchet	1	2.25	11/16" Ratchet	1	2.25	9.00	0.75
GP-2232	3/4" Ratchet	1	2.25	11/16" Ratchet	1	2.25	9.00	0.75
GP-2233	9/16" Ratchet	1	2.25	5/8" Ratchet	1	2.25	9.00	0.75
GP-2234	1/2" Ratchet	1	2.25	5/8" Ratchet	1	2.25	9.00	0.75
GP-2235	5/8" Ratchet	1	2.25	11/16" Ratchet	1	2.25	9.00	0.75
GP-2236	5/8" Ratchet	1	2.25	13/16" Ratchet	1	2.75	9.50	0.75
GP-2237	5/8" Ratchet	1	2.25	3/4" Ratchet	1	2.25	9.00	0.75
GP-2238	3/4" Ratchet	1	2.25	13/16" Ratchet	1	2.75	9.50	0.75
GP-2239	3/4" Rev. Ratchet	2	2.25	5/16" Rev. Allen Ratchet	5	1.00	9.00	1.00
GP-224	3/4" Ratchet	1	2.25	7/8" Ratchet	1	2.75	9.50	1.00
GP-2240	13/16" Ratchet	1	2.75	7/8" Ratchet	1	2.75	10.00	1.00
GP-2241P90	13/16" Ratchet	1	2.75	90° Penta Socket	7	2.50	9.75	1.00
GP-2242	11/16" Ratchet	1	2.25	15/16" Ratchet	1	2.75	9.50	1.00
GP-2243	13/16" Ratchet	1	2.75	15/16" Ratchet	1	2.75	10.00	1.00
GP-2245	7/8" Ratchet	1	2.75	15/16" Ratchet	1	2.75	10.00	1.00
GP-239	5/16" Rev. Allen Ratchet	5	1.00	5/16" Rev. Allen Ratchet	5	1.00	9.00	1.00
GP-240	5/16" Rev. Allen Ratchet	5	1.50	3/8" Rev. Allen Ratchet	5	1.38	9.00	1.00
GP-240P1	3/8" Rev. Allen Ratchet	5	1.00	Penta Socket	6	2.00	8.75	1.00
GP-241P	5/16" Rev. Allen Ratchet	5	1.50	Penta Socket	6	2.00	8.75	1.00
GP-241P1	5/16" Rev. Allen Ratchet	5	2.00	Penta Socket	6	2.00	8.75	1.00
GP-241P2	5/16" Rev. Allen Ratchet	5	1.00	Penta Socket	6	2.00	8.75	1.00
GP-241P3	5/16" Rev. Allen Ratchet	5	2.50	Penta Socket	6	2.00	8.75	1.00
GP-241P90	5/16" Rev. Allen Ratchet	5	1.50	90° Penta Socket	7	2.50	9.25	1.00
GP-241PS-58	5/16" Rev. Allen Ratchet	5	0.63	Penta Socket	6	2.00	8.75	1.00
GP-241S3GP	3/8" Rev. Allen Ratchet	5	1.00	Eye Loop	9	1.00	9.00	0.75
GP-241S	5/16" Rev. Allen Ratchet	5	1.50	Eye Loop	9	1.00	7.75	0.75
GP-241S2	5/16" Rev. Allen Ratchet	5	1.00	Eye Loop	9	1.00	9.00	0.75
GP-241S-58	5/16" Rev. Allen Ratchet	5	0.63	Eye Loop	9	1.00	7.75	0.75
GP-242P	5/16" Rev. Allen Ratchet	5	1.75	90° Penta Rev. Ratchet	8	2.75	9.00	1.00
GP-242P1	3/8" Rev. Allen Ratchet	5	1.38	90° Penta Rev. Ratchet	8	2.75	9.00	1.00
GP-242P2	5/16" Rev. Allen Ratchet	5	2.00	90° Penta Rev. Ratchet	8	2.75	9.00	1.00
GP-243P	5/16" Rev. Allen Ratchet	5	1.00	90° Penta Socket	7	2.50	9.25	1.00

Impact Wrench & Drill

This drill is well-balanced with a heat-insulated handle that is ergonomically positioned for comfort. It is designed for high torque drilling with a twin hammer impact mechanism for high performance. It is reversible and can be used on either an open or closed system.

SPECIFICATIONS

System: Super Spool™ selector control	Capacity: 7/16" quick-change chuck or 1/2" square drive	Wt.: 7.1 lbs
Ht.: 10.6"	Length: 8.2"	Width: 4.2"
Flow Range: 4-12 gpm (Optimum: 5-8 gpm)	Op. Pressure: 1000-2500 psi	
Torque: 400'-lb @ 8 gpm	Pressure Port Thd: 3/4-16 SAE O-Ring	Return Port Thd: 3/4-16 SAE O-Ring

Number	UPC Number	Description
H8508-1	H8508-1	1/2" Impact Wrench, 7/16" hex quick-change chuck w/ 1/2" square adapter
54923	54923	HTMA Male Coupler
54924	54924	HTMA Female Coupler

Impact Wrench & Drill with Variable Torque

This tool is reversible with variable torque controls that can be adjusted from 160-500 ft -lbs so it can be used as an impact wrench to tighten, loosen or remove nuts and lag screws, or used as a drill. Will work on either an open or closed system.

SPECIFICATIONS

System: Super Spool™ selector control	Capacity: 1/2" drive, variable torque, 7/16" hex quick-change chuck			
Wt.: 6.5 lbs	Ht.: 11"	Length: 8"	Width: 4"	Flow Range: 4-12 gpm
Op. Pressure: 1000-2500 psi	Torque: 160-500' - lb @ 8 gpm	Pressure Port Thd: 9/16-18 SAE O-Ring		
Return Port Thd: 3/4-16 SAE O-Ring	RPM Range: 1-1200 rpm	Impacts Per Minute: 2200 @ 8gpm		

Number	UPC Number	Description
HW1V		1/2" Impact Wrench, var. torque 7/16" hex quick-change chuck w/ 1/2" sq. adapter
54923	54923	HTMA Male Coupler
54924	54924	HTMA Female Coupler

Reversible Drill

Lightweight and compact, this drill has a rugged gear motor that is reversible. Will work on either open or closed-center hydraulic systems.

SPECIFICATIONS

System: Super Spool™ selector control	Capacity: Steel - 1/2" hole; Wood - 1-1/16" hole	Chuck: 1/2" key-type
Wt.: 6 lbs	Ht.: 9"	Length: 7.5"
Width: 3"	Flow Range: 4-8 gpm	Op. Pressure: 1000-2000 psi
Pressure Port Thd: 9/16-18 SAE O-Ring	Return Port Thd: 3/4-16 SAE O-Ring	RPM Range: 1-1200 rpm

Number	UPC Number	Description
H6400C	42260	Drill - 1/2" key-type chuck
54923	54923	HTMA Male Coupler
54924	54924	HTMA Female Coupler

H8508-1



HW1V



H6400C



BURNDY

Hydraulic Tools

Hydraulic Impact Wrenches

Comes with a 7/16" Tri-ball quick chuck with a wide flange that will provide a secure hold on all standard 7/16" hex drive bits and accessories.

Number	Description	Ship Wt
HIW716ENF	Enforcer® Hydraulic Impact Wrench w/ Variable Torque	5.95 lbs
HIW716MAG	MAG Series Hydraulic Impact Wrench w/ Machined Aluminum Gerotor Design	--



HIW716MAG

HIW716ENF

RELIABLE EQUIPMENT

Hydraulic Tools

REL-425C Hydraulic Wrench

This tool is lightweight and will work on either an open or closed system. It is great for drilling, tightening, loosening or removing nuts and lag screws. It comes with a quick change chuck.

SPECIFICATIONS

System: Open and Closed-Center	Flow Range: 5-8 gpm	Weight: 6.3 lbs
Op. Pressure: 1000-2000 psi	Torque: 425' - lb @ 6 gpm	RPM: 3600 @ 6 gpm



REL-425C

Shown with optional Hand Guard

RELIABLE EQUIPMENT

Hydraulic Tools

Manual Hydraulic 12 Ton Crimping Tool

Designed to crimp splices to 600 MCM and lugs to 750MCM. The REL-430 accepts standard "U" style dies as well as dies from Alcoa, Burndy, Blackburn, and Huskie. The 1-3/16" jaw opening allows use on larger cable diameters and connectors. The 180 degree swivel head permits use in confined areas. Also has a two-stage pumping piston for rapid advance, and twist handle release.

Number	Description	Ship Wt.
REL-430	Manual Hydraulic 12-ton Crimping Tool w/ a 1-3/16" opening; 24" Length	13.5 lbs



REL-430

ANDERSON

Hydraulic Tools

Manual Hydraulic Dieless Crimper

Flip-top latch, 360 degree rotating head. 10,400 psi operating system. Includes carrying case.

Number	Description	Ship Wt.
VC6-FTSP	Crimps: #10-750MCM AL/CU	12.75 lbs



VC6-FTSP



HK1230

12-Ton Hand Operated Hydraulic Crimping Tool

New head design results in lower weight. The two-speed pump reduces crimping time along with a retractable ram when the crimp is complete. Includes a steel carrying case.

SPECIFICATIONS		
Crimping Force: 12 tons		Wt: HK1230: 12.2 lbs; HK1240: 13.2 lbs
Length: HK1230: 20-3/8"; HK1240: 21-1/2"		
Number	UPC Number	Description
HK1230	06426	1.2" opening
HK1240	06427	1.65" opening



RK1230

12 Ton Remote-Power Crimping Head

Its head design, light weight and improved durability makes it an excellent choice for hotsticks. A boss is included on each head for use with hotsticks. This tool requires an external hydraulic pump, capable of 10,000 psi.

Number	Description	Ship Wt.
RK1230	Use "U" style dies with a 1.2" opening	8.7 lbs
RK1240	Use "U" style dies with a 1.65" opening	9.7 lbs

Hand Operated Hydraulic Quad-Point Dieless Crimping Tool

Same as the Battery Operated tool only operates by hand.

SPECIFICATIONS		
Capacity: Copper Color-Coded Lugs and Splices: #6 AWG - 500 MCM (750 MCM f/HK06FT); Aluminum Color-Coded Lugs and Splices: #6 AWG - 400 MCM (750 MCM f/HK06FT); 5/8" Aluminum Service Entrance Sleeves: #8 AWG - 1/0; .840" Aluminum Service Entrance Sleeves: #4 AWG - 350 MCM		
Crimping Force: 6.2 tons	Length: HK06FT: 10"	Wt: HK06FT: 6.2 lbs
Number	UPC Number	Description
HK06FT	06196	Quad-Point Flip-Top Dieless Hand-Operated Hydraulic Crimping Tool w/ carrying case, test gauge and slugs.



HK06FT

Quad-Point Dieless Remote-Powered Crimping Head

Has a 6.2 ton capacity that operates from a 10,000 psi hydraulic pump that uses four indentors to make a crimp. Also available in a 12 ton model (RK1230, RK1240)

SPECIFICATIONS		
Capacity: Copper Color-Coded Lugs and Splices: #6 AWG - 500 MCM (750 MCM f/RK06FT); Aluminum Color-Coded Lugs and Splices: #6 AWG - 400 MCM (750 MCM f/RK06FT); 5/8" Aluminum Service Entrance Sleeves: #8 AWG - 1/0; .840" Aluminum Service Entrance Sleeves: #4 AWG - 350 MCM		
Crimping Force: 6.2 tons	Length: RK06FT: 10"	Wt: RK06FT: 6.2 lbs
Number	UPC Number	Description
RK06FT	06197	Quad-Point Flip-Top Dieless Hand-Operated Hydraulic Crimping Tool w/ carrying case, test gauge and slugs.



RK06FT

Pole Tamper- Hose End Valve & Valve on Tube

Makes setting poles, asphalt patching and compacting backfill faster and easier than a hand tamp. It only has three moving parts for less problems and will work on either a open or closed system. Comes with a Kidney-shaped foot as standard equipment.

Number	Description	Width	Length	Ship Wt.
H4802	Pole Tamper w/ on/off valve	4"	60"	23.0 lbs.
H4802-1	Pole Tamper w/ on/off valve	4"	85"	28.0 lbs.
H4802-6	Pole Tamper w/o on/off valve	4"	60"	27.0 lbs.
54923	HTMA Male Coupler			
54924	HTMA Female Coupler			
H4802-3	Pole Tamper w/ valve on handle	4"	72"	23.0 lbs
H4802-5	Pole Tamper w/ valve on handle	4"	60"	22.0 lbs

Tamper Accessories

111964K	Kidney-Shape Foot 2-1/2" x 8"			
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SPECIFICATIONS (Applies to both the Fairmont/Greenlee and Reliable Equipment Tamper on this page)

System: Open and Closed-Center	Length: 28"	Flow Range: 5-7 gpm	Weight: 51 lbs
Op. Pressure: 1000-2000 psi	Width: 9.25"	Blows Per Min.: 1800 @ 6 gpm	Hose Length: 40"
Pressure Port Thread: 9/16-18 SAE O-Ring	Return Port Thread: 3/4-16 SAE O-Ring		



H4802-3

REL-TMP Series

Makes setting poles, asphalt patching and compacting backfill faster and easier than a hand tamp. It only has three moving parts for less problems and will work on either a open or closed system. Comes with a Kidney-shaped foot as standard equipment.

Number	Description	Width	Length	Ship Wt.
REL-TMP-60	Pole Tamper w/o cutoff valve	4"	60"	27.0 lbs
REL-TMP-60V	Pole Tamper with hose end valve	4"	60"	23.0 lbs
REL-TMP-72	Pole Tamper with valve on tube	4"	72"	23.0 lbs



REL-TMP-60

REL-TMP-72

Chainsaw

These tools work on either an open or closed system and comes with an automatic oiler. The safety features include a two step safety trigger, chain brake that meets ISO 6535 requirements and a reduced kickback bar and chain.



Number	Cutting Capacity	Ship Wt.	Length	Chain size/gauge	Op. Pressure
HCS816	16"	9.5 lbs	31.5"	3/8"/.050"	1000-2000 psi.
HPS513	13"	8.5 lbs	29.5"	3/8"/.050"	1000-2000 psi.

Long-Reach Chainsaw

This tool works on either an open or closed system and has a fiberglass extension that meets OSHA regulations 1910.269. Safety features include a two-step trigger, trigger guard, and fully covered sprocket guard. It also has an anti-kickback chain and automatic chain oiler.



SPECIFICATIONS

System: Super Spool™ selector control for use on Open and Closed-Center hydraulic systems			
Cutting Cap.: 13"	Extension Type: Fiberglass-tested to 100 KvA f/ 5 min.	Wt: 8.25 lbs	
Length: see chain saw description	Width: 4"	Flow Range: 5-8 gpm	Op. Pressure: 1000-2000 psi
Press. Port Thread: 9/16-18 SAE O-Ring		Return Port Thread: 3/4-16 SAE O-Ring	
Chain Size: .325"	Bar Gauge: .058"		

Number	UPC Number	Description
43178	43178	Long Reach Chain Saw - 62.5" overall length
54923	54923	HTMA Male Coupler
54924	54924	HTMA Female Adapter

Long Reach Chainsaw (LR Series 62.5, 75, 88.5)

Reliable long reach chainsaws have a powerful hydraulic motor that can cut up to 13" diameter limbs. It has a fiberglass extension tube, trigger guard, covered sprocket and can be used on either an open or closed system.



Overhead Circular Saw

This tool works on either an open or closed system and has a fiberglass extension that meets OSHA regulation 1910.269. Safety features include a hand stop safety collar, trigger guard, two-step safety trigger and branch stop.

43180



SPECIFICATIONS

System: Super Spool™ selector for use on Open and Closed-Center hydraulic systems

Ext. Type: Fiberglass - tested to 100kVA for 5 min. **Flow Range:** 4-6 gpm **Wt:** 9 lbs **Length:** 82"

Op. Pressure: 1000-2000 psi **RPM:** 5250 rpm @ 6 gpm **Blade Dia.:** 9" **Cutting Cap.:** 3.5"

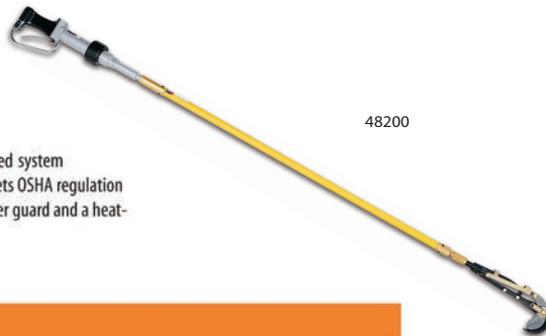
Pressure Port Thread: 9/16-18 SAE O-Ring **Return Port Thread:** 3/4-16 SAE O-Ring

Number	UPC Number	Description
43180	43180	Overhead Circular Saw
54923	54923	HTMA Male Coupler
54924	54904	HTMA Female Coupler

Utility Pruner

This tool works on either an open or closed system and has a fiberglass extension that meets OSHA regulation 1910.269. Safety features include trigger guard and a heat-insulated handle.

48200



SPECIFICATIONS

System: Super Sleeve™ for operation with Open and Closed-Center hydraulic systems

Ext. Type: Fiberglass - tested to 100kVA for 5 min. **Flow Range:** 4-6 gpm **Length:** 86" **Width:** 6.25"

Op. Pressure: 1000-2000 psi **Wt:** 48200: 12 lbs **Cut. Cap.:** 2"

Pressure Port Thread: 9/16-18 SAE O-Ring **Return Port Thread:** 3/4-16 SAE O-Ring

Number	UPC Number	Description
48200	48200	Utility Pruner, Super Sleeve™ operation for Open/Closed Systems
54923	54923	HTMA Male Coupler
54924	54904	HTMA Female Coupler

Ground Rod Driver

Drives various size ground rods and is easy to carry or has a lifting eye for added convenience.

HRD-1



SPECIFICATIONS

System: Open and Closed-Center	Length: 25-1/2"	Flow Range: 5-8 gpm	Weight: 53 lbs
Max. Op. Pressure: 2000 psi	Width: 9.25"	Blows Per Min.: 1740 @ 8 gpm	Hose Length: 70"
HRD-58	Ground Rod Driver 5/8" Opening		
HRD-1	Ground Rod Driver 1" Opening		

2 1/2" Submersible Pump

This pump is self-priming with a high impact strainer housing and can pump up to 400 GPM. Can run dry without damaging the unit.

H4660B



SPECIFICATIONS

System: Open and Closed-Center	Cap.: Up to 400 gpm	Wt.: 23.5 lbs	Ht.: 16"	Width: 12"
Op. Pressure: 0-2000 psi	Flow Range: 4-8 gpm	Intake Port: 1.5" NPT	Discharge Port: 2.5" NPT	
Strainer: 7 x 2.5"	Press. Port Thread: 9/16-18 SAE O-Ring	Return Port Thread: 3/4-16 SAE O-Ring		

Number	UPC Number	Description
H4660B	42190	Submersible Pump
54923	54923	HTMA Male Coupler
54924	54924	HTMA Female Adapter

Hydraulic Tools

Low Pressure Hoses

These hoses are certified nonconductive orange rubber with a double rayon braid. Its working pressure is 2250psi and is tested at 75 KV/ft for 5 minutes.

Rel-2250-96-A



CERTIFIED NONCONDUCTIVE ORANGE RUBBER, DOUBLE RAYON BRAID

Number	Description
Rel-2250-96-A	3/8" x 8' ID hoses with 3/8" NPTF male fitting
Rel-2250-120	3/8" x 10' ID hoses with 3/8" NPTF male fitting

HTMA Couplers

3,000 psi maximum operating pressure.

Number	UPC Number	Description
F020195K	41777	HTMA Female Coupler - 3/8" NPTF internal thread
F020196K	41778	HTMA Female Coupler - 1/2" NPTF internal thread
F020198K	41780	HTMA Male Coupler - 3/8" NPTF internal thread
F020197K	41779	HTMA Male Coupler - 1/2" NPTF internal thread
54922	54922	HTMA Male Coupler - 9/16-18 SAE O-Ring external thread
54923	54923	HTMA Male Coupler - 3/4-18 SAE O-Ring external thread
54924	54924	HTMA Female Coupler - 9/16-18 SAE O-Ring external thread
54925	54925	HTMA Female Coupler - 3/4-18 SAE O-Ring external thread



41777



41778



41779



41780



54922



54923



54924



54925

Swivel Adapters

Hose assemblies can be applied directly to the tool without the use of body assemblies or nose pieces, eliminating the quick disconnect feature by ordering one each.

Number	UPC Number	Description
F016775	41615	Adapter 3/8" NPSM x 9/16-18 Straight Thread
F017904	41661	Adapter 1/2" NPSM x 3/4-16 Straight Thread
F016776	43270	Adapter 3/8" NPSM x 3/4-16 Straight Thread



FD16775



FD17904



FD16776

Pole Puller

Number	Description
4001D	Pole Puller Kit
SP1000	Metal Pole Puller/Clamshell
LNG2012	Load-N-Go
HA0060	Cage Storage System
GRD0010	Ground Rod Driver



4001D



SP1000



LNG2012

TIIGER

Utility Products

Dullies

Number	Description
HA0075	Transformer Dolly
HA0080	Universal Dolly
1025A	Two-Wheel Dolly
1030A	Load Deck Dolly
AS0040	Auger-Up Stand
HB006	Cube I, II, & III



HA0075



HA0080



1025A

Sockets

1/2" Square Drive Impact Sockets

DEEP LENGTH SOCKETS - 8 POINT

Number	in.	in.
7318S	9/16"	3-1/4"
7324S	3/4"	3-1/4"
7326S	13/16"	3-1/4"
7328S	7/8"	3-1/2"
7332S	1"	3-1/2"

7324S



IMPACT HEX SHANKS

Number	in.	in.	in.
7121	7/16"	1/2"	2-3/4"
49314	7/16"	1/2"	2"

7121



REL-ED-1618



Impact Sockets

Number	Description
REL-ED-1618	Fits most 5/8" - 3/4" Hardware Impact Dual Socket

FAIRMONT/GREENLEE

Sockets

NR 1

The Nut Runner is a unique accessory for installing or removing pole hardware. One end will fit 3/4" & 13/16" and the other will fit 1" & 1-1/8" hardware. The Nut Runner will accommodate bolts that extend up to 6" past the nut. It uses a 7/16" hex adapter (49782) (include that allows you to leave it in the impact & turn the socket end for end.

Number	Description
49782	Impact Adapter f/ NR 1 Also Sold Separately

NR 1



49782

Sockets

"T" Wrench w/ Penta-Head Socket

This tool is design for opening Underground (Pad-mount) or URD transformer securing bolts. It comes with a T-handle and penta-head socket together as one unit. It saves time and helps you keep from misplacing the socket.

Number	Description
BW-99	T-handle w/ penta socket attached
9076	Penta socket only

BW-99



9076

Bits

Utility Pole Impact Auger Bits

These wood bits are designed for impact drill with a 7/16" quick change Hex size shank.

Manufacturer	Size	Number - length 18"
Wood Owl	9/16"	08806
Wood Owl	11/16"	08808
Wood Owl	13/16"	08810
Wood Owl	15/16"	08812
Greenlee	11/16"	37869
Greenlee	13/16"	37870
Greenlee	15/16"	37871



KLEIN

Bits

Unibit Step-Drill Bits

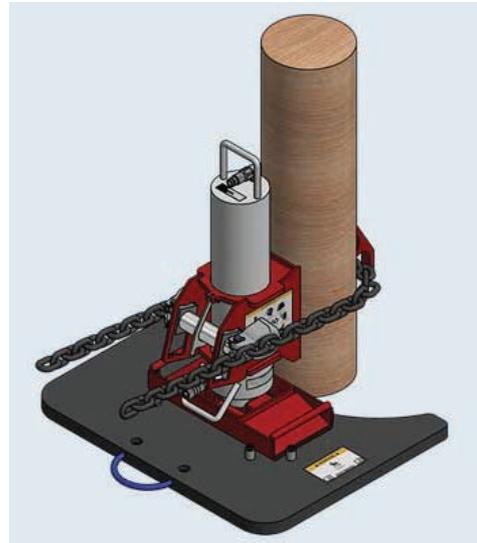
These bits are perfect for drilling different size holes with the single bit. The single fluke cutting edge design assures penetration of softer materials. The hole size is easily determined by the diameter markings that are permanently etched in the fluke area. They can be used on metal, plastics and wood.



Number	Hole Sizes Per Bit	Size Range (Hole Diameter)	Pilot Hole Required	Electric Drill Size	Depth Penetration Per Step
59001	13 in 1/32"	1/8" to 1/2"	No	1/4" and larger	1/8"
59002	8 in 1/16"	9/16" to 1"	1/2" or larger	1/2" and larger	1/8"
59003	9 in 1/16"	1/4" to 3/4"	No	3/8" and larger	1/8"
59004	10 in 1/16"	13/16" to 1-3/8"	3/4" or larger	1/2" and larger	1/8"
59005	6 in 1/16"	3/16" to 1/2"	No	1/4" and larger	3/8"
59008	1	7/8"	No	3/8" and larger	N/A
59011	2	7/8" to 1-1/8"	No	1/2" and larger	1/8"
59014	12 in 1/16"	3/16" to 7/8"	No	3/8" and larger	1/8"

Pole Stand

Number	Description
TPE09682	Pole Stand
TPE09685	Main Weldment
TPE09681	Swinging Leg Weldment
SWI09680	Locking Pin
PIN09686	Lanyard
RIV09687	Rivet
WSH09683	Nylon Washer
HRD09702	Nylon Insert Locknut
WSH4545	Flat Washer
TPE09386	DELUXE Pole Puller System



TPE09386



TPE09682

Battery-Powered Quad-Point Dieless Crimping Tool

This tool utilizes four indentors with a 6.2 ton capacity to make a crimp. It has a two-speed pump that reduces the crimping time. The ram automatically retracts when crimp is complete. It features a pistol grip and 360 degree rotating head with a flip top for easy removal of the connector. It comes with two 18V Lithium Ion 3.0 AH batteries, choice of 110v, 230v or a 12v one-hour battery charger, carrying case, test gauge and slugs.

SPECIFICATIONS

Capacity: Copper Color-Coded Lugs and Splices: #6 AWG - 500 MCM (750 MCM for EK06FT); Aluminum Color-Coded Lugs and Splices: #6 AWG - 400 MCM (750 MCM for EK06FT); 5/8" Aluminum Service Entrance Sleeves: #8 AWG - 1/0; .840" Aluminum Service Entrance Sleeves: #4 AWG - 350 MCM

Crimp. Force: 6.2 tons Length: 14 7/8" Wt: 10.8 lbs Battery: 18V Lithium Ion 3.0 AH

Number	Description	Capacity	Length	Ship Wt.
EK6FTLX11	Comes w/ 110v charger	#6-750MCM AL	14 7/8"	10.8 lbs
EK6FTLX12	Comes w/ 12v charger	#6-750MCM AL	14 7/8"	10.8 lbs



EK6FTLX

Battery-Powered EK425L-Gator Crimping Tool

This battery-powered MD6 tool has 5 tons of crimping force, weighing approximately 7 pounds lighter than a manual MD6 tool. Comes with two 18V Lithium Ion 3.0 AH batteries, choice of 110v, 230v or a 12v one-hour battery charger and case. Batteries last up to 90 crimps per charge. Cutter die for wire up to 4/0 ACSR(KDG-27) also available.



EK-425L

SPECIFICATIONS

Crimp. Force: 6 tons Length: 18 1/2" Wt: 6.8 lbs Width: 4 1/4" Battery: 18V Lithium Ion 3.0 AH
Crimp Cycle Time: 4 sec. Battery Charge Time: 28 min.

Number	UPC Number	Qty.	Description
EK425LXD011	60905	1	EK425 Crimping Tool w/CJD3 Crimping Jaws w/ 120v Battery Charger
EK425LXD012	60906	1	EK425 Crimping Tool w/CJD3 Crimping Jaws w/ 12v Battery Charger
EK425LXK11	60913	1	EK425 Crimping Tool w/CJK Crimping Jaws w/ 120v Battery Charger
EK425LXK12	60914	1	EK425 Crimping Tool w/CJK Crimping Jaws w/ 12v Battery Charger
CJD30	84514	1	Crimping Jaw Unit - O Dies
CJD3	03242	1	Replacement Crimping Jaw Unit - D3 Dies
CJK	04829	1	Replacement Crimping Jaw Unit - Keraney O Dies
CJD3BG	84515	1	Replacement Crimping Jaw Unit - BG Dies

Ratchet Style Cable Cutter

Number	Description
ESR1000LXB	Bare Tool Only - Cu/Al Ratchet Cutter
ESR1000LX11	Cu/Al Ratchet Cutter w/ two 18V 4.0Ah Batteries, 120V Charger
ESR1000LX12	Cu/Al Ratchet Cutter w/ two 18V 4.0Ah Batteries, 12V Charger
ESR1000LX22	Cu/Al Ratchet Cutter w/ two 18V 4.0Ah Batteries, 230V Charger

Accessories	
Number	Description
52176	18V 4.0Ah Li-ion Battery
52178	120V Li-ion Battery
52179	230V Li-ion Battery
52180	12V Li-ion Battery
12274	Carrying Strap



ESR1000LX

HUSKIE

REC-5430 ROBO*CRIMP

12 Ton Battery Powered Compression Tool

Accepts all 12 ton U-Style dies, 1-3/16" jaw opening, weighs 14.4 lbs, crimps lugs to 750 MCM CU and splices up to 600 MCM CU.

REC-3610 ROBO*CRIMP

15 Ton Battery Powered Compression Tool

Accepts all P-Style dies, and U-Style dies with the PU15 die adapter. 2" jaw opening, weighs 24 lbs, crimps AL #8 to 1250 MCM and CU #8 to 1500 MCM.

REC-54M ROBO*SLICE

Cuts cable to 636 ACSR, 2-1/8" jaw opening, weighs 7.2 lbs, cuts CU and AL to 750 MCM. **Will NOT cut guy wire, ground rods or bolts.**

Battery Tools



ANDERSON

VC6-FT-BP Battery Operated Dieless Compression Tool

Flip-top latch, 360 degree rotating head. Comes w/2 14.4V rechargeable batteries, 15 min. AC charger and carrying case. Crimps: #10str.-750MCM AL/CU . Weighs 12 lbs.

Battery Tools



BURNDY-PATRIOT

PATMD6LI Battery Actuated Crimping Tool 6 Ton Hydraulic Self Contained

10 AWG(Sol)-500 kcmil Copper, 14 AWG(Sol)-350 kcmil Aluminium, 14 AWG(Sol)-4/0 ACSR, W and X Dies, 18V Lithium Ion

PAT750-LI Battery Actuated Crimping Tool 12 Ton Hydraulic Self Contained

14 AWG-500 kcmil Copper, 8 AWG - 587 kcmil Aluminium, 4 AWG - 556.5 kcmil ACSR,U Die, 18V Lithium Ion

PAT46-LI Battery Actuated Crimping Tool 15 Ton Hydraulic Self Contained

8 AWG-1500 kcmil Copper, 8 AWG-1250 kcmil Aluminium, P and U Dies, 18V Lithium Ion

PATCUT2156-LI Battery Actuated Latch Cutter Hydraulic Self Contained

18 V Li-Ion. Cuts EHS guy strand Up to 9/16". Cuts Ground Rods up to 3/4". Cuts ACSR up to 2156

Battery Tools



Manual Compression Tools

Manually operated crimper installs a full range of connectors, from #14 thru 4/0, and is equivalent to the Burndy MD-6. The tool accept W-type die inserts and features spring-loaded die retainer pins to assure positive lock, with butting HD forged steel jaws and a visual alignment system that assures proper adjustment. Standard hickory handles and fiberglass handles with anti-slip grips available.



TCR7004

Number	Description
TCR7002	D-3 Seat Die and Fixed O Nose Die
TCR7004	D-3 Seat Die and Fixed BG Nose Die
REL-BG-FH	D-3 Seat Die and Fixed Nose Die w/fiberglass handles



REL-BG-FH

Manual Cable Crimper

The REL-642 was designed to crimp #2, #4 and #6 connectors with ease and safety to the operator. (Equivalent to Nicopress XPJ Tool) Rust-resistant and features H/D fiberglass handle and long life crimping head.



REL-642S

Number	Description	Ship Wt.
REL-642S	21-1/4" Overall Length	3.50 lbs

Crimping Die Sets

Reliable makes a large assortment of dies for crimping tools. They come in **6-ton** (W-Style), **12-ton** (U-Style), **15-ton** (P-Style), **15-ton** (PU-Adapter) for use with U-Style dies, **60-ton** (Shell-Type) and **100-ton** (Shell-Type).

REL-6TN

Use with 6-ton W-Style Dies

REL-12TN

Use with 12-ton U-Style Dies



REL-6TN
(For Use With 6-Ton W-Style Dies)

REL-12TN
(For Use With 12-Ton U-Style Dies)



Please call for assistance if unsure of the die you need.

4X4 PLUS Cable End Stripper

This tool is for 600 volt secondary cable. Its cutting heads can range from #6 AWG to 500 MCM conductors depending on your requested sizes for each end. It strips 45 mil to 110 ML XLPE, polyethylene and EPR insulation. It comes in either a square cut or chamfer cut and the bushings that can be easily changed in the field or shop.

Number	Description	Ins Mat.	Ins Thick	Length w/Bushing	Ship Wt
36001H	4X4 Body Only	XLPE or ERP	45-110 mil	4.5" X 5"	14 oz.

36001H



Ordering Information: See page 89 for bushing selection table.

Adjustable Blade Banana Peeler

Adjustable blade Semi-Con Scorer Tool that is able to score from 1 to 90 mils (.025-2.286mm). It can also be used for strippable semi-con URD cable shield. The spring loaded blades allow for precise scoring and its unique cartridge adapts to out of round cable.

Number	Length	Cable	O.D. Range	Ship Wt.
34244	9.4"		.750-1.250"	13oz.
34245	9.4"		1.250-2"	13oz.

34244



PIT 1T

Designed for quick and easy insertion or removable of the probe inside the elbow on 15KV to 35KV systems.

Number	Length	Ship Wt
35150	9.375"	1-1/4 lbs

PIT 2

Designed for quick and easy insertion or removable of the probe inside the 35KV RTE elbow only.

Number	Length	Ship Wt
27620	10"	1.0 lb

LBIT-1T

This tool is designed for 200 amp bushing inserts with internal hexagon socket drive.

Number	Description	Ship Wt
35900	Load bushing insert tool	21 oz



SPEED SYSTEMS

Cable Stripping Tools

1542

This insulation stripper features a precise blade depth adjustment for stripping insulation from 1/2" to 1-3/4" thick, and requires no bushing, making installation fast and reliable.

Number	Description	Ship Wt.
1542-2CL	Tool w/ one wedge blade installed, spare straight blade	2.50 lbs
1542-2CL-1	Tool w/ one wedge blade installed, spare wedge blade	2.50 lbs
1542-2CL-2	Tool w/ one straight blade installed, spare straight blade	2.50 lbs
1542-2AS	Stripper and scorer combo w/ one wedge blade installed, spare straight blade	2.75 lbs

1542-2AS



Semi-Con Scorers

This tool scores (scribes) semi-con without damage to insulation. Features an adjustable blade depth of .001" to .100", and leaf springs to guarantee constant pressure for both square and spiral cuts.

Number	Description
1700	Adjustable Blade Scorer w/ square cut / spiral cut
1700-SS	Adjustable Blade Scorer w/ square cut / spiral cut and dial locking set screw (Pictured right)
1678	Replacement blade - All tools

1700-SS



LPW1525/TK120X

A combination tool that works on either 15KV or 25KV elbows and also on Elastimold 35KV elbows.

Number	Description	Ship Wt
LPW1525/TK120X	Probe wrench/Tor-key combo	1.0 lbs
LPW1525/TK120X-N	Probe wrench/Tor-key combo w/ neutral winder	1.0 lbs

LPW1525/TK120X



LPW35R/TK120X

A combination tool that works on either Cooper or Charden 35KV elbows.

Number	Description	Ship Wt
LPW35R/TK120X	Probe wrench/Tor-key combo	1.5 lbs
LPW35R/TK120X-N	Probe wrench/Tor-key combo w/ neutral winder	1.5 lbs

LPW35R/TK120X-N



BIT/TK120X-Q

This tool is a bushing insert tool with Tor-key. It fits all loadbreak bushing inserts.

Number	Description	Ship Wt
BIT/TK120X-Q	Bushing insert tool	2.0 lbs

BIT/TK120X-HD

Heavy Duty Bushing Tool with heavy duty torque limiter.

Number	Description	Ship Wt
BIT/TK120X-HD	Bushing insert tool	3.0 lbs

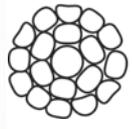
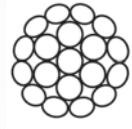
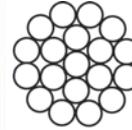
BIT/TK120X-Q



CONCENTRIC STRAND CONDUCTOR	Conductor Size (AWG)	Insulation Thickness											
		45 Mil			60 Mil			80 Mil			95 Mil		
		Max	O.D.	Part	Max	O.D.	Part	Max	O.D.	Part	Max	O.D.	Part
		(in)	(mm)	Number	(in)	(mm)	Number	(in)	(mm)	Number	(in)	(mm)	Number
6	.290	7.37	10-30030	.315	8.00	10-32540	*	*	*	.390	9.91	10-40075	
4	.340	8.64	10-35030	.365	9.27	10-37540	*	*	*	*	*	*	
2	.390	9.91	10-40030	.440	11.18	10-45040	.465	11.81	10-47560	*	*	*	
1	*	*	*	.465	11.81	10-47540	.515	13.08	10-52560	*	*	*	
1/0	*	*	*	.515	13.08	10-52540	.565	14.35	10-57560	.590	14.99	10-60075	
2/0	*	*	*	.565	14.35	10-57540	.590	14.99	10-60060	.640	16.26	10-65075	
3/0	*	*	*	.615	15.62	10-62540	.665	16.89	10-67560	.690	17.53	10-70075	
4/0	*	*	*	.665	16.89	10-67540	.715	18.16	10-72560	.740	18.80	10-75075	
MCM													
250	*	*	*	*	*	*	.765	19.43	11-77560	.790	20.07	10-80075	
350	*	*	*	*	*	*	.865	21.97	11-87560	.890	22.61	10-90075	
500	*	*	*	*	*	*	.990	25.15	11-10060	1.040	26.42	10-105075	

COMPRESSED STRAND CONDUCTOR	Conductor Size (AWG)	Insulation Thickness											
		45 Mil			60 Mil			80 Mil			95 Mil		
		Max	O.D.	Part	Max	O.D.	Part	Max	O.D.	Part	Max	O.D.	Part
		(in)	(mm)	Number	(in)	(mm)	Number	(in)	(mm)	Number	(in)	(mm)	Number
6	.290	7.37	10-30030	.315	8.00	10-32540	*	*	*	.390	9.91	10-40075	
4	.340	8.64	10-35030	.365	9.27	10-37540	*	*	*	*	*	*	
2	.390	9.91	10-40030	.415	10.54	10-42540	.465	11.81	10-47560	*	*	*	
1	*	*	*	.465	11.81	10-47540	.515	13.08	10-52560	*	*	*	
1/0	*	*	*	.490	12.45	10-50040	.540	13.72	10-55060	.590	14.99	10-60075	
2/0	*	*	*	.540	13.72	10-55040	.590	14.99	10-60060	.615	15.62	10-62575	
3/0	*	*	*	.590	14.99	10-60040	.640	16.26	10-65060	.665	16.89	10-67575	
4/0	*	*	*	.665	16.89	10-67540	.690	17.53	10-70060	.740	18.80	10-75075	
MCM													
250	*	*	*	*	*	*	.740	18.80	11-75060	.765	19.43	10-77575	
350	*	*	*	*	*	*	.840	21.34	11-85060	.890	22.61	10-90075	
500	*	*	*	*	*	*	.965	24.51	11-97560	1.015	25.78	10-102575	

COMPACTED STRAND CONDUCTOR	Conductor Size (AWG)	Insulation Thickness											
		45 Mil			60 Mil			80 Mil			95 Mil		
		Max	O.D.	Part	Max	O.D.	Part	Max	O.D.	Part	Max	O.D.	Part
		(in)	(mm)	Number	(in)	(mm)	Number	(in)	(mm)	Number	(in)	(mm)	Number
6	.290	7.37	10-30030	.315	8.00	10-32540	*	*	*	.390	9.91	10-40075	
4	.340	8.64	10-35030	.365	9.27	10-37540	*	*	*	*	*	*	
2	.390	9.91	10-40030	.415	10.54	10-42540	.465	11.80	10-47560	*	*	*	
1	*	*	*	.440	11.18	10-45040	.490	12.35	10-50060	*	*	*	
1/0	*	*	*	.465	11.81	10-47540	.515	13.08	10-52560	.565	14.35	10-57575	
2/0	*	*	*	.515	13.08	10-52540	.565	14.35	10-57560	.590	14.99	10-60075	
3/0	*	*	*	.565	14.35	10-57540	.615	15.62	10-62560	.640	16.26	10-65075	
4/0	*	*	*	.615	15.62	10-62540	.665	16.89	10-67560	.690	17.35	10-70075	
MCM													
250	*	*	*	*	*	*	.715	18.16	11-72560	.740	18.80	10-75075	
350	*	*	*	*	*	*	.790	20.07	11-80060	.840	21.34	10-85075	
500	*	*	*	*	*	*	.915	23.24	11-92560	.965	24.15	10-97575	



Shotgun Tools

Single-Piece Style w/ Internal or External Operating Rod

Commonly called a “Shotgun”, features a thumb release that must be depressed to release the lock, easy to use with rubber gloves and can be used for either overhead or URD circuits with the proper fittings.

Add suffix “A” to catalog number for CHANCE Universal end
Add suffix “U” to catalog number for HASTINGS Universal end

CHANCE	Number		Length
	HASTINGS	UTILITY SOLUTIONS	
C403-0291 (External)	8104 (External)	USSG-004-ERZZ	4', 6"
	8204 (Internal)	USSG-004-IRZZ	4', 6"
C403-0292 (External)	8106 (External)	USSG-006-ERZZ	6', 6"
	8206 (Internal)	USSG-006-IRZZ	6', 6"
C403-0293 (External)	8108 (External)		8', 6"
	8208 (Internal)		8', 6"
		USSG-008-ERZZ	8', 8"
		USSG-008-IRZZ	8', 8"
C403-0294 (External)	8110 (External)	USSG-010-ERZZ	10', 6"
	8210 (Internal)	USSG-010-IRZZ	10', 6"
C403-0295 (External)	8112 (External)		12', 6"
	8212 (Internal)		12', 6"



Folding or Hinge Clamp Stick

It has the same features as the Single-Piece Style but with the added feature of folding in half. This makes it ideal for limited tool storage space on vehicles.

CHANCE	Number		Length
	HASTINGS		
C403-0296	13412		6', 6"
C403-0297	13413		8', 6"
C403-0298	13414		10', 6"
C403-0299	13415		12', 6"
C403-0342			14', 6"
C403-0343			16', 6"



Shotgun Tools

Telescopic Shotgun Sticks

Has all the same features as a regular clampstick (shotgun) plus will extend to several different lengths, making it a very versatile tool.



8158

C403-1035

Number CHANCE	Approx. Retracted	Operating Length
C403-1035	5', 2-3/4"	5', 6-3/4" • 6', 9-1/2" • 8'
C403-1036	8', 2-3/4"	8', 6-3/4" • 10', 4-1/2" • 12', 2-1/4" • 14'
HASTINGS		
8158	5', 1"	5', 1" • 6-1/2' • 8'
81611	6', 1/2"	6-1/2' • 8' • 9-1/2' • 11'
81-811	8'	8' • 9-1/2' • 11' • 12'
81-814	8'	8' • 10' • 12' • 14'
81-1018	9', 10"	9', 10" • 11', 9" • 13-1/2' • 15-1/2' • 17-1/2'

S&C ELECTRIC COMPANY

Loadbuster Tool

This lightweight, portable tool, designed to interrupt load, is capable of dropping 600 amperes nominal and 900 amperes maximum, and can be used on either an overhead or underground circuit.

Number	Description
5300R3	Rated for 27Kv
5400R3	Rated for 38Kv
5380	Carrying Case

Load Buster Tools



5380

5300R3

5400R3

UTILITY SOLUTIONS

Load Break Tool

The lightest, most user-friendly portable load break tool available. Features a pad mount version, hard or soft case, extended insulated hood and an economical non-counter version.

Number	Description
USLR-XLT1	Up to 27 kV Rated, 900 AMP w/ Counter
USLR-XLT2	27 kV - 38kV Rated, 900 AMP w/ Counter

Load Buster Tools



USLR-XLT1

USLR-XLT2

Switch Sticks & Elbow Pullers

Disconnect Hot Stick (Fixed Head)

These tools are used for opening and closing disconnect switches and cutouts. They are made of fiberglass with a permanently installed head.

Number		Pole Diameter	Pole Length
CHANCE	HASTINGS		
H3046-12	460-6	1-1/4"	6'
H3046-13	460-8	1-1/4"	8'
H3046-14	460-10	1-1/4"	10'

Universal Hotstick

These sticks come with either a universal head on both ends or with a universal end and a cap on each end. The universal end allows for it to be used for many hot stick accessories. This saves money and time by using one stick for multiple tasks.

Number		Pole Diameter	Pole Length
CHANCE	HASTINGS		
H1760-1 or H1760-3 (2 ea. heads)	567-6	1-1/4"	6'
H1760 or H1760-4 (2 ea. heads)	567-8	1-1/4"	8'
H1760-10	567-10	1-1/4"	10'

Impact Elbow-Puller Tools

This tool is used to remove primary elbows. It also has a 5lb sliding weight at the handle to help remove stubborn elbows. It can also be used to seat elbows when necessary. Grippers not included. When ordering this tool please specify what grippers you want. It can either be for 15kv, 25kv or 35kv elbows. The grippers can be order separately.

Number		Length
CHANCE	HASTINGS	
C403-1851	5326	4-1/2'
C403-1822	5327	6'
C403-1850	5328	8'



HASTINGS

Tree Trimmers

Universal Tree Pruner

- Drop forged steel double cutting action blades
- 2-pulley rope string for added power
- Universal saw can be attached to head
- Complete unit mounted on 12" fiberglass shaft with universal adapter and 25' polypropylene rope
- Can be used w/ Pruner Rope Insulator for additional protection near high voltage lines

Number	Description	Ship Wt.
10-019	Cuts limbs up to 1 -1/2" diameter	3.0 lbs



10-019

CHANCE

Tree Trimmers

Tree Trimmers

- Designed to cut up to 1-1/2" diameter branches
- Useful around energized conductors or in hard-to-reach places
- Head features sharpened stationary and movable blades made of drop forged steel
- Rope and ball bearing pulley arrangement provides superior power
- 25' Rope
- 18" Universal Tool Fitting

Number		Description	Overall Length	Approx. Weight
1-1/2" Pole	1-1/4" Pole			
H2006	H2106	Epoxiglas Tree Trimmer	6', 10"	5.25 lbs

Tree Trimmer Accessories

Number	Description	Ship Wt.
H21064	Universal Tree Trimmer, 18" Epoxiglas Pole	3.5 lbs



H21064

H2106

Easy Tip Lock Replacement

Buttons are easily replaced without sacrificing the entire tip section. The repair is easy enough to be done in the field, so sticks stay on the job longer and repair costs go down. Bucket operable models not available with Tip lock feature.



Blue Stripe® Patented Alignment Feature

The most revolutionary design change to hot sticks since fiberglass is our patented Blue Stripe® alignment feature. Extending even our 50 footer is easy with this ingenious button alignment feature.



Number	Size	Closed Length	Base Diameter	No. Of Sections	Weight	Operating Lengths	Protective Bag
GROUND OPERABLE							
USTS-050	50'	68"	3 1/2"	11	20 lbs	50',45',40',35',30'	USSB-006
USTS-045	45'	66"	3 1/8"	10	16 lbs 8 oz	45',40',35',30',26'	USSB-006
USTS-040	40'	65"	2 7/8"	9	13 lbs 8 oz	40',35',30',26',21'	USSB-006
USTS-035	35'	63"	2 5/8"	8	11 lbs	35',30',26',21',17'	USSB-006
USTS-030	30'	62"	2 3/8"	7	8 lbs 14 oz	30',26',21',17'	USSB-006
USTS-025	25'	60"	2 1/8"	6	6 lbs 14 oz	26',21',17'	USSB-006
USTS-020	20'	58"	1 7/8"	5	5 lbs 3 oz	21',17'	USSB-005
USTS-016	16'	56"	1 5/8"	4	4 lbs	16',12'	USSB-005
USTS-EET	5'	56"	1 1/4"	1	1 lbs	adds 56"	USSB-005
BUCKET OPERABLE							
USTS-012	12'	30"	2 5/8"	7	5 lb 11 oz	12'	USSB-003
USTS-010	10'	28"	2 3/8"	6	4 lb 11 oz	10'	USSB-003
USTS-008	8'	26"	2 1/8"	5	3 lb 11 oz	8'	USSB-003
USTS-006	6'	26"	1 7/8"	4	2 lb 8 oz	6'	USSB-003
USTS-004	4'	26"	1 5/8"	3	2 lb	4'	USSB-003

HASTINGS

Tel-o-Pole Hot Stick w/ Tip Lock

Designed for opening and closing disconnect switches, replacing fuses in cut outs, pruning trees and replacing lamps in street light circuits or inside high buildings. All sections have high-density electrical grade fiberglass for greater strength and high dielectric properties. Each retracts and locks into next larger section. Comes with universal head.

Number	Extended Length	Retracted Length	Ship Wt.
ST-225	17', 21', 25-1/2'	60"	7.0 lbs
ST-230	17', 21-1/2', 26', 30'	61-5/8"	8.75 lbs
ST-235	17', 21-1/2', 26', 30', 35'	63-3/8"	11.0 lbs
ST-240	22', 26', 30', 35', 40'	65-3/8"	13.9 lbs

TEL-O-POLE II No Twist

These poles are all heavy duty and features a unique triangular shape which allows each piece to lock in place automatically. It has a high visibility tip section with newer models reaching up to 40'. The bottoms have been redesigned to for easy of operations with or without gloves and the ergonomic design gives operators better gripping surface for better control.

Number	Extended Length	Retracted Length	Ship Wt.
HV-208	8'	26"	3.0 lbs
HV-230	30'	66"	10.0 lbs
HV-235	35'	68"	12.0 lbs
HV-240	40'	69"	14.5 lbs

Measuring Stick

Light weight, safe, and compact for carrying inside a car or truck. It is ideal for taking fast and accuracy vertical readings. It has eye level readings that eliminate the need for calculations. All models are marked in red graduations for feet and inches.

Number	Extended Length	Retracted Length	Ship Wt.
E-25	25'	65-3/4"	3.2 lbs
E-30	30'	65-3/4"	4.42 lbs
E-35	35'	65-3/4"	5.86 lbs
E-40	40'	65-3/4"	7.5 lbs
E-50	50'	69-3/16"	13.2 lbs

Disconnect Tools



ST-235

HV-208

E-50

CHANCE

Disconnect Tools

Standard Duty Disconnect Tool

The universal end fitting accepts a wide variety of attachments that allow a person to operate disconnect switches, fuse cut outs, prune trees and many other tasks with one tool.

Number	Extended Length	Retracted Length
C403-1023	8'	56"
C403-1017	8',12'	57"
C403-1018	12',16'	59"
C403-1020	16-1/2',20-1/2',25'	63"
C403-1021	17-1/2',21-1/2',25-1/2',30'	65"
C403-1022	22',26',30-1/2',35'	67"
T403-3349	22',28',34',40'	74-1/2"

Telescoping Disconnect and Measuring Stick Tool

Same features as the standard duty plus it can be used to measure heights. It is marked with 1 foot increments designated in a box, each inch in bold numbers and each 1/2" with a bar.

Number	Max. Extended Length	Retracted Length
C403-1022EM	35'	63"

(Disconnect head included w/each tool)



TECHLINE TOOLS

Disconnect Tools

Vinyl Hot Stick Bags

These bags offer added protection for your sticks and keeps them dry (Vinyl only). Comes with carrying handle.

Number	Size
HSB30	6"W x 30"L
HSB66	6"W x 66"L
HSB72	6"W x 72"L
HSB84	7.5"W x 84"L
HSB130	6"W x 130"L



Disconnect Tools

HASTINGS Fuse Claw

This tool is design to install or remove fuse barrels. It features a cradle that is reversible with spring loaded tabs that hold the door in place, and fits on any universal head.

Number	Description
10-082	Fuse-Claw

UTILITY SOLUTIONS Grab-IT

This tool works on many different cutout fuse holders. The self guiding design allows for easy removal or installation of doors. It gives you positive control in high wind and allows for easy installation because of the drop down design. It fits on any universal head.

Number	Description
Grab-It-2	Use on 100 or 200 amp fuse holders

S&C Electric Company Cut Out Door Remover & Installer

Used for installing and removing cut out doors. Mounts to the end of a hotstick and has no moving parts to fail.

Number	Description
4440	Cut Out Door Remover and Installer

Disconnect Heads

This tool is used for opening or closing switches, cut outs and etc. The hook allow for hanging from aerial structures.

Number	
CHANCE	HASTINGS
M4455-9	P10431

Universal Screwdriver

This tool is designed for either tightening or removing screws.

Number	
CHANCE	HASTINGS
M4455-28	5455-28



10-082



Grab-It-2



4440



M4455-9



P10431



5455-28

Please call (800) 747-3747 to order any Hot Stick Tool and accessories not listed here.

Disconnect Tools

Cotter Key Puller and Installer Tool

These tools are designed for removing or installing cotter keys on energized lines and hard to reach places.

Number		Description
CHANCE	HASTINGS	
M4455-12		Snap-out Cotter Key Remover
M4455-82		Pulling and replacing hump-style cotter keys
HASTINGS		
12425		Cotter Key Installer-Puller Tool for 1/8" Cotter Keys
5455-21		Cotter Key Installer-Puller Tool for 3/16" Cotter Keys



Clamp Stick Head

Used for installing or removing eye screw clamps.

Number	
CHANCE	HASTINGS
M4455-29B	A10022

Pruning Saw

This tool is light weight with a curved blade for easy cutting. It fits all poles equipped with a universal head.

Number	
CHANCE	HASTINGS
C403-2213	A11000



Hack Saw

This tool is excellent when you need to use a hack saw near energized lines. It can be use at various angles and fits on any universal head.

Number	
CHANCE	HASTINGS
M4455-23	5454-7



Please call (800) 747-3747 to order any Hot Stick Tool and accessories not listed here.

Disconnect Tools

Fixed Tie Stick Head

This tool is used for looped end tie wires. It is useful in close quarters where ends must be rolled to prevent contact with crossarms, poles or hardware.

Number	
CHANCE	HASTINGS
M4455-17	P10055



M4455-17

Rotary Prong Tie Stick Head

This tool is used for looped end tie wires. The prong swivels freely, permitting a full turn on the tie wire without releasing contact.

Number	
CHANCE	HASTINGS
M4455-69	A10020



M4455-69

Rotary Blade Tie Stick Head

This tool is used for manipulating tie wire without looped ends. It has a swivel, V-notch blade that will grab the wire securely when tying in the conductor.

Number	
CHANCE	HASTINGS
M4455-70	A10021



M4455-70

Tie Wire Claw

This tool is hand-like that easily applies either factory-formed or field formed tie wires. The claw controls the wire with a grip equal to pliers. It fits all universal sticks.

Number	
CHANCE	
C403-1416	



C403-1416

Hot Stick Hand Guards

This tool is design for use on all hot sticks to maintain minimum clearance between the hand and the end of the hot stick or tool.

Number		Size
CHANCE	HASTINGS	
C403-0799	A30002	1-1/4" Dia., Other sizes available if needed.



C403-0799

Please call (800) 747-3747 to order any Hot Stick Tool and accessories not listed here.

Disconnect Tools

Preform Ties and Armor Rod Tools

These tools are designed to install/ remove either perform ties or armor rods on energized lines or hard to reach places.

CHANCE HOT RODDER

Number	Description
C403-1071	Diameter is 17/32" and Length is 1-3/4"
C403-0834	Diameter is 11/16" and Length is 3"

HASTINGS ARMOR ROD APPLICATOR

Number	Description
10-096	Armor Rod Applicator

Universal V Conductor Cleaning Brush

This tool gives you a two side cleaning action with each stroke. It can be used on a hot stick or with a handle depending on your needs.

Number		Description
CHANCE	HASTINGS	
M4455-63	10-180	Wire brush in V-position
M1899	10-179	Replacement brushes
M1889	10-178	Hand Wire Brush

Conductor Cleaning Brush

This brush allows you to clean the circumference of a conductor with two stick positions. It fits on any universal stick or may be used by hand.

Number	Description
CHANCE	
M4455-92	1-1/4" dia. Tube w/ universal fitting
M4455-93	1-1/4" dia Tube, only
HASTINGS	
10-176	SS bristles 8 Sol---500MCM wire
10-186	SS bristles 8 Sol---954 ACSR wire



C403-1071



10-096



M4455-63



10-178



M4455-93



M4455-92

Please call (800) 747-3747 to order any Hot Stick Tool and accessories not listed here.

COLUMBUS MCKINNON

Wood Handle Cant Hook

The handle is made from hardwood and the hook is made of high-carbon steel. Its unique hook design prevents the hook from falling back and damaging the handle.

Number	Handle Dimensions
06130	2-1/4"D x 3-1/2"L
06240	2-1/2"D x 4"L
06250	2-1/2"D x 4-1/2"L

Cant Hooks



06240

HASTINGS

Fiberglass Handle Cant Hook

The tool's handle is made of fiberglass with a high strength steel hook. It has a heavy duty cap to protect butt end and a metal sleeve on head to eliminate wear.

Number	Handle Dimensions
6705	1-3/4"D x 3"L

Cant Hooks



6705

COLUMBUS MCKINNON

Lifting Tongs

Certified and Proof Tested alloy product for overhead lifting. Meets the requirements of ASME B30.20 Below-the-Hook Lifting Devices, Group 1, Section 20-1.2.1 and 20-1.4 for marking and testing.

Number	Description
40228	Designed to provide a sure grip on poles and logs. 1" x 25"

Cant Hooks



40228

CHANCE

Fiberglass Handle Cant Hook

This tool replaces the conventional wood handle Cant Hook. The hook is made of one piece high carbon steel, forged and drawn to a point.

Number	Handle Dimensions
C305-0008	2"D x 4'L

Cant Hooks



C403-0021

C305-0008

Pole Wrench

This tool also features a fiberglass handle. It will work on fiberglass, concrete, steel or wood poles; whether they are round or other geometric sizes (Square, Hex or etc.). It is nylon webbing strap is 1-3/4" x 6" and is rated at 7500lbs, tensile strength.

Number	Handle Dimensions
C403-0021	2"D x 4'L

Insulated Blankets & Line Hoses

Flexible Line Hose

Flexible dielectric cover-up, line hose provide protection from accidental contact with conductor.

1-1/4" INSIDE DIA. -STRAIGHT CLASS 2, PROOF TESTED @ 20kV AC rms

Number	Description	Ship Wt.
CHANCE C406-0294	3'	2.27 lbs
SALISBURY OR125-3	3'	4.00 lbs
CHANCE C406-0295	4-1/2'	3.41 lbs
SALISBURY OR125-45	4-1/2'	6.00 lbs
CHANCE C406-0296	6'	4.55 lbs
SALISBURY OR125-6	6'	7.50 lbs

1-1/2" INSIDE DIA. -STRAIGHT CLASS 3, PROOF TESTED @ 30kV AC rms

Number	Description	Ship Wt.
CHANCE C406-0297	3'	3.11 lbs
SALISBURY OR150-3	3'	5.00 lbs
CHANCE C406-0298	4-1/2'	4.66 lbs
SALISBURY OR150-45	4-1/2'	7.00 lbs
CHANCE C406-0299	6'	6.22 lbs
SALISBURY OR150-6	6'	9.50 lbs

1-1/4" INSIDE DIA. W/COUPLER -STRAIGHT CLASS 2, PROOF TESTED @ 20kV AC rms

Number	Description	Ship Wt.
CHANCE C406-0304	3'	3.17 lbs
SALISBURY OR125-3C	3'	3.50 lbs
CHANCE C406-0305	4-1/2'	4.31 lbs
SALISBURY OR125-45C	4-1/2'	6.50 lbs
CHANCE C406-0306	6'	5.44 lbs
SALISBURY OR125-6C	6'	9.00 lbs

1-1/2" INSIDE DIA. W/COUPLER -STRAIGHT CLASS 3, PROOF TESTED @ 30kV AC rms

Number	Description	Ship Wt.
CHANCE C406-0307	3'	4.09 lbs
SALISBURY OR150-3C	3'	6.00 lbs
CHANCE C406-0308	4-1/2'	5.64 lbs
SALISBURY OR150-45C	4-1/2'	8.00 lbs
CHANCE C406-0309	6'	7.20 lbs
SALISBURY OR150-6C	6'	9.00 lbs

C406-0299



OR150-6C



Insulated Blankets & Line Hoses

Insulator Covers

Orange, weather-resistant Type II SALCOR®, are used with conventional line hose to cover pin-type insulators. All covers feature RIB-GRIP construction to lock to the underside of the insulators.



OKRG

Blanket Clamp

Number	Description	Ship Wt.
C406-0530	Blanket Clamp	1 lbs



C406-0530

Solid Blankets

Compliant with ASTM D1048 specification, flexible, orange color, Class 4, 40 kV.

Number	Description	Ship Wt.
C406-0346	36" x 36" w/ 6 eyelets	8 lbs
900E	36" x 36" w/ 6 eyelets	8 lbs



C406-0346

Slotted Blankets

Number	Description	Ship Wt.
C406-0348	36" x 36" w/ 28 eyelets	8 lbs



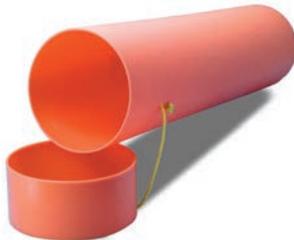
C406-0348

Rubber Blanket Canisters

Number	Description	Ship Wt.
C403-2998	7" x 37", no handle Fits 1 - 4 Blankets	6 lbs
C403-2999	10" x 37" w/ handle Fits 1 - 6 Blankets	8 lbs

C403-2998

C403-2999



Insulated Blankets & Line Hoses

Pole Covers

These pole covers are used to help protect personnel when raising or lowering a pole between energized lines or to cover poles when rubber glove maintenance is performed in relatively confined areas. The covers are made of high-dielectric linear polyethylene material that will not flash flame. This material will have some softening without deformation at approximately 170°F, and it will resist brittleness at temperatures to -50°F. All Chance pole covers are ribbed to reduce cover contact with the pole, thus minimizing creosote contamination.

A nylon button on 4- and 6-foot lengths allows the pole covers to be joined together in tandem, where longer lengths require covering. The rope handles permit personnel to easily spread the covers and snap them around the pole; rubber gloves must be worn during this procedure.

Prolonged contact with an energized conductor must not be allowed. Button-Nut Kit, T4060214.

Number	Overall Length	Ship Wt.
6" Diameter Pole Covers		
C4060550	48"	6.5 lbs
C4060551	72"	9.5 lbs
9" Diameter Pole Covers		
M49371	12"	2.5 lbs
M49372	24"	4 lbs
M49374	48"	9 lbs
M49376	72"	13 lbs
12" Diameter Pole Covers		
C4060029	24"	5.5 lbs
C4060030	48"	11 lbs
C4060000	72"	16 lbs



Pole covers can be removed easily from ground level using Chance telescoping tools.

Insulated Blankets & Line Hoses

CHANCE Conductor & Insulator Covers

These covers provide a highly versatile system of covering up a wide variety of configurations on distribution systems. The conductor and insulator units mate together to cover pin-type or post-type insulator construction and also can be used with the deadend cover, shown on page 2402. The units virtually surround the hot parts and hardware to give the linemen extra protection when rubber gloving or using hot sticks.

Both the conductor and insulator cover will couple with major brands of rubber line hose and insulator covers of the 25kV class.

Conductor and insulator covers are made of high-density polyethylene and are bright orange in color.

Conductor covers are 5 feet long and are available with a Grip-All adapter for hot stick application or without adapter for rubber glove application. Also available with 4-foot Epoxiglas® handles. Maximum conductor size: 666 kcmil ACSR.

Insulator covers are 21 inches long and 8-1/2 inches wide and are available in two heights: 6 inches and 9 inches from conductor to cover base to fit different size insulators, either with Grip-All adapter for hot stick application or without adapter for rubber glove application.

Number	Description	Ship Wt.
C4060181	5' Conductor Cover w/ 4' Epoxiglas Handle	5 lbs
P4060184	5' Conductor Cover w/o adapter or handle	3 lbs
C4060181GA	5' Conductor Cover w/Grip-All adapter	4 lbs
PSC4032879	Grip-All Adapter Replacement Kit	1 lbs



C4060181GA with Grip-All Adapter



PSC4032879

Grip-All Adapter Replacement Kit

as furnished on C4060181GA Conductor Cover includes 2 Screws P0010740P and 1 each: Bracket P4060196P, Adapter E4060211P, Wing Nut 055067P, Bolt 066713P.



P4060184 without Grip-All Adapter for rubber glove application



C4060181 with 4-foot Epoxiglas handle

HASTINGS Line Guards

- Light weight - 1/3 the weight of similar rubber hoses
- Snap together feature with male and female connecting ends
- High visibility yellow color
- Easy to clean - smooth polyethylene surface
- Features a larger I.D. than traditional rubber hoses (1.77 inches compared to 1.25 inches)
- Excellent UV properties
- This product has a black inner layer and yellow outer layer of material, if either layer should wear in such a manner that the color from the opposite layer is visible, the product must be taken out of service.
- Brush contact only



Number	Description	Length	Rating Covered Phase To Covered Phase	Rating Covered Phase To Ground	Class	Ship Wt.
6054	Line Guard	4"	15 kV	8.4 kV	2	1.5 lbs
6050	Line Guard	5"	15 kV	8.4 kV	2	1.9 lbs
6060	Line Guard	6"	15 kV	8.4 kV	2	2.3 lbs
6055	Line Guard	5"	26.4 kV	15.3 kV	3	3.8 lbs
6055	Line Guard	6"	26.4 kV	15.3 kV	3	4.4 lbs

Lineman's Strap Hoist

Features a fiberglass handle and polyester webbing and swivel hooks with latches. Double interlocking pawls and dual pawl springs ensure superior reliability.



Number	Single Line			Double Line			Web Strap Length	Handle Length
	Capacity	Lift	Hook to Hook (min)	Capacity	Lift	Hook to Hook (min)		
300A	1500 lbs	9'	21"	3000 lbs	4 1/4'	25"	10'	20'
300DA	1500 lbs	9 1/4'	18"	3000 lbs	4 1/4'	25"	10'	20'
300DHA	1500 lbs	9 1/4'	18"	3000 lbs	4 1/4'	25"	10'	20'
322C	1500 lbs	14'	20"	3000 lbs	7'	23"	15'	24'
344C	2000 lbs	11'	20"	4000 lbs	5.50'	23"	12'	30'
344DC	2000 lbs	11'	20"	4000 lbs	5.50'	23"	12'	30'
344DHC	2000 lbs	11'	22"	4000 lbs	5.50'	26"	12'	30'

⚠ WARNING

Overloading and Improper Use Can Result In Injury

To Avoid Injury:

- Do not exceed working load limit, load rating or capacity.
- Read and follow all instructions.

Link-Chain Ratchet Hoists

Every Chance Hoist is proof-tested and factory-operated at 150% of capacity rating. Lightweight high-strength handle and sheave housings are heat-treated aluminum. All working parts are fully enclosed in the housing unit to protect the hoist mechanism and to cover the gear for worker safety.

Chain is high-strength alloy steel, polished for smooth action and low wear. Load hooks are forged steel with spring-loaded latches. Both top and bottom hooks swivel 360 ° to allow for unwinding action of rope or stranded cable under tension.

SPECIFICATIONS

For all units listed:

- 5-1/2' standard lift distance
- 20" handle/aluminum housing

Number	Rating	Handle Pull at Rating	Hook-to-Hook Minimum	Ship Wt.
C309-0438	3/4-Ton	65 lbs	11"	14 lbs
3011S	1-Ton	90 lbs	11"	14 lbs
C309-0439	1-1/2 Ton	60 lbs	16"	22 lbs
4012	2-Ton	90 lbs	11"	28-1/2 lbs



Each unit bears a safety-instruction label in accordance with ANSI specifications, below.

DO NOT:

1. Lift more than rated load.
2. Operate with twisted or damaged chain.
3. Use if damaged or malfunctioning.
4. Lift people, or loads over people.
5. Use a handle extender (Cheater Bar).
6. Obscure this label.

Rope & Handline Accessories

Multiplex Polyester Rope

3-Strand Polydac, excellent chemical and UV resistance, low stretch.

Other sizes and reel lengths available.

Number	Size	Avg. Tensile Strength
1800-0090-PB44	1/2"	5082 lbs
1800-0140-PB44	5/8"	7744 lbs
1800-0170-PB44	3/4"	10395 lbs

Standard reel length 600'



1800-0090-PB44

Complete Handlines

Number	Description
940	75' Complete Handline Assembly (Bashlin)
3556	80' Rope Handline Assembly (Hastings)
3557	100' Rope Handline Assembly (Hastings)
2407-80	80' Rope Handline Assembly (Buckingham)
2407-100	100' Rope Handline Assembly (Buckingham)
PSC4033478	Handline Block, No Rope (Chance)



940



3557



2407-80

CHANCE

Complete Handlines

The shells and sheaves are made of high dielectric, fiber-filled natural nylon, the shafts of silicon bronze, and the sheave bearings are oil-impregnated bronze. Blocks are available with either poly propylene or Polydacron rope for minimum stretch and long service life.

Number	Description	Ship Wt.
C400-0916	Single Block w/o Becket	1.75 lbs
C400-0917	Single Block w/Becket	2.0 lbs
C400-0919	Double Block w/Becket	3.25 lbs
C400-0918	Triple Block w/o Becket	3.50 lbs
C400-0914	Two Double Blocks w/120' of 1/2," 3-Str. Polypropylene Rope	12.5 lbs
C400-0924	Two Double Blocks w/120' of 1/2," 3-Str. Polypropylene Rope	16.25 lbs
C400-0915	Double and Triple Blocks w/150' of 1/2," 3-Str. Polypropylene Rope	16.0 lbs
C400-0925	Double and Triple Blocks w/150' of 1/2," 3-Str. Polydacron Rope	20.5 lbs
T400-1257	Double and Triple Blocks w/120' of 1/2," Composite Fiber Braided Rope	14.5 lbs
T400-1258	Double and Triple Blocks w/150' of 1/2," Composite Fiber Braided Rope	16.5 lbs



C400-0917

Becket



C400-0915

CHANCE

Snatch Blocks

Light-weight cast-aluminum housing and sheaves, with a hinged, cotter-lock yoke and either forged steel or steel meat hook, makes for quick, easy rigging in diversified applications.

Number	Description w/ Retainer Latch	Ship Wt.
2230-1	Block w/Forged Steel Hook	2.0 lbs
2230-2	Block w/Steel Meat Hook	2.0 lbs
C417-6067	2500 lb Block	2.0 lbs

Rope & Handline Accessories



BUCKINGHAM

Ox Block

Rope snatch block with an integrated friction bar used for hurt man rescue, lowering loads, snubbing loads, and raising loads. Allows the rigging professional to handle loads with greater control.

Number	Description
50061 A-4	OX BLOCK with an attached 4' x 5/8" adjustable sling and a steel carabiner
50061 A-7	OX BLOCK with an attached 7' x 5/8" adjustable sling and a steel carabiner
50061 B	OX BLOCK only with 2 steel carabiners
50061 A-4/80	OX BLOCK with an attached 4' x 5/8" adjustable sling, a steel carabiner and an 80' x 1/2" handline assembly
50061 A-4/100	OX BLOCK with an attached 4' x 5/8" adjustable sling, a steel carabiner and an 100' x 1/2" handline assembly
50061 A-7/80	OX BLOCK with an attached 7' x 5/8" adjustable sling, a steel carabiner and an 80' x 1/2" handline assembly
50061 A 7/100	OX BLOCK with an attached 7' x 5/8 adjustable sling, a steel carabiner and an 100' x 1/2" handline assembly

Rope & Handline Accessories





Block and Tackle

These lightweight, galvanized-steel shell blocks are fitted with snubbing hooks to hold the load in any position. Sheaves are strong but lightweight aluminum alloy with all bronze bushings. Available with standard snap hooks or guarded snap hooks, and choice of drop-forged hook or swivel hook.

BLOCKS WITH STANDARD SNAP HOOKS	
Number	Description
1802-30	Furnished w/ 25' of 3/8" rope. Features block w/ snap hook (#267), and a detachable drop-forged anchor hook (#258) on one end, and a block w/ eye and rope tie-off (#268) on other end
1802-30 S/R	Same as above but w/ rope spliced to #268 block
1802-30S	Same as 1802-30S S/R
1802-30S/R	Same as above but w/ rope spliced to #268 block

These are NOT occupational protective devices. NOT for human support.

BLOCKS WITH STANDARD SNAP HOOKS	
Number	Description
267	Plain block of lightweight galvanized steel and aluminum alloy, sheaves have bronze bushings.
268	Same as 267 but w/ eye to splice line block and rope tie-off hook



Anchor Hook

Standard on Klein block and tackle #1802-30 and H1802-30, this drop-forged hook is designed to slip under insulator and engage pin of cross arm. Maximum safe load 750 lbs.

Number	Overall Length	Eye I.D.	Throat Opening
258	5-1/2"	5/8"	3-1/4"



Swivel Anchor Hook

The swivel clevis on this drop-forged hook will engage with snap on Klein block and tackle # 1802-30 and H1802-30. Swivel prevents twisting and kinking of rope. Maximum safe load 750 lbs.

Number	Overall Length	Eye I.D.	Throat Opening
259	6-1/2"	1"	3-1/4"



Heavy-Duty Snap Hook

This drop-forged hook snaps on with one hand and may be used on any conventional steel block, 4" or smaller. Maximum safe load 8000 lbs.

Number	Overall Length	Eye I.D.	Throat Opening
455	4-1/2"	1/2"	1"

These hooks are NOT occupational protective hooks. NOT for human support.

Rope & Handline Accessories (cont.)

BASHLIN	
Number	Description
470	Drop-forged steel w/ swivel clevis and quick acting plunger-style latch. Max. safe load 750 lbs
35	Same as above
443A	General-purpose forged snap hook. Max. safe load 1500 lbs



443A



CHANCE	
Number	Description
M1849	Max. safe load 500 lbs
2012	Bronze swivel snap hook made for hoisting canvas buckets. Max. safe load 150 lbs



M1849

2012

CHANCE

Extension Arm

Replacement Eye Bolt
640062P



Extension Arm
H480072



Replacement Wireholder
M480517



Extension Arm

Designed for use on voltages up to and including 15kV, when reconducting or insulator replacement is necessary.

Number	Epoxiglas Arm Dia. & Length	No. of Wireholders	Fits Maximum Crossarm Size	Max. Vertical Loading Per Wireholder	Weight	Replacement Eye Screw
H480060	2-1/2" x 5'	1	3-3/4" x 4-3/4"	150 lbs	11-1/2 lbs	640062P
H480072	2-1/2" x 6'	2	3-3/4" x 4-3/4"	150 lbs	13 lbs	640062P
T4032417	2-1/2" x 6'	2	3-3/4" x 4-3/4" & 6" x 6"	150 lbs	15 lbs	P40014444P
C4001310 (Heavy Duty)	3" x 6'	2	3-3/4" x 4-3/4" & 6" x 6"	300 lbs	24 lbs	P40014444P

Polyester Muletape

Features special prelubrication and low friction with high abrasion resistant yarns. It comes on wooden reels with lengths up to 100,000 feet and is available with sequential mark.

WP1800P

Number	Strength	Typical Bowline Strength	Typical Muleknot Strength	Minimum Reel Length	Maximum Reel Length	Approx. Width
WP200N	200 lbs	110 lbs	150 lbs	3000'	100,000'	1/8"
WP400P	400 lbs	190 lbs	300 lbs	3000'	100,000'	1/4"
WP600P	600 lbs	360 lbs	468 lbs	3000'	100,000'	3/8"
WP900P	900 lbs	480 lbs	770 lbs	3000'	100,000'	1/2"
WP1250P	1250 lbs	760 lbs	900 lbs	3000'	70,000'	1/2"
WP1800P	1800 lbs	830 lbs	1400 lbs	3000'	50,000'	5/8"
WP2500P	2500 lbs	1300 lbs	1800 lbs	3000'	25,000'	3/4"



REEL THING® (PICKLE)

The Reel Thing® allows one man to lift, stack and spin reels for pay out operations. It is light enough to be carried in one hand, but can lift up to 4,000 lbs.

Warning: Improper use or overloading can result in injury.

Number	Arbor Size		Weight Capacity
	Minimum	Maximum	
ZLD08729	2"	4"	2000 lbs.
ZLD09186	3"	6"	4000 lbs.



ZLD08729



9,800 lb Webbing

CUSTOM SLINGS MADE ON REQUEST.

Treated webbing is standard. Specify untreated if the coating might contaminate plating or similar solutions. Vertical Rating equals basket plus 2. Maximum polyester width is 6 inches.

Specify length when ordering.

FE1801



Single Ply		Working Load Rating (lbs)		Two Ply		Working Load Rating (lbs)	
Number	Width	Choker	Basket	Number	Width	Choker	Basket
FE1801	1"	1,200	3,200	FE2801	1"	2,480	6,200
FE1802	2"	2,480	6,200	FE2802	2"	4,960	12,400
FE1803	3"	3,760	9,400	FE2803	3"	7,040	17,600
FE1804	4"	4,960	12,400	FE2804	4"	8,800	22,000
FE1806	6"	7,440	18,600	FE2806	6"	13,200	33,000
FE1808	8"	9,920	24,800	FE2808	8"	17,600	44,000
FE1810	10"	12,400	31,000	FE2810	10"	22,000	55,000
FE1812	12"	14,880	37,200	FE2812	12"	26,400	66,000

EN1801



Single Ply		Working Load Rating (lbs)		Two Ply		Working Load Rating (lbs)	
Number	Width	Choker	Basket	Number	Width	Choker	Basket
EN1801	1"	2,560	6,400	EN2801	1"	4,960	12,400
EN1802	2"	4,960	12,400	EN2802	2"	9,920	24,800
EN1803	3"	7,520	18,800	EN2803	3"	14,000	35,000
EN1804	4"	9,920	24,800	EN2804	4"	17,600	44,000
EN1806	6"	14,880	37,200	EN2806	6"	26,400	66,000
EN1808	8"	19,840	49,600	EN2808	8"	35,200	88,000
EN1810	10"	24,800	62,000	EN2810	10"	44,000	110,000
EN1812	12"	29,760	74,400	EN2812	12"	52,800	120,000

Klein “Haven” Grips

Number	Cable Size		Safe Load Max	Approx. Wt.
	Min	Max		
1625-20	1 B&S .28	Wire Rope .37	8000 lbs	3.50 lbs
1625-20 7/8	.38	Wire Rope .88	8000 lbs	3.50 lbs
1625-20 1	.50	Wire Rope 1.00	8000 lbs	3.50 lbs
1604-10	14 B&S .06	2 B&S .25	2500 lbs	1.00 lbs
1604-20	8 B&S .125	Steel Strand .50	5000 lbs	2.50 lbs
1604-20L	8 B&S .125	Steel Strand .50	5000 lbs	2.50 lbs

1604-20



Grips for Bare Wire

Number	Cable Size		Safe Load Max	Approx. Wt.	Jaw Length
	Min	Max			
1613-30	12 B&S Solid .08	4 B&S Solid .20	1500 lbs	1.50 lbs	3"



1613-30

Grips for Extra-High-Strength Cables, Messenger, Guy Strand and Conductors

Number	Cable Size		Safe Load Max	Approx. Wt.	Jaw Length
	Min	Max			
1613-40	.12	.37	4500 lbs	3 lbs	4"
1684-5	.218	.55	8000 lbs	6.25 lbs	5"
1628-16	.31	.62	15000 lbs	15.5 lbs	7-1/4"
1628-17	.50	.75	15000 lbs	17 lbs	7-1/4"
1628-18	.75	1.00	15000 lbs	17 lbs	7-1/4"



1613-40

Grips for Bare A.C.S.C., Aluminum and Stranded Copper Cables

The round, smooth inside jaw contour on this series of grips is ideal for bare A.C.S.R., aluminum and stranded copper cables. The smooth jaw grips with maximum contact; are less likely to damage conductors.

Number	Cable Size		Safe Load Max	Approx. Wt.	Jaw Length
	Min	Max			
1656-20	6 A.C.S.R. .20	1/0 A.C.S.R. .40	4500 lbs	3 lbs	4"
1656-30	2 A.C.S.R. .31	.53	4500 lbs	3.25 lbs	4-1/2"
1656-40	.53	336,400 CM A.C.S.R. .74	8000 lbs	7.50 lbs	5-1/2"
1656-50	397,500 CM A.C.S.R. .74	477,000 CM A.C.S.R. .86	8000 lbs	7.50 lbs	5-1/2"
1656-60	477,000 CM A.C.S.R. .86	605,000 CM A.C.S.R. .96	8000 lbs	7.50 lbs	5-1/2"



1656-20

Hot-Line Grips for Bare Conductors

Hot-line grips for both bare and insulated conductors. Grip may be placed on wire with hot-line stick. When stick is removed, latch closes automatically to guard against grip accidentally disengaging from wire. Standard hot-line grips are not supplied with springs or lock-open features. When these features are desired, add prefix letter "S" before catalog number (ex. S1684-

Number	Cable Size		Safe Load	Approx.	Jaw
	Min	Max	Max	Wt.	Length
1613-40H	8 B&S Solid .12	1/0 B&S Strand .37	4500 lbs	3.25 lbs	4"
1684-5H	.218	.55	8000 lbs	6.25 lbs	5"
1656-20H	6 A.C.S.R. .20	1/0 A.C.S.R. .40	4500 lbs	3.25 lbs	4"
1656-30H	2 A.C.S.R. .31	.53	4500 lbs	4.00 lbs	4"
1656-40H	.53	336,400 CM A.C.S.R. .74	8000 lbs	7.75 lbs	5"
1656-50H	.74	.86	8000 lbs	7.75 lbs	5-1/2"
1656-60H	477,000 CM A.C.S.R. .86	605,000 CM A.C.S.R. .96	8000 lbs	7.50 lbs	5-1/2"

CAUTION: Proper maintenance and field inspection of all grips is necessary before each use.

- Check to be sure there is no accumulation of foreign material in the jaws which might cause slippage. Use Cat. No. 25450 wire brush set.
- Check mechanical condition on entire grip.
- Check grip to be sure it is the correct size and type for the application
- Clean and lubricate. Do NOT lubricate gripping surface of jaw.
- Check all parts for distortion or misalignment.



1613-40H



25450

LITTLE MULE

Wire Grips (cont.)

SPECIFICATIONS: Standard and Hot-Line Models • 1000 - 20,000 Lbs

Number	Type	Capacity	Net Wt.	Wire Size				Handle Eye Opening
				Minimum		Maximum		
				Size	Gauge	Size	Gauge	
LMG1000	Standard Grip Spring-Loaded	1000 lbs	.50 lbs	.04"	18AWG	.394"	1/0 AWG	.625" dia.
LMG2000		2000 lbs	1.00 lbs	.109"	8AWG	.594"	4/0 AWG	1"x 1-1/2"
LMG4500		5000 lbs	3.25 lbs	.18"	6AWG	.60"	4/0 AWG	1-1/4"x 1-3/4"
LMG4600		10000 lbs	4.50 lbs	.30"	1AWG	.80"	450MCM	1-1/4"x 1-3/4"
LMG4800		12000 lbs	8.00 lbs	.70"	397MCM	1.25"	1130MCM	1-1/4"x 1-3/4"
LMG4700		20000 lbs	21.0 lbs	.70"	397MCM	1.25"	1130MCM	2-1/2"x 3-1/2"
LMG4501	Hot-Line Grip Spring Loaded Notched Handle	5000 lbs	3.25 lbs	.18"	6AWG	.60"	4/0 AWG	1-1/4"x 1-3/4"
LMG4601		10000 lbs	4.50 lbs	.30"	1AWG	.80"	450MCM	1-1/4"x 1-3/4"
LMG4801		12000 lbs	8.00 lbs	.70"	397MCM	1.25"	1130MCM	1-1/4"x 1-3/4"
LMG4701		20000 lbs	21.0 lbs	.70"	397MCM	1.25"	1130MCM	2-1/2"x 3-1/2"
LMG4502	Hot-Line Grip No Spring No Notch	5000 lbs	3.25 lbs	.18"	6AWG	.60"	4/0 AWG	1-1/4"x 1-3/4"
LMG4602		10000 lbs	4.50 lbs	.30"	1AWG	.80"	450MCM	1-1/4"x 1-3/4"
LMG4802		12000 lbs	8.00 lbs	.70"	397MCM	1.25"	1130MCM	1-1/4"x 1-3/4"
LMG4702		20000 lbs	21.0 lbs	.70"	397MCM	1.25"	1130MCM	2-1/2"x 3-1/2"

Note: 1000 and 2000 lb models have Bulldog-type jaw. All other models have Parallel jaw.



Let Techline create a custom set of jumpers for you...

Before calling Techline, please complete the following checklist:

Jumper Clamps: Type _____
(C-Clamp, Duckbil Clamps, Insulated Jumper)

Manufacturer _____ **Cat. No.** _____

Jumper Cable: kV _____ **Size (AWG)** _____
(15, 25, 35kV) (#2, 1/0, 2/0, 4/0)

Length: _____

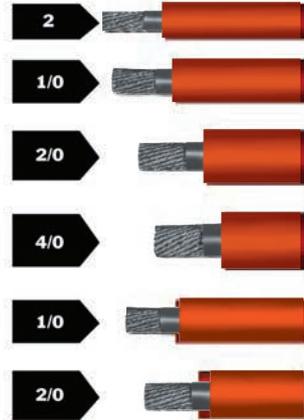
Accessories: _____
(Jumper Storage Bag and Support Stud, Cable Tie-Back Clamp)

**Jumper Cable rated phase-to-phase
15kV / 25kV w/ EPR Insulation/Jacket**

Extremely flexible even at low temperatures, this cable features an insulation/jacket combination resistant to abrasion, oil, heat, moisture and ozone.

For easy identification, AWG size and voltage rating are embossed at 4-foot intervals. Insulation and conductor screen meet and exceed ICEA-NEMA standard S-68-516.

Number	Size AWG	Stranding	Approx. Cond. Diameter	Approx. Cable O.D.	Approx. Ampacity Rating, Amps	Weight Per 1000'
15kV Cable						
37-221-002	#2	259/No. 26	0.322"	0.779"	200	438 lbs
37-221-010	1/0	413/No. 24	0.404"	0.863"	260	598 lbs
37-221-020	2/0	273/No. 23	0.455"	0.914"	300	707 lbs
37-221-040	4/0	437/No. 21	0.602"	1.065"	400	1047 lbs
25kV Cable						
S11272	1/0	413	0.404"	1.113"	260	801 lbs
S11273	2/0	266	0.450"	1.160"	300	913 lbs



Insulated Jumper Clamps (CHANCE)

Chance Insulated Jumper Clamps are used for bypassing work areas where equipment is under repair, the line is being upgraded, and for making temporary or other emergency repairs. The handles are tough, high impact strength, polyethylene with a wide hand guard flange.

Number	Description	Main Line Range		Jumper Cable Range		Ship Wt.
		Max	Min	Max	Min	
G4758	15kV pair of clamps	336.4 ACSR .721"	#6 Copper .162"	4/0	#2	2.25 lbs
G4765	25kV pair of clamps	477 ACSR .883"	#6 Copper .162"	4/0	#2	2.75 lbs
G4775	35kV pair of clamps	954 ACSR 1.165"	#6 Copper .162"	4/0	#2	3.00 lbs

**ADEQUATE RUBBER GLOVES
MUST BE WORN WHEN
INSTALLING OR REMOVING
JUMPER CLAMPS**

G4765



Jumper Clamp Connectors (CHANCE)

Copper Connector Assemblies are necessary to join cable and clamp together on Jumper Clamps or Load Pickup Tools only. Threads are 5/8 -11 NC for all connectors.

Number	Cable Size	Burdny Die No.	No. of Crimps
C600-2598	#2	U165	2
C600-2599	1/0	U165	2
C600-2600	2/0	U165	2
C600-2601	4/0	U166	2

C600-2598



Let Techline create a custom set of grounds for you...

Before calling Techline, please complete the following checklist:

Grounding Application: **Overhead** or **Underground**

Voltage Class: _____

Ground Clamp: **Manufacturer** _____ **Cat. No.** _____

Or provide application information when calling, and we will help you select a clamp.

Ferrule: **Shrouded** or **Unshrouded**

Techline will only make ground sets with installed ferrules. The type of clamp will determine the ferrule.

Ground Cable: **Size** _____ **Jacket Color** _____ **Length** _____

Other Accessories:

Support Studs, Storage Bag, Cluster Bar

Duckbill-Type Grounding Clamps

Number	G1810-2	G3622-1	C600-1734
ELECTRICAL RATING			
Continuous Current	300 AMPS	400 AMPS	400 AMPS
Fault Current-15 Cycles	28,000 AMPS	43,000 AMPS	43,000 AMPS
Fault Current-30 Cycles	20,000 AMPS	30,000 AMPS	30,000 AMPS
MECHANICAL RATING			
Rec. Torque (lbs)	250	250	250
Main Line Range (Max)	4/0 ACSR (0.574")	ACSR (1.162")	ACSR (1.162")
Main Line Range (Min)	#6 Sol. Cu. (0.162")	#6 Sol. Cu. (0.162")	#6 Sol. Cu. (0.162")
Jumper Range (Max)	2/0 Grd. Cable w/ Plain Plug	4/0 Grd. Cable w/ Plain Plug	4/0 Grd. Cable w/ Threaded Stud
Jumper Range (Min)	#2 Grd. Cable w/ Plain Plug	#2 Grd. Cable w/ Plain Plug	#2 Grd. Cable w/ Threaded Stud
Weight Each	1-1/2 lbs	1-1/2 lbs	1-1/2 lbs
ASTM Designation	Type I, Class A, Gr. 3	Type I, Class A, Gr. 5	Type I, Class A, Gr. 5



C-Type Grounding Clamps

Number	C600-2281	C600-2255	C600-2282	C600-2256
ELECTRICAL RATING				
Continuous Current	400 AMPS	400 AMPS	400 AMPS	400 AMPS
Fault Current-15 Cycles	43,000 AMPS	43,000 AMPS	43,000 AMPS	43,000 AMPS
Fault Current-30 Cycles	30,000 AMPS	30,000 AMPS	30,000 AMPS	30,000 AMPS
MECHANICAL RATING				
Rec. Torque (lbs)	250	250	250	250
Main Line Range (Max)	2" O.D. Bus	2" O.D. Bus	2" O.D. Bus	2" O.D. Bus
Main Line Range (Min)	#6 Sol. Cu. (0.162")	#6 Sol. Cu. (0.162")	#6 Sol. Cu. (0.162")	#6 Sol. Cu. (0.162")
Jumper Range (Max)	4/0 Grd. Cable w/ Plain Plug	4/0 Grd. Cable w/ Threaded Stud	4/0 Grd. Cable w/ Plain Plug	4/0 Grd. Cable w/ Threaded Stud
Jumper Range (Min)	#2 Grd. Cable w/ Plain Plug	#2 Grd. Cable w/ Threaded Stud	#2 Grd. Cable w/ Plain Plug	#2 Grd. Cable w/ Threaded Stud
Weight Each	2 lbs	1-3/4 lbs	2 lbs	1-3/4 lbs
ASTM Designation	Type I, Class A, Gr. 5	Type I, Class A, Gr. 5	Type I, Class B, Gr. 5	Type I, Class B, Gr. 5



Number	C600-1959 T600-0465 T600-0466 T600-0790	C600-2271	C600-1754	C600-2275	T600-2276	C600-2708	C600-1743
ELECTRICAL RATING							
Continuous Current	200 AMPS	400 AMPS	350 AMPS	400 AMPS	400 AMPS	400 AMPS	400 AMPS
Fault Current-15 Cycles	21,500 AMPS	43,000 AMPS	28,000 AMPS	43,000 AMPS	43,000 AMPS	43,000 AMPS	43,000 AMPS
Fault Current-30 Cycles	15,000 AMPS	30,000 AMPS	20,000 AMPS	30,000 AMPS	30,000 AMPS	30,000 AMPS	30,000 AMPS
MECHANICAL RATING							
Rec. Torque (lbs)	200	350	250	250	250	250	250
Main Line Range (Max)	ACSR (0.814")	ACSR (1.25")	ACSR (0.998")	ACSR (1.25")	ACSR (1.25")	ACSR (1.25")	ACSR (1.50")
Main Line Range (Min)	#6 Sol. Cu. (0.162")	#6 Sol. Cu. (0.162")	#8 Sol. Cu. (0.128")	#8 Sol. Cu. (0.128")	#8 Sol. Cu. (0.128")	#8 Sol. Cu. (0.128")	#6 Sol. Cu. (0.162")
Jumper Range (Max)	4/0 Grd. Cable w/ Threaded Stud	4/0 Grd. Cable w/ Threaded Stud	2/0 Grd. Cable w/ Threaded Stud	4/0 Grd. Cable w/ Plain Plug	4/0 Grd. Cable w/ Plain Plug	4/0 Grd. Cable w/ Threaded Stud	4/0 Grd. Cable w/ Threaded Stud
Jumper Range (Min)	#2 Grd. Cable w/ Threaded Stud	#2 Grd. Cable w/ Threaded Stud	#2 Grd. Cable w/ Threaded Stud	#2 Grd. Cable w/ Plain Plug	#2 Grd. Cable w/ Plain Plug	#2 Grd. Cable w/ Threaded Stud	#2 Grd. Cable w/ Threaded Stud
Weight Each	1-1/2 lbs	2 lbs	1 lbs	1-1/4 lbs	1-1/4 lbs	1-1/4 lbs	1-1/2 lbs
ASTM Designation	Type I, Class A, Gr. 2	Type I, Class A, Gr. 5	Type I, Class A, Gr. 3	Type I, Class A, Gr. 5	Type I, Class B, Gr. 5	Type I, Class B, Gr. 5	Type I, Class A, Gr. 5

Copper Grounding Cable

Copper Grounding Cable is available in yellow and clear. Jacketing is smooth, abrasion, weather and oil resistant in accordance with applicable ASTM specifications, and marked with AWG size approximately every 4 feet.

Yellow jacket is T-prene rubber compound with a -20°F recommended low temperature. Clear jackets allow visual inspection of strand conditions, and are ultraviolet-inhibited Poly Vinyl Chloride (PVC) with a 0°F recommended low temperature.



Either aluminum or copper ferrules may be used with copper cable.

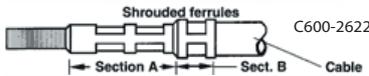
Yellow-Jacket Copper Cable						Clear-Jacket Copper Cable					
Number	Size AWG	Strands	Dia.	O.D.	lbs/1000'	Number	Size AWG	Strands	Dia.	O.D.	lbs/1000'
2136	2	665	0.320	0.55	280	37003002	2	665	0.344	0.53	289
2137	1/0	1045	0.410	0.66	425	37003010	1/0	1050	0.445	0.63	520
2138	2/0	1330	0.470	0.73	520	37003020	2/0	1323	0.487	0.70	546
2139	4/0	2109	0.590	0.87	760	37003040	4/0	2107	0.616	0.84	841

Grounding Ferrules (CHANCE)

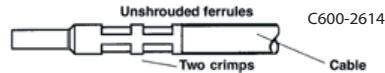
Shrouded ferrules overlap onto the grounding cable jacket for stress relief to the terminal. Two crimps secure the ferrule against the bare strands and one crimp applies on the jacket. **Unshrouded ferrules** are available with shrink tubing that overlaps the bare cable conductor and jacket for stress relief.



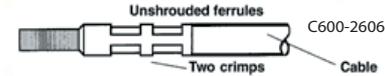
Plain-Plug Type			
1 unit ea. not installed Number	Burndy Die No. or equivalent		Cable Size, AWG
	Sect. A	Sect. B	
C600-2630	U165	U166	2
C600-2631	U165	U168	1/0
C600-2632	U165	U-L	2/0
C600-2633	U166	U-L	4/0



Threaded-Stud Type			
1 unit ea. not installed Number	Burndy Die No. or equivalent		Cable Size, AWG
	Sect. A	Sect. B	
C600-2622	U165	U166	2
C600-2623	U165	U168	1/0
C600-2624	U165	U-L	2/0
C600-2625	U166	U-L	4/0



Unshrouded Plain Copper Ferrules		
1 unit ea. not installed Number	Burndy Die No. or equivalent	Cable Size, AWG
C600-2614	U165	2
C600-2615	U165	1/0
C600-2616	U165	2/0
C600-2617	U165	4/0



Unshrouded Threaded Copper Ferrules		
1 unit ea. not installed Number	Burndy Die No. or equivalent	Cable Size, AWG
C600-2606	U165	2
C600-2607	U165	1/0
C600-2608	U165	2/0
C600-2609	U165	4/0

Truck Grounding Set

This set provides means to drain off capacitance or static charge from equipment. It comes with a flat face clamp for truck and a "C" clamp for securing it to a ground rod or system neutral.

Number	Description	Ship Wt.
T600-1971	Truck Grounding Set, includes the following:	35.0 lbs
G3370	Screw Ground Rod	
T600-1798	Flat Face Ground Clamp	
C600-1754	C-Type Ground Clamp	
S6116	#2 Copper Ground Clamp	
C600-2618A	Shrouded Alum. Ferrules*	
C417-6086	Truck Grounding Set, includes	
* Threaded ferrules are factory installed on ends of cable.		

T600-1971



WARNING: All cable and clamps must be removed from reel before using. Failure to do so could result in a dangerous voltage drop and violent mechanical reaction.

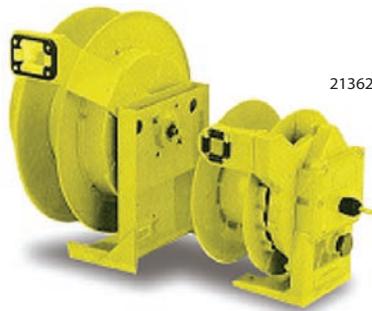
Truck Grounding Reel (Spring Retractable)

Compact designed grounding reels provide an efficient and positive means to ground trucks working on or near energized electric lines. Grounding reels have been tested for maximum fault current rating (test data available).

The ground connection from the reel to the vehicle is made during installation. Operator only needs to connect the free end to a suitable ground. (ie; system neutral or screw ground rod)

Number	Description	Ship Wt.
21362	Retractable Grounding Reel Only* Tested to 27,000 amps/15 cycles	32.0 lbs
21363	Above reel w/ 40' #2 Str. Cu. ground cable (yellow). Factory installed, bronze clamp one end	47.0 lbs
21364	Above reel w/ 40' 1/0 Str. Cu. ground cable (yellow). Factory installed, bronze clamp one end	52.5 lbs
21365	Above reel w/ 40' 2/0 Str. Cu. ground cable (yellow). Factory installed, bronze clamp one end	56.5 lbs
21366	Retractable Grounding Reel Only* Tested to 43,000 amps/15 cycles	83.0 lbs
01-029	Cover for above reel, Yellow vinyl	2.00 lbs

21366



21362

IMPORTANT NOTE: Retractable Reel Model 21362 will store and operate w/ a maximum of 40' #2 Str., 1/0 Str. and 2/0 Str. grounding cable only. Retractable Reel Model 21366 will store and operate w/ a maximum of 65' 1/0 Str., 60' 2/0 Str. and 50' 4/0 Str. To order Reel Model 21366 w/ cable and clamp factory installed, specify

CM-1360 Clamp-on Meter

Measures AC amperage, AC/DC voltage, frequency and resistance. Features easy to read backlit display, peak and data hold to capture measurement, and true RMS for the most accurate measurement when harmonics are present. Includes one 9 volt battery, test leads and carrying case.

SPECIFICATIONS			
Voltage Measurement: AC V: 400.0, 1000V	Frequency: 0.400kHz	Display: 4000-count LCD display	Jaw Opening: 2.0"
Measurement Category: Cat IV, 600V per IEC 61010-1; Cat III, 750V AC/1000V DC per UL 3111-1		Resistance: 0-400.0Ω	
Number	UPC Number	Description	
CM-1360	07733	True RMS Clamp Meter	



CM-1360

CM-660 Clamp-on Meter

Features both AC amperage and voltage measurement, resistance measurement up to 2000Ω, and auto power off for longer battery life.

SPECIFICATIONS			
Voltage Measurement: 600V AC	Amperage Measurement: 600A AC	Jaw Opening: 1.38"	
Measurement Category: Cat III, 600V per UL 3111-1		Display: 3-1/2-digit LCD, 2000-count	Resistance: 2000Ω
Number	UPC Number	Description	
CM-660	07593	AC Clamp-on Meter	



CM-660

Test Lead Kit

Contains one 48" long insulated test lead (TTL-2), and two modular test probes.

SPECIFICATIONS			
Measurement Category: Probes, Cat III, 1000V per UL 3111-1; Cat IV, 600V per IEC 61010; Leads, Cat III, 1000V per UL 3111-1;			
Cat IV, 1000V per IEC 61010		Maximum Current: 10 amps	
Number	UPC Number	Description	
TSG-3	07522	Test Lead kit	



TSG-3

CHANCE

Phasing Tester

Phase Tester determines phase relationship and appropriate voltage, line-to-line or line-to-ground.

Number	Description	Ship Wt.
H1876	16Kv Tester Kit	28.0 lbs
T403-2261	25Kv Tester Kit	28.0 lbs

Auto-Ranging Voltage Indicator

Provides easy, yet reliable means to determine if line is de-energized, carrying less than normal voltage or energized to full system voltage.

Number	Description	Ship Wt.
C403-3374	600v to 69Kv	5.5 lbs
C403-3375	600v to 500Kv	5.5 lbs

BIERER

Phasing Testers and Voltage Detectors

Number	Description
VDA040P	Analog Voltage Detector 40kV
PD800W	Phasing Digital Wireless

SENSORLINK

AMPSTIK® Ammeters

The Ampstik® measures the amperage of a line conductor that is placed between its forks. The key features are sample and hold, rejection of external currents and high voltage operation with a $\pm 1\%$ accuracy. The Ampstik® will store up to four current readings, ending the need to raise and lower a hotstick to collect each reading.

Number	Description	Max. Current	Product (Available in 60Hz or 50Hz)	
			Rated Voltage	Sensor Opening
8-020XT	True RMS Ammeter	5000A	500kV	2.5"
8-020XTPlus	True RMS Ammeter Stores 4 reading	5000A	500kV	2.5"
8-022	Wide Jaw True RMS Ammeter	2000A	69kV	3.86"
8-022Plus	Wide Jaw True RMS Ammeter Stores 4 reading	2000A	69kV	3.86"
8-023	Wide Jaw True RMS Ammeter	5000A	69kV	3.86"
8-024	Wide Jaw High Voltage Ammeter	2000A	400kV	3.86"
8-024Plus	Wide Jaw High Voltage Ammeter Stores 4 reading	2000A	400kV	3.86"

Metering

H1876



C403-3374



VDA040P



PD800W

Metering

8-020XTPlus



KNOPP

Metering

Phase Sequence Indicators

Designed for phasing-in electrical lines which supply power to electrical motors, to ensure that they are rotating in the correct direction. Used when reestablishing the correct rotation on a motor after the service has been interrupted. It has flexible cables that can withstand rough handling, and each clip is marked A-B-C and color-coded Red-White-Blue.

Number	Model	Type	Voltage	Ship Wt.
44030/50	K-3	3-phase, 3-wire w/ carrying case for meter	60-600kV	21 oz



JAMESON

Duct Rodder & Accessories



	Rod Diameter	Rod Core	Lengths Available	Tensil/Pull Strength	Bend Radius	Rec. Conduit	Usage
Easy Buddy®	1/4"	.197"	300' - 400'	400 lbs	4"	1" to 2"	Rodding conduit in buildings
Good Buddy®	3/8"	.250"	300' - 400'	1,000 lbs	7"	2" to 4"	Confined areas
Good Buddy® II	3/8"	.250"	400' - 600'	1,000 lbs	7"	2" to 4"	Longer runs
Good Buddy® III	3/8"	.250"	300' - 400'	1,000 lbs	7"	2" to 4"	Maximum portability
Big Buddy®	1/2"	.375"	400' - 1,000'	1,400 lbs	10"	4" +	Long run cable pulls

Duct Rodders and Cage

The COBRA is designed for heavy duty applications to ensure greater rigidity and strength for long duct runs with multiple bends and sweeps. The other coating is a polymer blend that resists abrasions and wear. Includes one male and female end fitting and a tapered head. The cage is matched to the size of rodder you order. It comes with a hand brake and can be operated on its side or upright.



08083820

Duct Rod Specifications

Diameter	Pull Strength	Core O.D.	Coating O.D.	Min. Bending Radius
5/16"	950 lbs	.237"	.312"	7"
7/16"	950 lbs	.300"	.437"	11"

Footage marks are available at additional cost.

7/16" Cobra Rod, 3/8"-16 End Fitting, 45" Cage

5/16" Cobra Rod, 3/8"-16 End Fitting, 30" Cage

Part Number	Length	Replacement Rod Number	Part Number	Length	Replacement Rod Number
08083825	250'	08086325	08083725	250'	08079125
08083850	500'	08086350	08083750	500'	08079150
08083875	750'	08086375	08083775	750'	08079175
08083810	1000'	08086310	08083710	1000'	08079110
08083815	1500'	08086315			

Cable Feeding Sheaves

Plugs into conduit in manhole wall, guiding cable safely into the conduit regardless of the pulling angle.

Number	Size	A	I.D.	O.D.	Load Capacity
08617220	2"	1.38"	1.75"	1.95"	2,600 lbs
08617230	3"	2.25"	2.62"	2.95"	4,800 lbs
08617200	4"	3.00"	3.50"	3.95"	6,500 lbs
08617260	6"	4.50"	5.37"	5.90"	6,500 lbs

Replacement Sheaves available.

08617220



DUCT RODDER ACCESSORIES

MINI-HARNES

NUMBER	08033435	08033435
ROD DIA.	5/16"	7/16"
USC THREAD	3/8"-16	3/8"-16

ROLLER GUIDE

NUMBER	08037401	08037401
ROD DIA.	5/16"	7/16"
USC THREAD	3/8"-16	3/8"-16

FLEXIBLE LEADER

NUMBER	08037538	08037538
ROD DIA.	5/16"	7/16"
USC THREAD	3/8"-16	3/8"-16

SHACKLE FTG.

NUMBER	08031101	08031101
ROD DIA.	5/16"	7/16"
USC THREAD	3/8"-16	3/8"-16

TAPERED HEAD

NUMBER	0838400	0838400
ROD DIA.	5/16"	7/16"
USC THREAD	3/8"-16	3/8"-16

THREADED END FTG.

NUMBER	08036306	08036304
ROD DIA.	5/16"	7/16"
USC THREAD	3/8"-16	3/8"-16

SWIVEL COUPLING

NUMBER	08036800	08036800
ROD DIA.	5/16"	7/16"
USC THREAD	3/8"-16	3/8"-16

THREADED END FTG. MALE

NUMBER	08036307	08036303
ROD DIA.	5/16"	7/16"
USC THREAD	3/8"-16	3/8"-16

Splice Kit

Use to repair the duct rod if it breaks towards the middle of the duct rod. Kit includes Splice Tube, Epoxy and installation instructions.

Description	Number	
	5/16 Rod Dia.	7/16 Rod Dia.
Splice Kit	08035753	08035751
Splice Tube Only	08035703	08035701

Epoxy

Use with End Fittings or Splice Tubes to repair Duct Rodders.

Number	Description
08035851	Single pack for replacing end fittings
08035852	Double pack for splice tubes



08035753

630011HD (2-1/2" HEX)
 630012HD (2-5/8" HEX)
 630013 (2" HEX)
 630016 (2-1/4" SQ.)
 630017 (2-1/2" SQ.)

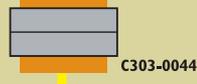
◀ KELLY BAR ADAPTERS ▶

C303-0936 (2-1/2" HEX)
 C303-0937 (2-5/8" HEX)
 C303-0940 (3" HEX)
 C303-0955 (2-1/2" SQ.)
 C303-0958 (3" SQ.)

BOLT CIRCLE ADAPTER

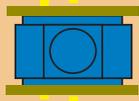
T303-0166

SHEAR PIN TORQUE INDICATOR



C303-0044

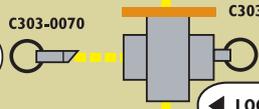
DIAL TORQUE INDICATOR



C303-1340

C303-0070

REPLACEMENT DOGS



C303-0069HD

C303-1026

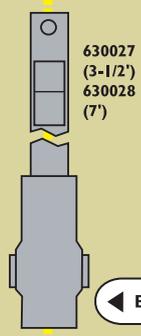


C303-0981

◀ LOCKING DOG ASSEMBLIES ▶



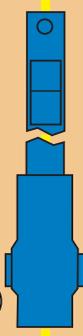
C303-0020
(RR/SS5/SS150)



630027
(3-1/2')
 630028
(7')

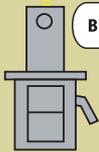


C303-1035
RR/SS5/SS150
T303-1403
(SS175)
C305-1077
(SS200)



C303-0987
(3-1/2')
 C303-0988
(7')

◀ EXTENSION WRENCHES ▶



BUMPER POST

C303-0739

C102-1595
(3-1/2')
 C102-1583
(7')

STD STR
 MID STR
 8K TOUGH ONE
 (SML HUB)
 10K TOUGH ONE

◀ DRIVE END WRENCHES ▶

HYBRID DRIVE END WRENCH



C303-1063
(3-1/2')
 C303-1064
(7')

PISA 6
 PISA 7
 8K TOUGH ONE
 (LRG HUB)
 15K TOUGH ONE
 (10K LIMIT)



C303-0982 (3-1/2')
 C303-0983 (7')

PISA 6
 PISA 7
 8K TOUGH ONE
 (LRG HUB)
 15K TOUGH ONE

TOOLING

TOUGH ONE TOOLING

STANDARD TOOLING

DRIVE STRING

MOUNTING FACES

1/2" BOLTS / 5-1/4" BOLT CIRCLE

5/8" BOLTS / 7-5/8" BOLT CIRCLE

BOTH BOLT CIRCLES

Power-Installed Screw Anchor Tooling System (10,000 ft.-lb.)

This system allows you to install an anchor without having to dig a hole and the backfill it. It saves time and money with this quick and easy installing system. A complete system consists of: Kelly bar adapter, torque indicator, locking dog assembly and drive-end assembly.

Standard Kelly Bar Adapter w/ Bent Arm Pin (5-1/4" Bolt Circle)

Number	Kelly Bar Shape	Dimensions					Ship Wt.
		A	B	C	D	E	
630017	Sq.	2-1/2"	1-1/4"	3-1/2"	2-1/4"	3-1/2"	10.0 lbs
630016	Sq.	2-1/2"	1-1/4"	3-1/2"	2-1/4"	3-1/2"	10.0 lbs
630013	Hex	2"	1-1/8"	6-1/8"	5"	6-1/8"	10.0 lbs
630012HD	Hex	2-5/8"	3-7/8"	8-1/8"	4-1/4"	8-1/8"	12.0 lbs
630011HD	Hex	2-1/2"	3-7/8"	8-1/8"	4-1/4"	8-1/8"	12.0 lbs

STANDARD Locking Dog Assembly

Number	Description	Ship Wt.
C303-0069HD	Complete STANDARD Locking Dog Assembly	20.0 lbs
C303-0070	Locking Dog Replacement Kit includes parts necessary to replace both locking dogs	4.0 lbs

7 ft. Drive-End Wrench

Number	Description	Ship Wt.
C102-1583	STANDARD Drive-End Wrench installs: 8,000 ft.-lb. (small hub) TOUGH ONE® anchors, 10,000 ft.-lb. (small hub) TOUGH ONE® anchors, 4,000 ft.-lb. Standard-Strength PISA anchors, 6,000 ft.-lb. Mid-Strength PISA anchors,	57.0 lbs
C303-1064	HYBRID Drive-End Wrench installs: 8,000 ft.-lb. (large hub) TOUGH ONE® anchors, 6,000 ft.-lb. PISA 6 anchors, 7,000 ft.-lb. PISA 6 anchors,	64.0 lbs

630012HD



C303-0069HD



C102-1583



CHANCE

Anchor Tools

Expanding and Tamping Bar

This tool comes with a fiberglass handle, curved tamper and expander head for tamping and spreading the anchor plate. The curved head wraps around the anchor to prevent it from slipping off the anchor plate.

Number	Description	Ship Wt.
C302-0003	10' Expanding and Tamping Bar	22.0 lbs
C302-0004	12' Expanding and Tamping Bar	24.0 lbs

C302-0003



RELIABLE

Ground Rod Pulling Eye

Standard Pulling Eye

This inexpensive tool provides an offset eye to accommodate a 3-ton chain hoist hook and leaves the anchor eye clear with plenty of clearance for installing performs. It will work on rods up to 1-1/4" dia.

Number	Description	Ship Wt.
REL-PE	Pulling eye	5.0 lbs

REL-PE



Reflective Cones

Constructed of flexible, UV stabilized vinyl plastic, these collars meet all MUTCD requirements for nighttime visibility in two-collar configuration, and are available in 6" upper and 4" lower sizes with #M Scotchlite reflective materials.

Number	Description
RS70032CT3M64	28" Reflexite collars
RS900453M64	36" Reflective collars

RS70032CT3M64



Reflective Signs

OTHER SIGNS AVAILABLE UPON REQUEST

Number	Description
RE4848UWAOC	48" Utility Work Ahead
RE4848BPTSOC	48" Be Prepared To Stop
RE4848FA2OC	48" Flagger Ahead
RE4848RLCAOC	48" Right Lane Closed Ahead
RE00823LEFTOC	"Left" overlay
SIG-BAG-48	48" sign case
RUS-RIB-48-48	48" ribs and flags

RE4848UWAOC



RE4848BPTSOC

RE00823LEFTOC

Spring Load Stand

This spring-loaded sign stand holds virtually any fiberglass rib sign panel without adaptation or retrofitting.

Number	Description
SZ-412-S	Stand, Sign, Springload, 4 legs with bracket



SZ-412-S

HASTINGS

Barricades & Traffic Safety Products

Barricade System

This is a high visibility system that features sliding-telescoping barrier bar. It weighs only 1-1/4 lbs and will extend from 51" to 85". It will fit over any PVC traffic cone.

Number	Description	Ship Wt.
6850	Telescoping Barricade Bar, 51"-85"	1-1/4 lbs



6850

CHANCE

Barricade & Traffic Safety Products (cont.)

Truck Safety Barricade

This kit keeps workers and onlookers away when the truck is being used in proximity of energized conductors. The kit includes 6 pieces of 3" long steel tubing (to be welded to truck by customer) to hold barricade rods. The rods are 6' in length and are used to hold 150' of rope to provide air space around the perimeter of the truck. Also comes with a canvas bag for storage.

Number	Description	Ship Wt.
T306-0006	Truck Safety Barricade	21.0 lbs



T306-0006

CHANCE

Grounding Grid

Equi-Mat Personal Protective Ground Grid

Provides an easy way to help establish an equipotential zone for line workers to stand on during various energized and de-energized work practices. It consists of a High-Ampacity tinned-copper-braid cable sewn in a grid pattern onto a vinyl/polyester fabric. Easy to join together for large areas with the connecting tabs and hardware furnished with each mat. Instructions included. Kit includes: Mat, Long Ball Stud (T600-2364), Ground Set (T600-2841), and Storage Bag (C417-0147).

Number	Mat Size	Ship Wt.
C600-2990	58' x 120"	17.0 lbs



C600-2990

STREAMLIGHT

E-Spot® LiteBox®

MULTI C4® LED LANTERN, An industrial-duty, rechargeable, portable lantern featuring C4® LED technology for high brightness, long runtime and reliability. Includes 120 Volt AC, 12 Volt DC chargers, shoulder strap and mounting rack.

Number	Description	Ship Wt.
45871	E-Spot® Litebox®, standard yellow	7.4 lbs
45851	E-Spot® Litebox®, standard orange	7.4 lbs

Septor® Headlamp

For those that often perform tasks at an arm's length or "up close" work where seeing details is important, a soft flood light may be more appropriate than extreme brightness or reach.

Number	Description	Ship Wt.
61052	LED Septor® Headlamp Powered by 3 AAA Batteries (Included)	5.5 oz

Lights



GOLIGHT

Portable Truck Light (Magnetic Mount)

This light is constructed of the highest quality UV materials. It withstands nearly all types of weather conditions and is capable of a combined 370 degree rotation with a 120 degree tilt. It features a remote control that is programmable for each unit and will work from 150' away. It will cut through severe weather conditions with its 400,000 actual candle power light. Comes with remote, suction cup and magnetic shoe, 15' cord with cigarette plug for 12VDC and a nylon carry case.

Number	Description	Ship Wt.
7901	Truck Light White	7" x 7" x 8"
7951	Truck Light Black	7" x 7" x 8"

Permanent Truck Light with Remote

LED Technology, Remote controlled operation 370o Rotation and 135o Tilt, UV Ray and Salt Water Resistant.

Number	Description/Color
20004	Wireless hand-held remote/White
20514	Wireless hand-held remote/Black
20204	Wired Dash Mount Remote/ White
20674	Wireless & Dash Remote/ White
20494	Wireless & Dash Remote/ Black
79014	LED, Portable Radio Ray w/ Magnetic Shoe - White
79514	LED, Portable Radio Ray w/ Magnetic Shoe - Black

Lights



Series 90 Capstan Hoist

These hoists are lightweight and powerful. Available in 1000 lbs rating, with 12v, 115v or 230v hydraulic, electric or gasoline motor.

ELECTRIC DRIVE		
Number	Description	Ship Wt.
C308-1172	12-Volt DC Power Hoist w/ 25' #2 CU Cable, 4 Terminals, Relay, Foot Switch	56.5 lbs
C308-1170	115-Volt DC Power Hoist w/ Power Hoist and Foot Control Switch only	49.0 lbs
C308-1171	230-Volt DC Power Hoist w/ Power Hoist and Foot Control Switch only	49.5 lbs
HYDRAULIC DRIVE		
Number	Description	Ship Wt.
C308-1180	Includes Power Hoist only	28.5 lbs
GASOLINE DRIVE		
Number	Description	Ship Wt.
C308-1190	Includes Power Hoist and Throttle Control only	46.0 lbs

Capstan Accessories

Number	Description	Ship Wt.
C308-1335	All-Purpose Bracket includes 2 Chain Clamps for poles, angles and beams	26.5 lbs
T308-0999	Hitch Mount for Capstan Hoist	21.0 lbs
C308-0903	Swivel Bracket	18.0 lbs
C308-0890	C- Bracket w/ Mounting Bolts	5.0 lbs

RECOMMENDED ROPE FOR CAPSTAN HOISTS:
Poly-Dacron or Composite Fiber Braided

RECOMMENDED HOISTS FOR TRUCK MOUNTING:
12v, 115v and Hydraulic 1000 lb-rated

C308-1170



C308-1180

C308-1190



C308-1335



C308-0903



T308-0999



C308-0890

MADI

Flat Round Lineman's Wire Brush

Durable, lightweight & convenient to carry on climbing belts. Non-Conductive and brushes are not exposed. Built-in snap ring. Wire brushes are easily replaceable.

Number	Description
DBWB-1	DogBone Wire Brush
FRWB-1	FlatRound Wire Brush
LWB-1	Large Wire Brush Replacement

MADI Product Range

Number	Description
DV-1	Deviner - Ultimate Vine Removal Tool
DH-1	Double Header Universal Attachment
SS-2	Slot Socket Plus
SS-3	Slot Socket Flip
TP-1	Tri-Penta Wrench
PSD-1	Penta Socket Driver w/ Drill Adapter
BWS-3	Tri-Square Big Wrench (3/4" x 1" x 1-1/8")
BB-2	BrushBlade Lineman's Knife
BB-2S	BrushBlade Lineman's Knife - Safety Blade
WB-1	Wire Brush Replacement (for all BrushBlades & MFRWB-1)
FBSK-1	Fixed Blade Skinning Knife - Pointed Blade
FBSK-2S	Fixed Blade Skinning Knife - Safety Blade
FBSK-3B	Fixed Blade Skinning Knife - Blunted Blade
USSK-1	Universal - Shotgun Skinning Knife
SALK-1	Spring Assisted Lineman Knife
PTOLK-1P	MADI ONE FLIP Lineman Knife - Pointed
PTOLK-2S	MADI ONE FLIP Lineman Knife - Safety Blade
PTOLK-3B	MADI ONE FLIP Lineman Knife - Blunted
PTOLK-5	MADI ONE FLIP Straight Knife - Pointed
PK-2	Multi-Purpose Pocket Knife
HL4AA	MADI LED FR Head Light Works W/ & W/O Flash Shields
PMLL-1	Pad Mount Transformer Lid Lifter
FP-1	10" Lineman Fuse Plier w/ Door Storage
SBH-3	3 Inch Safety Bucket Hook
SBH-2	2 Inch Safety Bucket Hook
PC-1	Pole Cradle and Outrigger Pad
GL-01L	A4 Cut Level Goatskin Leather Glove - Large
GL-01XL	A4 Cut Level Goatskin Leather Glove - XL
MFRWB-1	Mini FlatRound Wire Brush
WB-1	Wire Brush Replacement (for all BrushBlades & MFRWB-1)
DBWB-1	DogBone Wire Brush
FRWB-1	FlatRound Wire Brush
DFWB-1	Double Flat Wire Brush
LWB-1	Wire Brush Replacement (for DBWB-1 & FRWB-1)
SJWB-1	Swivel J Wire Brush (shot gun/universal attachment)
HJWB-1	Hand J Wire Brush (shot gun/universal attachment)
J1590	J 1590 MCM Wire Brush Replacement
CMLH-1	Claw Milled Lineman Hammer
MLH-1	Milled Lineman Hammer
SLH-1	Smooth Lineman Hammer
BSSR-1	T-Bell Separator with Staple Remover
SR-1	Staple Remover
MT-20	20 oz. MADI Tumbler

Lineman's Wire Brush



Digging Equipment

Hisco produces only professional grade tools. All shovels have fiberglass handles with blade and heads made of only the finest metals.

Number	Description	Size
HIST5-4	Trench Shovel, 5" X 11" Blade w/ 47" Handle	5.0 lbs
HIRP-14D	HD Round Pt., 8-1/2"x 11-1/2" w/27" D-Handle	4.25 lbs
HIRP-14L	HD Round Pt., 8-1/2"x 11-1/2" w/47" Long Handle	4.75 lbs
HISS-14D	Drain Spade/Sharp Shooter 5-3/4"x14" w/28" Handle	4.25 lbs
HISS-14L	Drain spade/Sharp shooter 5-3/4"x14" w/47" Long Handle	4.75 lbs
HICT-8	8' handle w/curved steel tamping head 7"x3"x2"	13.5 lbs
HIRT-8	8' handle w/rectangular steel tamping head 4"x2"x3"	12.0 lbs
HITS-8	8' handle w/Straight Pattern Tele. Shovel 3 Star 9-1/4"x11-7/8"	9.5 lbs
HITSWP-8	8' handle w/ Western Pattern Tele. Spoon 3 Star 8-3/4"x9-5/8"	9.5 lbs
HIUP-48	1/2"x48" Fiberglass shaft w/3/4" tip and 8-1/4" T-Handle	1.5 lbs
HIBD-8	8 Pound Double-Faced Sledge Hammer w/ 36" Handle	8.0 lbs

Fiberglass replacement handles are available.



Digging Equipment

These tools are design to fit the needs of the construction crews. They are manufactured with raw hardwood, high grade steel, hand forged, heat treated and hand assembled. They have earned a reputation among workers of uncompromising quality.

Number	Description	Size
1062	Digging Bar ; Crow and Digging	1" x 8'
1072	Digging Bar ; Tamp and Digging	1" x 8'
* 1055	Tamp Bar	8' Heavy
* 2051-12	Post-Hole Digger; Solid Handle	12'
* 2036	Straight Shovel ; Ash Handle	12'
* 2027	Western Spoon ; Ash Handle	12'
* 199	Cant Hook	2-1/2" x 4'

* Additional lengths available on request

1062

1072



2051-12

2036

2027

1055

199



Flat D-Rung Extension Ladder

These ladders come with Hi-strength Nylon coated guides, slip resistant D-rungs, gravity spring locks, durable rail shield and shoe brackets, mar resistant end caps single pulley system. They can be separated easily and be used as single ladders. Load Capacity is 300 lbs. Rated Type 1A.

Number	Total Length Sections	Max. Working Length	Approx. Cu. Ft. Per Unit	Approx. Shipping Wt.
D7116-2	16'	13'	7.9	42.5 lbs
D7120-2	20'	17'	9.8	51.5 lbs
D7124-2	24'	21'	11.6	60.0 lbs

Manhole Ladder

This ladder comes with Mar-resistant vinyl coated aluminum hoop end cap, 3 foot replaceable plastic sleeve to prevent damage to ladder from manhole ring, slip resistant Traction-Tred round rung and combination rail shield & shoe protects bottom of rail from damage.

Number	Total Length Sections	Approx. Cu. Ft. Per Unit	Approx. Shipping Wt.
M7110-1	10'	3.7'	23.0 lbs

Additional lengths available on request



D-7116-2



Stepladder

This ladder has a heavy gauge Tool-Tra-Top with heavy duty internal spreaders, full set of extra strength rear horizontal bars, back-up plates reinforced at all top corners, slip resistant Traction-Tred on extra wide steps, non conductive rail shields with bottom ends to resist damage. Load capacity is 375 lbs. rated Type 1AA.

Number	Size	Width	Spread	Approx. Cu. Ft Per Unit	Approx. Ship Wt
7406	6'	25"	42-7/8"	5.8	28.0 lbs
7403	3'	19-3/4"	24-3/8"	2.5	13.5 lbs
7408	8'	28-1/2"	55-1/4"	8.5	32.0 lbs
7410	10'	32"	67-1/2"	11.4	40.0 lbs

Other sizes available on request.



7406

Combination Step/Extension Ladder

This ladder comes with mar-resistant end caps with padded V-Ring, slip resistant Traction-Tred round rungs, heavy gauge steel bracket engages steel pin to lock section in step ladder position, fixed aluminum locks w/bearing plates to distribute load and extra large feet with ribbed rubber pads. It also features the Alfo rung joint which means twist-proof performance. Load Capacity 375 lbs. Rated Type 1AA.

Number	Step Ladder Size	Width at Flared Base (Outside Rails)	Spread to Outside of Shoes	Ladder in Closed Position	Ladder Working Length	Approx. Cu. Ft. Per Unit	Approx. Ship Wt.
7808	8'	25-1/4"	60-1/2"	96-3/4"	13-1/2'	12.1	39.0 lbs

DIMENSIONS	Rail Width	Flange Width	Overlap	Width (outside rails)	Depth (closed)
Parallel Section	3-1/8"	1-3/16"	3'	14-1/2"	-
Flared Section	3-1/8"	1-3/16"	-	14-1/2"	7-7/8"

Ladder accessories available on request.



7808

RAINBOW

Cleaners & Degreasers

Cleaner & Degreaser
Highly concentrated citrus formula, ideal for general purpose cleaning.

Number	Unit Size	Ordering UOM	Units/ Cases	Case Weight	Case Size
4305	20 oz	Case	12	16 lbs	11" x 8.5" x 10.5"

PowerSolv®
Removes contamination and anti-oxidation compounds from semi-conducting jackets and insulation on electrical cable before termination.

Number	Unit Size	Ordering UOM	Units/ Cases	Case Weight	Case Size
4214	Quart	Case	12	23 lbs	14" x 10.75" x 10.5"



4305



4214

TWISTARP

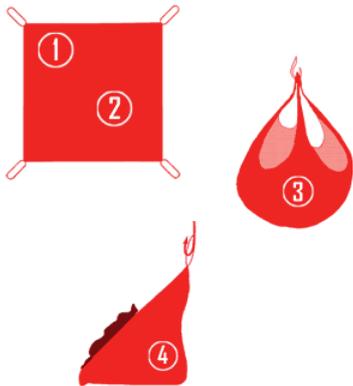
Lifting Slings

TWISTARP® Lifting Sling
Certified load rated lifting sling.

Size	Description
6' x 6'	4000 lb Lift Capacity, .2 cu. meters of dirt or gravel for poles to 35' and hand dig URD jobs
7' x 7'	4000 lb Lift Capacity, .3 cu. meters of dirt or gravel for poles to 55' and hand dig URD jobs
8' x 8'	5000 lb Lift Capacity, .4 cu. meters of dirt or gravel for all poles and hand dig URD jobs
10' x 10'	5000 lb Lift Capacity, .4 cu. meters of dirt or gravel for all poles and hand dig URD jobs



- 1. Keeps Dirt Off Lawns and Landscaping**
- 2. End Shoveling Eases Clean-Up.**
- 3. Soil Can Easily Be Moved by a Boom**
- 4. Unloading is Simple & Easy**
- 5. Auger Dirt May Be Shaken onto Twistarp®**



ROBOREELS

Aircraft

Guy Wire RoboReel™

Number	Description
5276	4 Adjustable Arms Holds guy wire with 1/2" diameters Accepts coil - outside dia. 22" - 31" Holds coils up to 4.75" wide Dimensions: 33 3/4" H x 9 1/4" D x 32 1/4" W Weight: 41 lbs Wire can be pulled from either direction

Large Dia. Guy Wire RoboReel™

Number	Description
5415	4 Adjustable Arms Holds guy wire with 1/2" diameters Accepts coil - outside dia. 32" - 36" Holds coils up to 8 3/4" wide Dimensions: 36" H x 9 1/4" D x 34" W Weight: 54 lbs

RoboReel™ Hitch Mount Accessory

Number	Description
5479	Fits 2" receiver hitch Swivel mount allows pulling from any direction

AIRCRAFT  DYNAMICS



5276



5479

ROBOREELS

RoboReel™ Quick Change Base Plate

Number	Description
5074	Great space organizer Ideal accessory for those who want a quick means to remove or remove your RoboReel™



5074

Horizontal Mount Triplex RoboReel™

Number	Description
5456	4 Adjustable Arms Holds coils with up to 8 3/4" diameters Accepts coil - outside dia. 27" - 32" - inside dia. 16" - 21" Dimensions: 14" H x 34" D x 34" W Weight: 37 lbs



5456

Triplex RoboReel™

Number	Description
5478	8 Adjustable Arms Holds coils with up to 10 1/4" diameters Accepts coil - outside dia. 26" - 32" - inside dia. 14" - 20" Dimensions: 34 1/2" H x 14" D x 33 1/2" W Weight: 58 lbs



5478

JUMPERS, GROUNDING & TOOL REPAIR & SERVICE CENTER

Techline Tools offers a full line of lineman tools and electrical ground set builds. We have an in-house repair shop that repairs hydraulic tools along with a majority of the tools that we sell.

HYDRAULIC TOOLS

- Impact Wrenches
- Tampers
- Compression Tools
- Chain Saws
- Pole Saws
- Cutters

TESTING

- Rubber Gloves
- Rubber Blankets
- Hot Sticks
- Ground Sets

ELECTRICAL

- Voltage Detectors
- Loadbusters
- Voltage Meters

ALSO OFFERING

- **Hot Stick Cleaning**
- Hot Stick Refinishing & Testing
- Ground Sets - Made To Order
- Jumper Sets - Made To Order
- Extension Arm Refinishing & Testing

MECHANICAL TOOLS

- Hot Sticks
- Strap Hoists
- Chain Hoists
- Capstan Hoists
- Extension Arms
- Ratchet Cutters

MANUFACTURERS

- Anderson
- Chance
- Fairmont
- Lug-All
- Tanaka
- HK Porter
- Greenlee
- Huskie
- Hastings
- Little Mule
- Coffing
- S&C
- Burndy
- Klein

Let Techline Build a Custom Set of Grounds For You.

HIGHLIGHTS OF SERVICE

- 90 Day Warranty On All Repairs*
- 7 Day Written Estimate For Customer Approval
- Scheduled Rubber and Fiberglass Testing Program Available

Authorized Warranty Center for the following:

- Greenlee
- Fairmont
- Anderson
- Chance
- Little Mule
- Klein

* Warranty determined by Techline Tools. Covers any parts and repairs performed during initial repair of tool. Customer must provide proof of repair and repair date.



Toll Free (800) 747-3747 • (210) 359-8324 in San Antonio • Fax (210) 359-8369

Tool Repair Form

Fax or mail this information sheet when you have shipped your tool.
Please include a copy of this form with the tool you are shipping.

Billing Address:

Shipping Address:

Phone Number: _____

Fax Number: _____

Contact Person: _____

PO #: _____

Is an estimate required? Yes No

If you checked Yes, we will call or fax an estimate to you. You **MUST** either verbally approve or sign and return the Cost of Repair form before repair work is completed.

Method of Payment:

- Charge existing account
 - VISA
 - MasterCard
 - Check/Money Order
- (Required before tool is returned)**

Model Number of Tool: _____ Serial Number: _____

Manufacturer: _____ Type of Tool: _____

Please list a brief description of the problem:

Send tool to: Techline Tools, Attn: Repair, 4314 Dividend Dr., San Antonio, TX 78219

If you have any questions or need further assistance, call or fax. Phone: (210) 359-8324 Fax: (210) 359-8369

4314 Dividend Dr. San Antonio, TX 78219 (210) 359-8324 Fax (210) 359-8369





Lineman Quality Tools, Testing, And Repair

www.TechlineTools.com

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