

CHANGE[®]

Cutters



Catalog 2150 March 2020

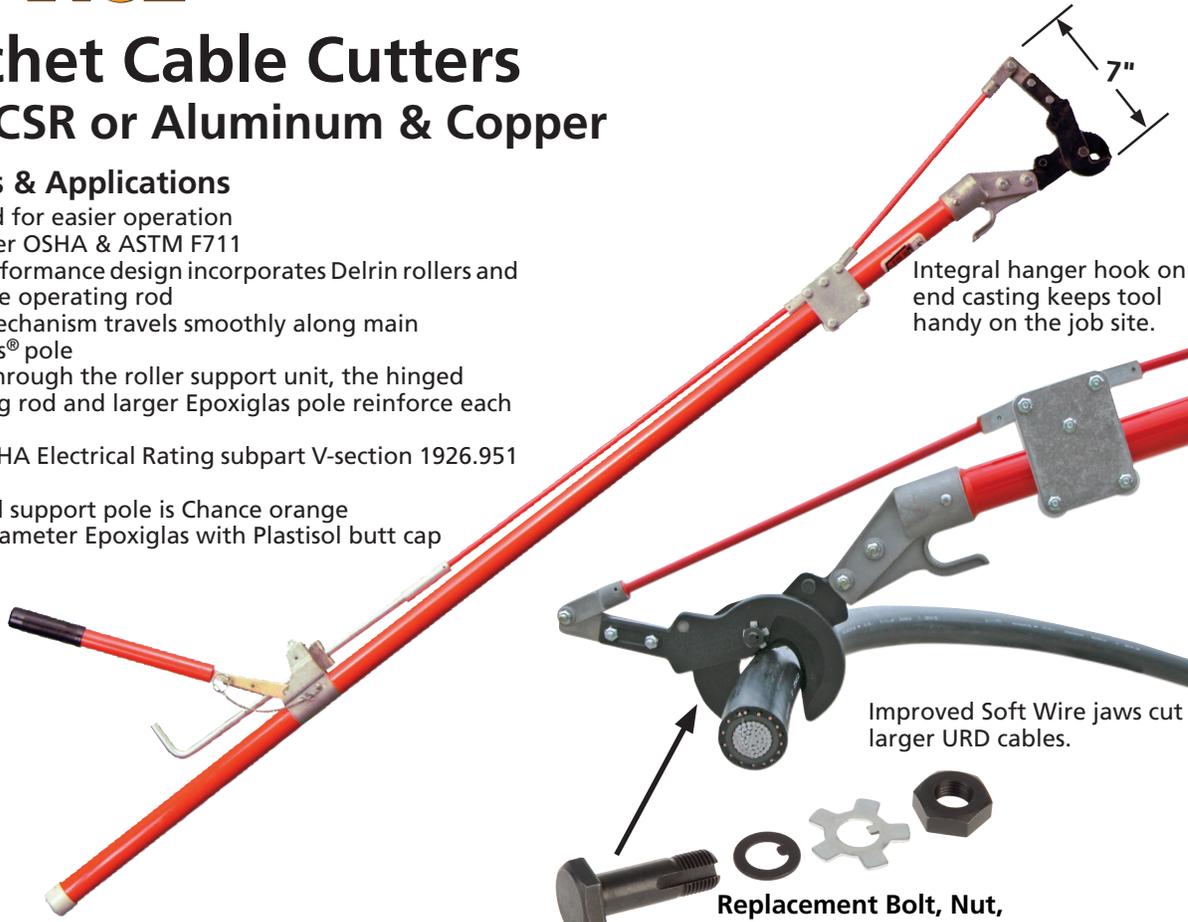
Cutters - 2150



Ratchet Cable Cutters for ACSR or Aluminum & Copper

Features & Applications

- Designed for easier operation
- Tested per OSHA & ASTM F711
- High-performance design incorporates Delrin rollers and two-piece operating rod
- Roller mechanism travels smoothly along main Epoxiglas® pole
- Linked through the roller support unit, the hinged operating rod and larger Epoxiglas pole reinforce each other
- Meet OSHA Electrical Rating subpart V-section 1926.951 (d)
- Insulated support pole is Chance orange 1-1/2"-diameter Epoxiglas with Plastisol butt cap



Integral hanger hook on end casting keeps tool handy on the job site.

Improved Soft Wire jaws cut larger URD cables.

Replacement Bolt, Nut, Keeper & Washer Kit:

**For A.A. and Cu. head PST4033720
For ACSR head PST4033708**

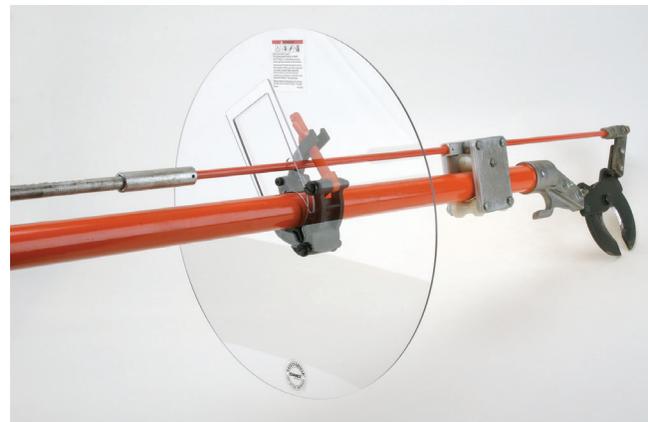
- Operating rod is 3/8"-diameter solid fiberglass rod
- Lever handle is 1"-diameter Epoxiglas with rubber cushion grip
- Four standard models offer practical 6-foot or 8-foot lengths with choice of cutter heads for soft wire or ACSR
- Shear-type steel blades cut without deforming cable
- Heads are interchangeable for field changeouts
- Soft-Wire Head cuts aluminum cable through 1000 kcmil bare (1.152") or jacketed URD (2.125") and copper through 556 kcmil (1")
- Spare cutters may be ordered separately below

Ratchet Cable Cutters

Catalog Number	Description		Weight
	Length	Head	
C4031381	6 ft.	1000 kcmil A.A. 500 kcmil Cu.	11 lb./4.95 kg.
C4031382	6 ft.	556 kcmil ACSR	11 lb./4.95 kg.
C4031383	8 ft.	1000 kcmil A.A. 500 kcmil Cu.	11½ lb./5.18 kg.
C4031384	8 ft.	556 kcmil ACSR	11½ lb./5.18 kg.

Cutter Heads Only

Catalog Number	Head Description	Weight
P4031387P	1000 kcmil A.A. 500 kcmil Cu.	2¼ lb./1 kg.
P4031388P	556 kcmil ACSR	2¼ lb./1 kg.



**Ordering Information
SAFETYSHIELD™ Hot Stick Barrier
for Ratchet Wire Cutters†**

Catalog No.	Diameter	Weight
PSC4170630	16" (406.4 mm)	1 lb. 6 oz. /0.62 kg.

For more details on SAFETYSHIELD™ Hot Stick Barrier to fit tools above, see page 2130.



CONDUCTOR CUTTERS



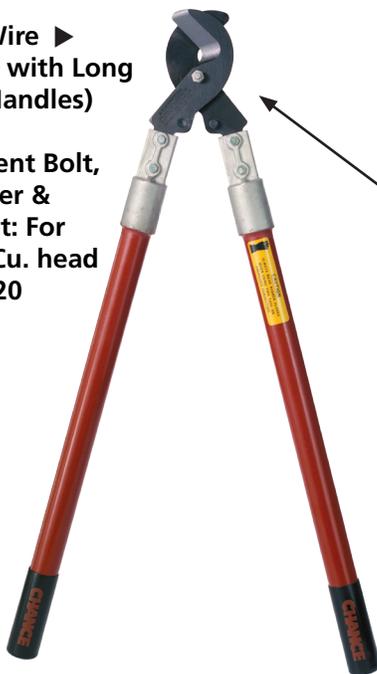
with Insulated Handles for ACSR or Aluminum & Copper

Features & Applications

- Three standard models
- Choice of insulated long or short handles on cutters for soft wire, and insulated long handles on cutters for ACSR
- Chance orange 1½" diameter Expoxiglas® handles have black rubber cushion grips
- Shear-type blades cut without deforming cable
- Heat-treated tool-steel cutter heads are same as Chance Ratchet Cable Cutters
- Order replacement or spare cutter heads as separate items, below
- Note: ACSR head is not for use with 15½" handles
- Soft-wire head must not be used to cut ACSR as it will damage the cutting edges
- Storage bags to fit short or long cutters should be ordered as separate items, below
- Storage bags are heavy-duty yellow vinyl-impregnated nylon cloth
- Cutters are designed for energized applications
- Users must wear rubber gloves and observe all applicable working clearances when cutting energized conductors

For Soft Wire ▶
(Available with Long or Short Handles)

Replacement Bolt, Nut, Keeper & Washer Kit: For A.A. and Cu. head PST4033720



Replacement Bolt, Nut, Keeper & Washer Kit: For ACSR head PST4033708

◀ For ACSR Wire (Available with Long Handles only)



Replacement Bolt, Nut, Keeper & Washer Kit: For A.A. and Cu. head PST4033720 For ACSR head PST4033708

Conductor Cutters with Insulated Handles

Catalog Number	Length		Maximum Size & Type Conductor	Weight	
	Handles	Overall		lb.	kg.
C4031421	15½"	21½"	600 MCM A.A./350 MCM Cu.	4½	2
C4031422	28½"	35"	1000 MCM A.A./500 MCM Cu.	5½	2.5
C4031423	28½"	33½"	336.4 MCM ACSR	5	2.2

Order Storage Bags and extra Cutter Heads as separate items, below.

Storage Bags Only

Catalog Number	Size	For Cutters, Catalog Numbers	Weight	
			lb.	kg.
C3060023	8" x 23"	C403-1421	½	0.2
C3060000	12" x 38"	C403-1422 or C403-1423	½	0.2

Cutter Heads Only

Catalog Number	Description	Weight	
		lb.	kg.
P4031387P	*1000 MCM A.A./500 MCM Cu.	2¼	1
P4031388P	†336.4 MCM ACSR	2¼	1

*Rating for P4031387 Head on 28½" Cutter handles. Used on 15½" Cutter handles, rating for P403-1387 Head is 600 MCM A.A./350 MCM Cu. **Do not use to cut ACSR.**

†Rating for P4031388 Head on 28½" Cutter handles. **P4031388 Head is not for use on 15½" Cutter handles to cut ACSR.**



Ratcheting Cable Cutters for ACSR or Aluminum & Copper

Features & Applications

- Compact size gets into close quarters
- Half the size and weight of standard ratchet cutters
- Two styles of compact cutters
- Ratings match wide range of overhead and underground conductors
- For use in confined workspaces such as manholes and handholes
- Open in less than half the space required for long-handled ratcheting cutters
- Small size saves on toolbox and warehouse storage



Operation

- Single control allows easy switching of direction
- Pushing thumb slide toward head allows handle to open wider for rapid opening or closing
- Not for use when cutting – this feature nearly doubles the speed of the “soft” cutters and makes the “hard” cutters open and close about three times faster than normal



Hard Style C4032980
for ACSR up to 556 max.
and Aluminum or Copper
up to 750 kcmil max.

Max. opening: 2" (5.08 cm)
Length: 18" (45.72 mm)
Weight: 4³/₈ lb. (2 kg.)



556 ACSR
(aluminum conductor,
steel reinforced)



750 kcmil URD cable



Soft Style C4032979
for only All-Aluminum or
Copper up to 1000 kcmil
maximum

Max. opening: 2³/₈" (6.03 cm)
Length: 19¹/₂" (49.53 mm)
Weight: 4¹/₄ lb. (1.9 kg.)



1000 kcmil URD cable

- Release the thumb slide for shorter, more powerful strokes while cutting conductor
- Easy operation, rugged construction
- Design of compact cutters is based on simple ratchet mechanism for long service life
- Simple controls and sure ratcheting action makes working with them easy
- C-type jaws are heat-treated for lasting strength and sharpness
- Stampings on the jaws indicate application limits
- Despite their small size, they are built to take punishing field conditions
- Reinforced-fiberglass handles are PVC-coated and protected by a vinyl sleeve
- Thick vinyl grips shield the handle ends and help worker keep a steady grasp
- Operating instructions are included with both cutter styles

⚠ WARNING
These cutters are not insulated hot line tools.

Ordering Information

Catalog No.	Description	Weight
C4032979	Soft Conductor Cutters	4 ¹ / ₄ lb. (1.9 kg.)
C4032980	Hard Conductor Cutters	4 ³ / ₈ lb. (2 kg.)

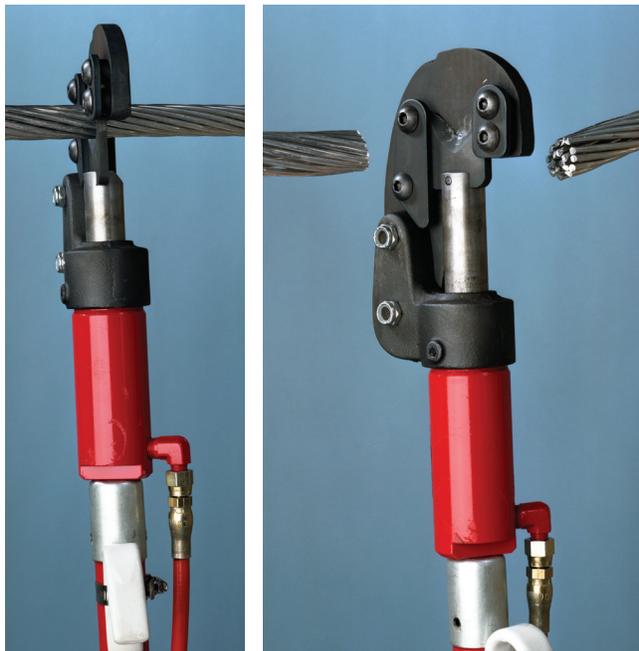


Insulated Hydraulic Cable Cutters

with guillotine-type jaw head
For #6 Solid Copper (0.162" diameter)
to 954 kcmil ACSR (1.16" diameter)

Features & Applications

- Tested per OSHA & ASTM F711
- Easy operation, powerful construction
- Single lineworker can easily cut large-gauge conductors with the power-assist of this tool's closed hydraulic system
- Operates like a hydraulic jack by simply pumping the handle
- Epoxiglas® pole, handle and hydraulic hose have been tested to 100kV per foot (ASTM F711)
- Hydraulic oil has dielectric strength of more than 25kV per ASTM D877
- Hose has minimum burst strength of 12,000 psi
- Pump provides 9,000 psi maximum pressure
- Maintenance and operating instructions are included with each tool

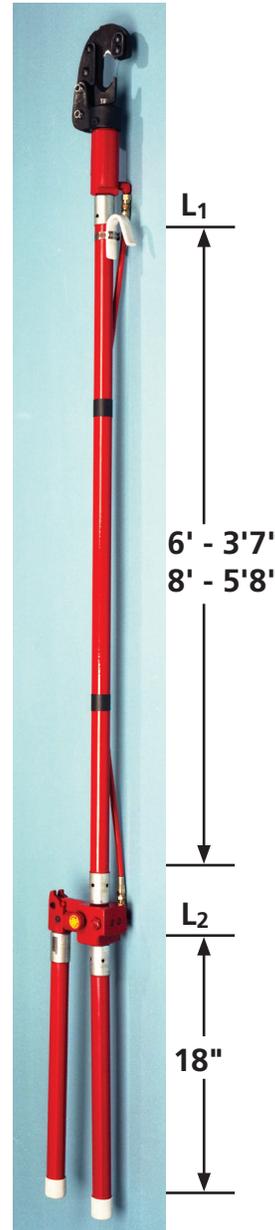


Hook-style jaw hangs on conductor to help position tool. Guillotine-type blades result in smooth, clean cuts.

Ordering Information

Catalog No.	Description	L ₁	L ₂	Weight
C4032861	6-ft. Hydraulic Cutters	3'7"	18"	18¼ lb. (8.2 kg.)
C4032862	8-ft. Hydraulic Cutters	5'8"	18"	19¼ lb. (8.7 kg.)

NOTE: Epoxiglas® pole diameter is 1¼"



L₁
6' - 3'7"
8' - 5'8"

L₂
18"

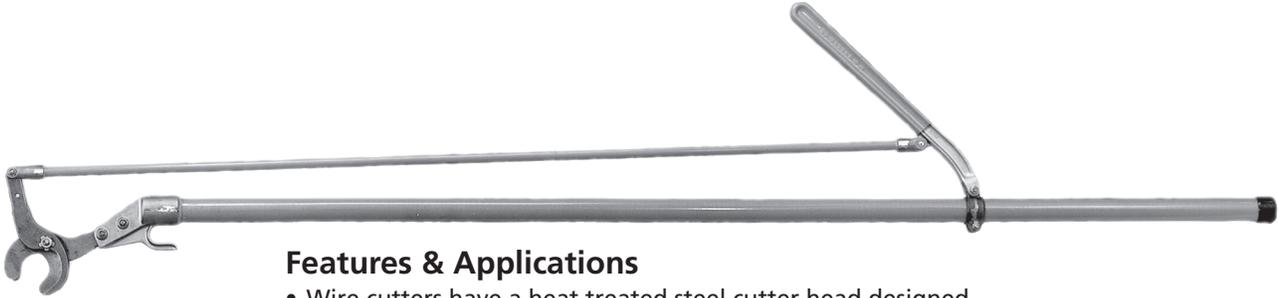


Hydraulic ram fully retracts in the Open position. For efficient cutting, upper and lower jaw edges are sharpened.



Single control knob selects direction. Notice: When storing tool, be sure to relieve hydraulic pressure by turning knob to the Open position.

ALUMINUM WIRE CUTTER



Features & Applications

- Wire cutters have a heat treated steel cutter head designed to cut all-aluminum conductors
- Aluminum head and Chance Epoxiglas® handles combine to make an insulated lightweight tool for easy handling
- A lineman's preference for cutting aluminum jumper cables, conductors or tie wires
- Do not use this tool to cut ACSR conductors

Catalog No.	Description	Pole Size Dia.	Conductor Ranges	Length	Weight
C4030689	All-Aluminum	1½"	1.033.5MCM	6'	8½ lb./3.8 kg.
C4030690	Wire Cutters	1½"	1.033.5MCM	8'	10 lb./4.5 kg.

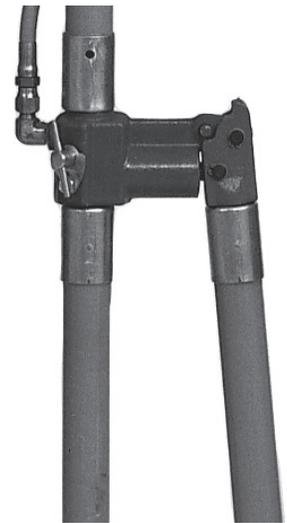
Tested per OSHA & ASTM F711

HYDRAULICALLY OPERATED CONDUCTOR CUTTER



Features & Applications

- Used to cut conductors up to 954 MCM ACSR, all-aluminum and 500 MCM copper
- Operation similar to a hydraulic jack
- Knob-handle is turned to enable lineman to operate pump handle
- When cut is completed, knob is turned in opposite direction to allow cutting head to open
- Epoxiglas pole, handle and hydraulic hose have been tested to 100 kV per foot (ASTM F711)
- Hydraulic oil has a dielectric strength of 25 + kV per ASTM D877-64
- Hose has a minimum burst strength of 12,000 PSI
- Pump provides maximum pressure of 9,000 PSI
- Features include jaws designed to cut without flattening conductor
- Jaws are adjustable to compensate for wear
- Hydraulic hose is located outside pole for easy maintenance
- Well balanced, requiring minimum effort to cut large conductors



Catalog No.	Length	Pole Dia.	Range	Weight
C4030731	6'	1¼"	To 954 MCM ACSR	13 lb./5.9 kg.
C4030732	8'	1¼"	To 954 MCM ACSR	15 lb./6.8 kg.

Tested per OSHA & ASTM F711

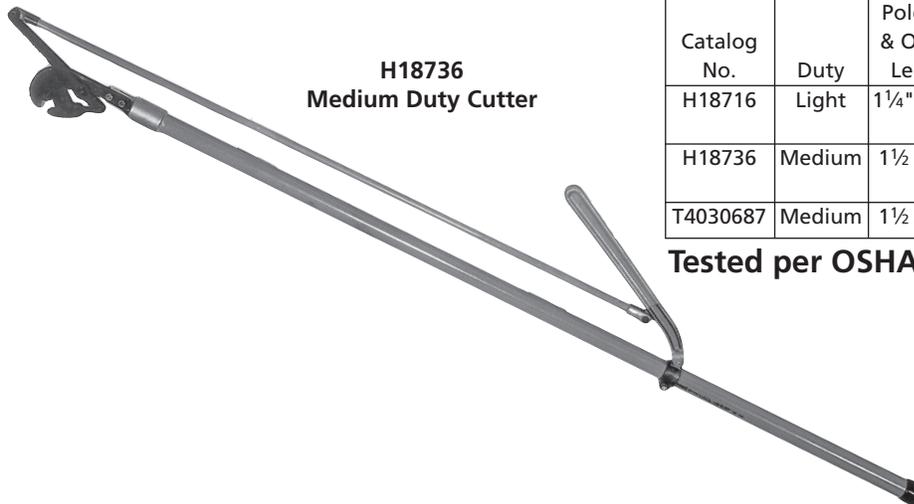


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LEVER TYPE WIRE CUTTERS

Features & Applications

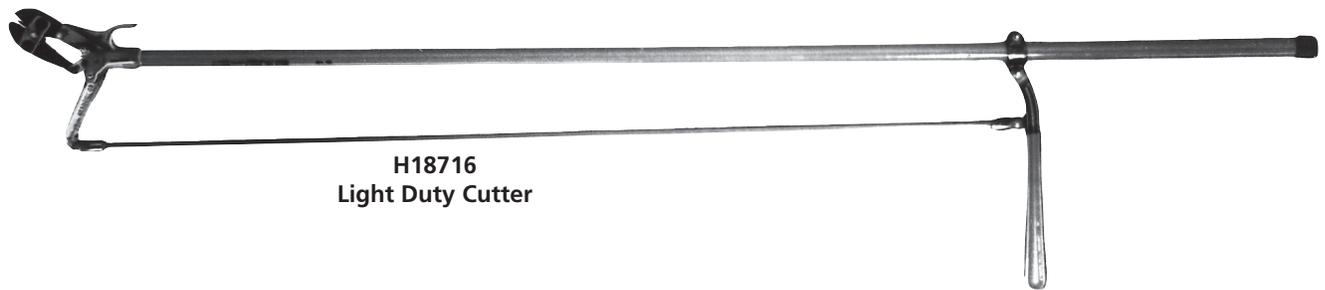
- Three different cutter heads are available for linemen to use for cutting jumper wires, live conductors and tie wires
- All cutters are assembled and mounted on chance Epoxiglas® insulated poles
- Solid fiberglass-reinforced operating rod insulates linemen from the cutter head
- Lever handle is coated with platisol
- Lever action gives linemen added mechanical force to make clean cuts up to the maximum sizes shown in the table below



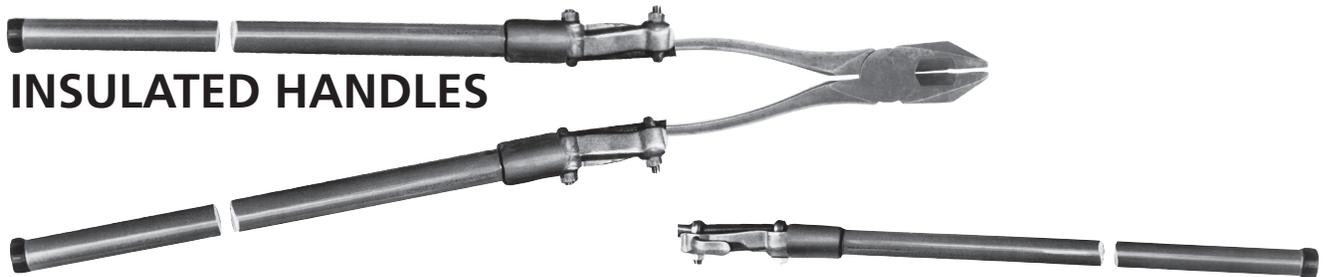
**H18736
Medium Duty Cutter**

Catalog No.	Duty	Pole Size & Overall Length	Maximum Conductor Recommended	Weight
H18716	Light	1¼" x 6'6"	2/0 Solid Copper or 1/0 ACSR	6¾ lb./3.0 kg.
H18736	Medium	1½ x 6'7"	4/0 Stranded Copper or 4/0 ACSR	9¾ lb./4.4 kg.
T4030687	Medium	1½ x 8'7"	4/0 ACSR	10¼ lb./4.6 kg.

Tested per OSHA & ASTM F711



**H18716
Light Duty Cutter**



INSULATED HANDLES

Features & Applications

- Chance Epoxiglas® 1-¼" diameter handles may be easily attached to wire cutters or other hand tools
- For use in hot line maintenance or emergency repair work
- Does not include cutters (pair of Handles only)

Catalog No.	Description	Overall Length	Weight
H18612	Handles Only	4'3½"	4½ lb./2.0 kg.

Tested per OSHA & ASTM F711

TREE TRIMMERS

Features & Applications

- Designed to cut up to 1½" 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 pulley arrangement gives operator a mechanical advantage of 3 to 1
- Example: A 10-lb. pull on rope will exert a 30-lb. force on the cutter head lever
- Ball bearing pulleys are employed for free operation
- Rope furnished with each tree trimmer is 25' long
- Accommodates a 6' extension on the basic tool
- The 18" long Universal Tool Fitting is provided with 25' of rope
- A Universal Pruning Saw can be added to the universal fitting on the side of the head mount
- Spliced extensions fasten securely to the tool with leaf spring button lock



H21064

H2106

Tested per OSHA & ASTM F711

Catalog No.		Description	Overall Length	Approx. Weight
1½" Poles	1¼" Poles			
H2006	H2106	Epoxiglas Tree Trimmer ●	6'10"	5¼ lb./2.4 kg.
H2036	H2136	2-Splice Extension ※	6'	3½ lb./1.6 kg.
H2038	H2138	2-Splice Extension ※	8'	4¼ lb./1.9 kg.
H2056	H2156	1-Splice Extension ▲	6'	3¼ lb./1.5 kg.
H2058	H2158	1-Splice Extension ▲	8'	4 lb./1.8 kg.

● Supplied with Male Splice Half-One End

※ Male/Female Splices

▲ Female Splice Half-One End

ACCESSORIES

Catalog No.	Description	Weight
H2020	Head Only for 1½" Epoxiglas Pole	1¾ lb./.8 kg.
H2120	Head Only for 1¼" Epoxiglas Pole	1¾ lb./.8 kg.
H21064	Universal Tree Trimmer, 18" Epoxiglas Pole	3½ lb./1.8 kg.
P4032283P	Blade Only for Any Head	⅞ lb./.4 kg.
C4032213	Universal Pruning Saw	½ lb./.2 kg.



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