

# CONDUIT FISHING



*Gardner Bender offers a complete range of solutions for conduit fishing and cable pulling, with the contractor in mind. From fish tapes to powered cable pullers, our products are designed around durability, innovation and ease of use.*



67



69



73



74



81

63

Blower Systems	Material Handling
JetLine® Super Blower™ (Electric) . . . . .66	Hoist Lift (Hi-Hoist™) . . . . .94
Super Blo-Vac™ System (Blower/Vacuum) .67	Reel Rollers
Cable Pullers and Accessories	30" Reel Roller . . . . .91
2,000 lb Mini-Brutus™ Powered Puller . . .80	Handy-Saver™ Reel Roller . . . . .91
8,000 lb Brutus™ Powered Puller . . . . .81	Reel Jacks - Telescoping . . . . .91
Sub-Assembly Kits . . . . .81-82	Wire Caddies & Carts
Brutus™ Powered Puller	Deluxe Spool Cart & Caddy Combo . .93
Application Instructions . . . . .83-85	Hand Wire Caddy . . . . .92
Hook Sheaves . . . . .86	Heavy-Duty Spool Cart &
Tension Meter . . . . .86	Caddy Expander Combo . . . . .93
Conduit Measuring Tape . . . . .73	Portable Wire Caddy . . . . .92
CO2 Systems	Portable Wire Dispenser . . . . .94
Air Compressor Seal-Off . . . . .71	Replacement Parts . . . . .94
CO2 Refill Connector . . . . .71	Spool Caddy Cart . . . . .92
Powr House™ Conduit Fishing Systems . .69	Wire Dispenser . . . . .93
Powr-Pak I™ 5 lb. Portable System . . . .70	Lubricants
Powr-Pak II™ 5 lb. Basic System . . . . .70	Wire-Aide™ . . . . .86
Fish Tapes and Accessories	Poly-Gel™ . . . . .87
Cable Snake™ Flat Wire Tape . . . . .76	Super-Slick™ . . . . .88
Cable Snake™ Steel Fish Tapes . . . . .75-76	Pull Line / Line Carriers
Economy Fish Tape . . . . .77	Foam Line Carriers . . . . .72
Fiberline™ Non-Conductive	Heavy-Duty Bulk Nylon Line . . . . .73
Fiberglass Fish Tapes . . . . .77	Inflatables® Line Carriers . . . . .71
Fish Tape Ball . . . . .79	Missile Line Carriers . . . . .71
Fish Tape Leader . . . . .78	Poly-Pull™ Line . . . . .73
Nylo-Flex™ Non-Conductive	Power Saver™ Line Packages . . . . .72
Nylon Fish Tapes . . . . .78	Tag Along™ Line Packages . . . . .72
Replacement Tapes - Steel . . . . .77	Rope
Rewind™ Fish Tape Winder . . . . .75	Rope Selection Guide . . . . .90
Streamline™ Steel Fish Tapes . . . . .75	Poly-Pro™ General Purpose Rope . . . . .89
UpperHand™ Steel Fish Tapes . . . . .74	Super Tuff-Pull™ Double Braided Rope . .88
UpperHand™ Non-Conductive	Tuff-Pull™ Single Braided Rope . . . . .89
Fiberglass Fish Tapes . . . . .74	Vacuum / Blowers
Fish Sticks	Super Blo-Vac™ System . . . . .67
12' Fish Ease™ . . . . .79	
15' Glo Fish™ . . . . .79	

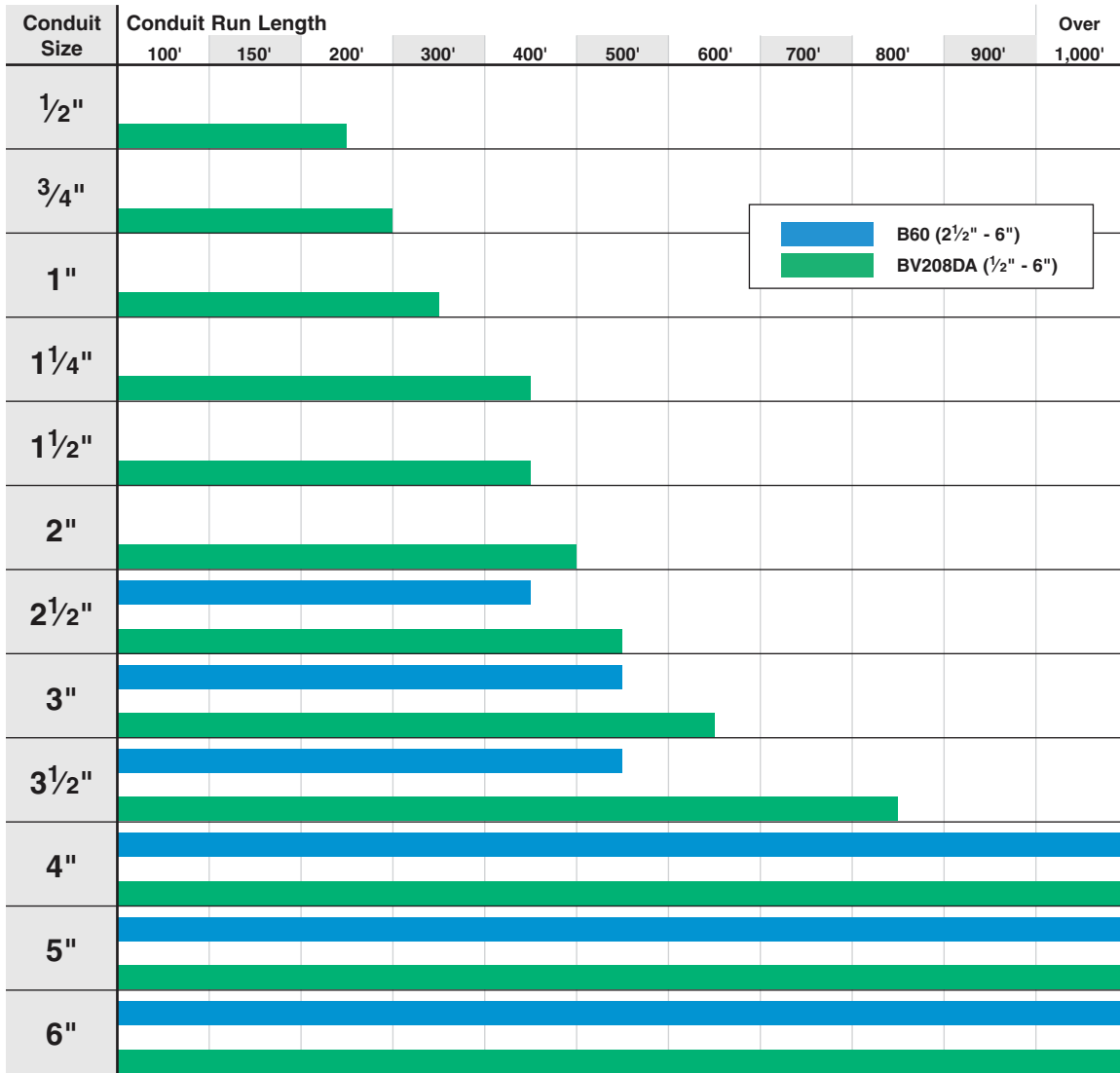


CONDUIT FISHING

## Conduit Installation Chart

- **JetLine® Super Blower™ System (B60)** Page 68
- **Super Blo-Vac™ System (BV208DA)** Page 69

The following chart illustrates typical conduit installation. Fewer bends and lighter pull lines can increase the maximum distances obtainable. The chart below refers to a typical run with (4) 90° bends and no obstructions or leaks, using JetLine® PL232 Pull Line (200lb test) and foam line carriers.



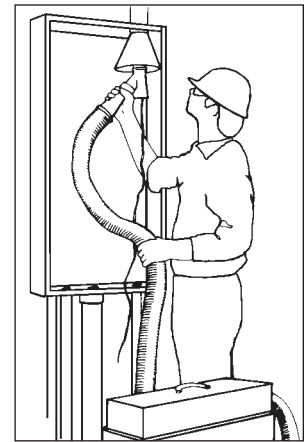


**INNOVATION**

## JetLine® Super Blower™ System

The most powerful blower system in the market.

- Blower unit delivers 275 cfm at 3 psi – more than enough to blow 1/2" Poly-Pull™ rope 1000' or more through conduit up to 6" diameter.
- Lightweight (35 lbs) and compact (24" x 7 1/2" x 8 1/4") power unit can be hand-carried to the work area.
- Extra-long 25' hose allows power unit to be located outside the manhole or vault.
- All work is done from one end of the conduit, permitting one-person operation. Works on 115 V AC power.
- System includes patented Dial-A-Line™ Seal-Off System; eliminates extra steps by allowing simple "dial" selection of feed-thru opening size for up to 1/2" pull rope.
- Can use pull rope and True Tape™ conduit measuring tape simultaneously.
- 115 V AC, 23 A; Power Consumption 2.65 kw.
- Specifications: max. 4 psi; 150 cfm; 3 motors (1 1/2 hp each).



Part #	Description	Weight
B60	JetLine® Super Blower™ Conduit Fishing System	56 lbs

### System Includes:

Part #	Description	Weight	I.D. #	Part #	Description	Weight	I.D. #
B3000	Power Unit	34 lbs	1	F400B	Line Carrier for 3", 3 1/2", 4" conduit	.1 lb	5
126025*	25' x 2 1/2" Heavy-duty Hose	12 lbs	2	M5000	5" Plastic Line Carrier	.4 lb	6
B26	Large Dial-A-Line™ Seal-Off Body	.7 lb	3	M6000	6" Plastic Line Carrier	.5 lb	7
BV24	Seal-Off for 2 1/2" - 6" conduit	3.3 lbs	4				

\*Order catalog number 901152 to replace hose cuff end as necessary.



**CONDUIT FISHING**

## Super Blo-Vac™ System

This rugged blower/vacuum system handles ½" to 6" conduit.

- Blows or vacuums most debris and water from conduit runs.
- High-impact, lightweight polypropylene construction will not rust or dent.
- Compartments can be unlatched and separated. Recovery compartment capacity expandable to 9 gallons by using bottom tool storage compartment.
- 10" diameter metal hubbed wheels allow mobility.
- Complete package includes patented Dial-A-Line™ Seal-offs, Inflatable® line carriers, foam line carriers, Power Saver™ and Tag-Along™ line packages. All accessories store neatly in self-contained tool storage compartment.
- Three-stage blower/vacuum motor delivers up to 25% more power for longer runs and faster operation.
- 115 V AC, 13 A, 14¼" x 16½" x 39¾"
- Specifications: max. 5 psi; 95 cfm; 2¼ hp; 134" vacuum.



CONDUIT FISHING

Part #	Description	Weight
BV208DA	Super Blo-Vac™ Power Conduit Fishing System	63 lbs

### System Includes:

Part #	Description	Weight	I.D. #	Part #	Description	Weight	I.D. #
1525	Cart	25 lbs	1	JV08	Short Seal-off for ½" - 1¼" conduit	.1 lb	11
JV12	Seal-off for 1¼" - 2½" conduit	.3 lb	2	JV09	Long Seal-off for ½" - 1¼" conduit	.1 lb	12
LP3200B	(5) 200' Line Pkgs for ¾" conduit	.9 lb	3	B26	Large Dial-A-Line™ Seal-off Body	.7 lb	13
LP4200	(5) 200' Line Pkgs for 1" conduit	1.6 lbs	4	BV23	Seal-off for 1¼" - 2½" conduit	.3 lb	14
LP2206T	(2) 400' Line Pkgs for 1¼" or larger conduit	.6 lb	5	BV24	Seal-off for 2½" - 6" conduit	3.3 lbs	15
LP2207T	(2) 800' Line Pkgs for 1¼" or larger conduit	1 lb	6	BV1281	Crevice Tool (for clean-up)	.1 lb	16
JV210	Filter Bag (for vacuuming)	.1 lb	7	LP2150	(10) 150' Line Pkgs for ½" conduit	.8 lb	17
12568	8' x 1½" Heavy-duty Hose	3.3 lbs	8	LP3450	(5) 450' Line Pkgs for ¾" conduit	1.4 lbs	18
BV12	Hose Adapter (to Dial-A-Line™ body)	.1 lb	9	LP4450	(5) 450' Line Pkgs for 1" conduit	.8 lb	19
JV07	Dial-A-Line™ Seal-off Body	.2 lb	10	FC1-10	(1 ea) Foam Line Carriers for ½" - 4" conduit	1 lb	20

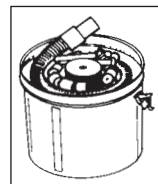
15' x 1½" heavy-duty hose available. Order Part #125615.

### Super Blo-Vac™ Specifications

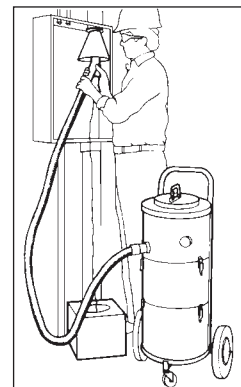
Vacuum* (inches of waterlift)	134"
Maximum Air Pressure*	5 psi
Electrical Rating	120 V AC, 13.8 A
Type of Motor	By-pass
Number of Impeller Stages	3
Recovery Capacity**	9 gallons
Net Weight	55 lbs
Height w/Cart	41"
Motor Brush Life	750 hours

\* Will vary with voltage and atmospheric conditions @ sealed vacuum.

\*\* When using Recovery Compartment and Tool Storage Compartment together.



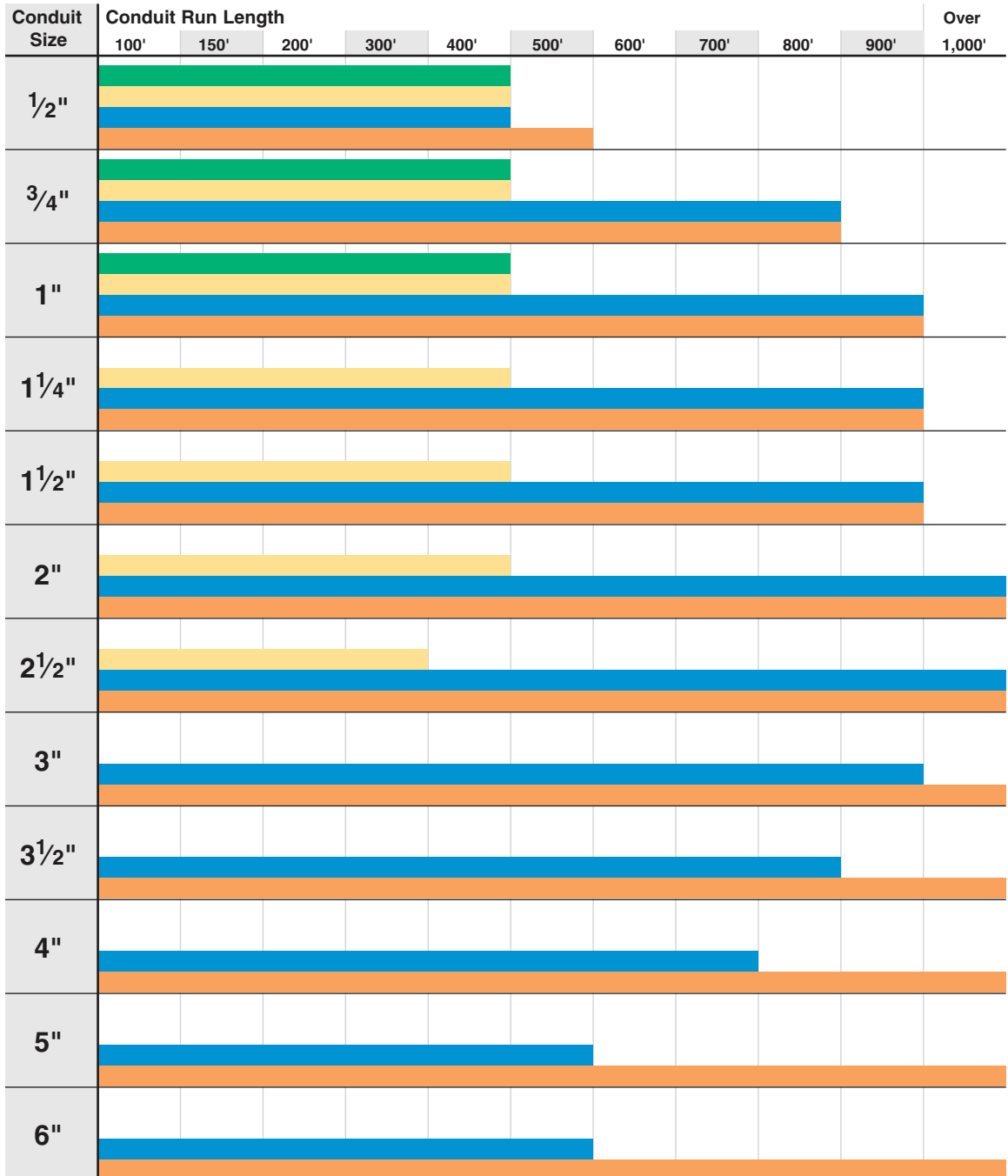
Tool Storage Compartment



## Conduit Installation Guide

- **Powr-Pak II™ 5-lb Basic System (J025CA + 1103N)** Page 72
- **Powr-Pak I™ 5-lb Portable System (J025)** Page 72
- **PowrHouse™ System with 20-lb CO<sub>2</sub> (J0225LC + 1208)** Page 71
- **PowrHouse™ System with 50-lb CO<sub>2</sub> (J0225LC + 950)** Page 71

The following chart illustrates typical conduit installation. Fewer bends and lighter pull lines can increase the maximum distances obtainable. The chart below refers to a typical run with (4) 90° bends and no obstructions or leaks, using JetLine® PL232 Pull Line (200-lb test) and foam line carriers.



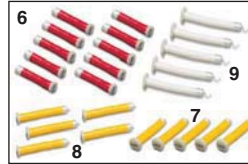
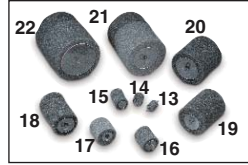
CONDUIT FISHING

**GB EXCLUSIVE! Powr House™ Conduit Fishing Systems**

For 1/2" to 6" conduit.

- Completely self-contained with no electrical power source required. Use 50 lb cylinder as source for refilling smaller cylinders (requires RV5 refill connector).
- Quick, easy setup.
- Metered operating valve controls CO<sub>2</sub> volume to minimize waste and maximize safety.
- Locking pull ring prevents accidental discharge.
- 1" tank thread.
- Specifications: 840 psi @ 70 °F.

Accessories included with JO225LC



Part #	Description	Weight
JO225LC	Powr House™ Conduit Fishing System without CO <sub>2</sub> Cylinder	40 lbs
950	50 lb CO <sub>2</sub> Cylinder (full) (JO250 only)	161 lbs
1208	20 lb CO <sub>2</sub> Cylinder (full) (JO220 only)	58 lbs



**JO225LC & 950**  
(50 lb Cylinder)



**JO225LC & 1208**  
(20 lb Cylinder)



**JO225LC Powr House™**  
**CO<sub>2</sub> System w/o Cylinder**

**Contents Included in JO225LC:**

Part #	Description	Weight	I.D. #	Part #	Description	Weight	I.D. #
1105A*	12' Valve Assembly with UG12 hose only	3.6 lbs	1	FC1	Foam Line Carrier for 1/2" conduit	.1 lb	13
1215	Seal-off for 1/2" - 1" conduit with 2' hose	.4 lb	2	FC2	Foam Line Carrier for 3/4" conduit	.1 lb	14
1142	Angle Adapter (for 1215 Seal-off)	.1 lb	3	FC3	Foam Line Carrier for 1" conduit	.1 lb	15
1216	Seal-off for 1 1/4" - 2 1/2" conduit with 2' hose	.8 lb	4	FC4	Foam Line Carrier for 1 1/4" conduit	.1 lb	16
1206	Seal-off for 1 1/2" - 6" conduit	5.2 lbs	5	FC5	Foam Line Carrier for 1 1/2" conduit	.1 lb	17
LP2150	(10) 150' Line Pkgs for 1/2" conduit	1.3 lbs	6	FC6	Foam Line Carrier for 2" conduit	.1 lb	18
LP3200	(5) 200' Line Pkgs for 3/4" conduit	.8 lb	7	FC7	Foam Line Carrier for 2 1/2" conduit	.1 lb	19
LP3300	(5) 300' Line Pkgs for 3/4" conduit	1.1 lbs	8	FC8	Foam Line Carrier for 3" conduit	.1 lb	20
LP4300	(5) 300' Line Pkgs for 1" conduit	1.1 lbs	9	FC9	Foam Line Carrier for 3 1/2" conduit	.1 lb	21
LP2206T	(3) 400' Line Pkgs for 1 1/4" or larger conduit	.6 lb	10	FC10	Foam Line Carrier for 4" conduit	.1 lb	22
LP2207T	(3) 800' Line Pkgs for 1 1/4" or larger conduit	.6 lb	11	FC11	Foam Line Carrier for 5" conduit	.1 lb	NS
LP2208T	(3) 600' Line Pkgs for 1 1/4" or larger conduit	.9 lb	12	FC12	Foam Line Carrier for 6" conduit	.1 lb	NS

\*Order UG12 for hose only. Order UG121112 for hose and coupling assembly.

NS=Not Shown



**CONDUIT FISHING**

## Powr-Pak I™ 5-lb Portable System

For 1/2" to 2 1/2" conduit.

- Exclusive from Gardner Bender.
- Lightweight, portable system requires no electrical power.
- Metered operating valve controls volume, preventing waste.
- 5 lb cylinder can be refilled from larger cylinder using #RV5 refill connector.
- Locking pull ring prevents accidental discharge.
- 3/4" NGA tank thread.
- Specifications: 840 psi @ 70 °F.



Part #	Description	Weight
JO25	Powr-Pak I™ Portable CO <sub>2</sub> Conduit Fishing System	16 lbs
JO25A	Powr-Pak I™ Portable CO <sub>2</sub> Conduit Fishing System w/out Cylinder	10 lbs

### System Includes:

Part #	Description	Weight	I.D. #	Part #	Description	Weight	I.D. #
1103N	5-lb-capacity CO <sub>2</sub> Cylinder w/valve (full)	18 lbs	1	F125B	(4) Line Carriers for 3/4" - 1 1/2" conduit	.6 lb	9
1102	Shoulder Strap	.4 lb	2	F250B	(2) Line Carriers for 1 1/2" - 2 1/2" conduit	.6 lb	10
1215	2' hose seal-off for 1/2" - 1" conduit	.4 lb	4	LP2150	(10) 150' Line Pkgs for 1/2" conduit	1.3 lbs	11
1142	Angle Adapter (for 1215 Seal-off)	.1 lb	5	LP3200	(5) 200' Line Pkgs for 3/4" conduit	.8 lb	12
1216	2' hose seal-off for 1 1/4" - 2 1/2" conduit	.8 lb	6	LP4300	(5) 300' Line Pkgs for 1" conduit	1.1 lbs	13
RV5	Refill Connector (with 1137 Cone)	.8 lb	7	LP1701B	1000' Nylon Bulk Line	1 lb	14
FC1	(5) Foam Line Carriers for 1/2" conduit	.1 lb	8	LP1702B	2000' Nylon Bulk Line	1 lb	15

## Powr-Pak II™ 5-lb Basic System

For 1/2" to 1" conduit.

- Same Powr-Pak™ 5-lb cylinder with basic accessories.
- Unit can be expanded with other accessories.
- 3/4" NGA tank thread.
- Includes convenient portable caddy.



Part #	Description	Weight	I.D. #
JO25CA	Powr-Pak II™ Portable CO <sub>2</sub> Conduit Fishing System w/out Cylinder	10 lbs	NS
1103N	5-lb Capacity CO <sub>2</sub> Cylinder w/valve (full)	18 lbs	1

NS=Not Shown

### System Includes:

Part #	Description	Weight	I.D. #	Part #	Description	Weight	I.D. #
1102	Shoulder Strap	.4 lb	2	LP4300	(5) 300' Line Pkgs for 1" conduit	1.1 lbs	8
1505	Caddy w/ Tool Box	5.8 lbs	3	LP1703	1400' Nylon Bulk Line	.9 lb	9
1215	Seal-off for 1/2" - 1" conduit with 2' hose	.4 lb	4	FC1	Foam Line Carrier for 1/2" conduit	.1 lb	10
1142	Angle Adapter (for 1215 Seal-Off)	.1 lb	5	FC2	Foam Line Carrier for 3/4" conduit	.1 lb	11
LP2150	(10) 150' Line Pkgs for 1/2" conduit	1.3 lbs	6	FC3	Foam Line Carrier for 1" conduit	.1 lb	12
LP3200	(5) 200' Line Pkgs for 3/4" conduit	.8 lb	7				



## CO<sub>2</sub> Refill Connector

Connection for refilling CO<sub>2</sub> cylinders.

- Flexible urethane hose with quick disconnects.
- Saves time.

Part #	Description	Weight
RV5	CO <sub>2</sub> Cylinder Refill Connector	.8 lb



## Air Compressor Seal-Off

Use with most commercial air compressors to blow pull line into conduit or duct. For use with 2" to 6" conduit sizes.

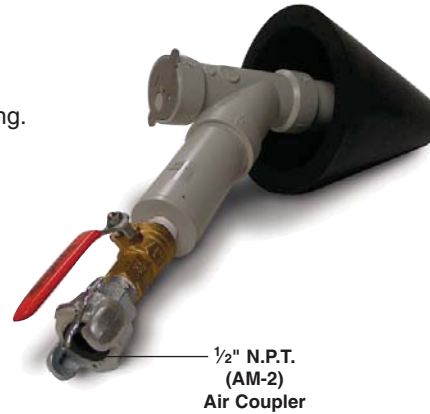
- The Dial-A-Line™ feature is incorporated into the compressor fitting.
- Maximum 200 cfm rating.
- Shut-off valve.

### CAUTION

Use in 2½" - 6" conduit only. To avoid rapid pressure build-up, do not use on smaller sizes of conduit.

Part #	Description	Weight
CB21V	Air Compressor Seal-off	6 lbs

Sold as complete assembly only.



## The Inflatables® Line Carriers

For ¾" to 6" conduit.

- Each inflatable line carrier adjusts to fit the conduit; four items cover a range of eleven diameters of rigid, IMC, EMT, PVC or flexible conduit, or single-bore duct.
- Heavy-gauge waterproof woven nylon assures long life.

Part #	Qty	Description	Weight
F125	5/bx	The Inflatables® Line Carrier for ¾", 1" & 1¼" conduit	.6 lb
F250	5/bx	The Inflatables® Line Carrier for 1½", 2" & 2½" conduit	.6 lb
F400	2/bx	The Inflatables® Line Carrier for 3", 3½" & 4" conduit	.3 lb
F600	2/bx	The Inflatables® Line Carrier for 5" & 6" conduit	.3 lb

F125 not pictured.



## Missile Line Carriers

For 2" to 6" conduit.

- Fast blowing and vacuuming of 2" to 6" diameter conduit by low-friction plastic carriers.
- Easily removed from conduit if stuck or jammed.

Part #	Qty	Description	Weight
M2000	1/bg	Missile Line Carrier for 2" conduit (w/rope eye)	.1 lb
M3000	1/bg	Missile Line Carrier for 3" conduit (w/rope eye)	.3 lb
M4000	1/bg	Missile Line Carrier for 4" conduit (w/rope eye)	.3 lb
M5000	1/bg	Missile Line Carrier for 5" conduit (w/rope eye)	.4 lb
M6000	1/bg	Missile Line Carrier for 6" conduit (w/rope eye)	.5 lb



## Foam Line Carriers

For 1/2" to 6" conduit.

- Cleans water and debris from most conduit – rigid, EMT, IMC, PVC or flexible.
- Durable for indefinite re-use.

Part #	Qty	Description	Weight
FC1	10/bx	Foam Line Carrier for 1/2" conduit	.3 lb
FC2	10/bx	Foam Line Carrier for 3/4" conduit	.3 lb
FC3	10/bx	Foam Line Carrier for 1" conduit	.4 lb
FC4	10/bx	Foam Line Carrier for 1 1/4" conduit	.4 lb
FC5	5/bx	Foam Line Carrier for 1 1/2" conduit	.3 lb
FC6	5/bx	Foam Line Carrier for 2" conduit	.4 lb
FC7	5/bx	Foam Line Carrier for 2 1/2" conduit	.6 lb
FC8	5/bx	Foam Line Carrier for 3" conduit	.6 lb
FC9	2/bx	Foam Line Carrier for 3 1/2" conduit	.5 lb
FC10	2/bx	Foam Line Carrier for 4" conduit	.6 lb
FC11	2/bx	Foam Line Carrier for 5" conduit	.8 lb
FC12	2/bx	Foam Line Carrier for 6" conduit	.8 lb

FC11 & FC12 not pictured.



## Power Saver™ Line Packages

For 1/2" to 1" conduit.

- Carrier and pull line included in a single, handy package. Line is dispensed smoothly and quickly as line carrier moves through conduit.
- No knots to tie, no foam carriers to retrieve.
- Color coded packages indicate line diameter.



Part #	Qty	Description	Length	Color	Breaking Strength	Weight
LP2150	50/bx	Power Saver™ Line Package for 1/2" conduit	150'	Red	17 lbs	.8 lb
LP3300	25/bx	Power Saver™ Line Package for 3/4" conduit	300'	Yellow	17 lbs	.8 lb
LP3450	25/bx	Power Saver™ Line Package for 3/4" conduit	450'	Yellow	17 lbs	.8 lb
LP4300	25/bx	Power Saver™ Line Package for 1" conduit	300'	White	17 lbs	.8 lb
LP4450	25/bx	Power Saver™ Line Package for 1" conduit	450'	White	17 lbs	.8 lb

## Tag-Along™ Line Packages

For 1 1/4" to 6" conduit.

- Handles longer runs with less energy.
- Line is dispensed as package moves through conduit attached to line carrier.
- Works with foam or inflatable line carriers.



Part #	Qty	Description	Length	Breaking Strength	Weight
LP2206T	10/bx	Tag-Along™ Pull Line Package	400'	22 lbs	.6 lb
LP2207T	10/bx	Tag-Along™ Pull Line Package	800'	22 lbs	1.1 lbs
LP2208T	10/bx	Tag-Along™ Pull Line Package	600'	22 lbs	.9 lb

## Heavy-Duty Bulk Nylon Line

Doubles as general-purpose line for layout of suspended ceilings, plumb-lines and masonry construction.

- Use with line carriers for any size conduit.
- All packages are center-dispensing (except #LP1707).

Part #	Qty	Description	Length	Breaking Strength	Weight
LP1701	6/bx	Heavy-duty Bulk Nylon Line	1000'	100 lbs	2.5 lbs
LP1722	6/bx	Heavy-duty Bulk Nylon Line	2200'	90 lbs	6.3 lbs



LP1722



LP1701

## Poly-Pull™ Series Pull Line

Super high strength – up to 500 lbs breaking strength.

- Self-lubricated polyolefin line lasts for years; will not rust, rot or mildew.
- Center-dispensing box pays out line smoothly.
- Blow directly into conduit using Dial-A-Line™ Seal-off bodies

PL235



PL232B

Part #	Description	Length	Breaking Strength	Outside Diameter	Color	Weight
PL102	Poly-Twine™ Pull Line	6500'	190 lbs	1/8"	Yellow	13 lbs
PL102B	Poly-Twine™ Pull Line in bucket	6500'	190 lbs	1/8"	Yellow	14 lbs
PL232B	Poly-Pull™ Line in bucket	6500'	210 lbs	1/8"	Blue tracer	11 lbs
PL235	Poly-Pull™ Line in dispenser box	2200'	500 lbs	3/16"	Red tracer	15 lbs
PL235B	Poly-Pull™ Line in bucket	2200'	500 lbs	3/16"	Red tracer	16 lbs

## Conduit Measuring Tape

Blow or vacuum through the run to estimate wire length or to locate obstructions.

- Strong and durable.
- Breaking strength of 165 lbs.
- Mildew and rot-resistant.

Part #	Description	Dimensions	Weight
ST40	Super True Tape™ Measuring Tape	2750' Roll x 1/4" wide	3.6 lbs



CONDUIT FISHING

**GB**  
Gardner Bender **INNOVATION**

**GB EXCLUSIVE! UpperHand™ Fish Tape**

GB's series of UpperHand™ fish tapes has improved traditional hand fishing with the first ergonomic fish tape in the industry. The improved design is manufactured with impact-resistant ABS and Nylon™ resins and includes a full, wrap-around interior ring to increase durability. The UpperHand™ series is backed by an industry leading 5-year limited warranty.

- Exclusive Ergonomic Handle reduces wrist strain.
- Exclusive Comfort Formed Grip reduces forearm strain.
- Exclusive cushioned Rubber Hand Grips for ease of operation and comfort (certain models).
- Impact Modified Handle and Housing that exceeds the 25 ft drop-test.
- Plated Steel Wire resists corrosion (certain models).



**A Tape for Every Job**



**Standard Carbon Steel**

Tried-and-true, tough and economical solution for wire pulling.



**Corrosion-Resistant Plated Carbon Steel (R series)**

The toughest, most durable tape for long-lasting use.



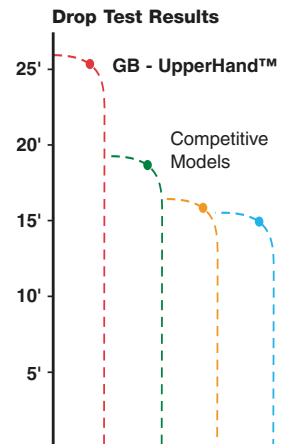
**Non-Conductive Fiberglass Core with Nylon Jacket**

Exclusive non-conductive tip and unique flat shape is easier to feed yet able to pull up to 500 lbs.



**Five Year Warranty**

	FTN-100R	FTS-65R	FTS-125R	FTS-250R
<b>Tape Length</b>	100'	65'	125'	250'
<b>Tape Material</b>	Fiberglass Core w/ Nylon Jacket	Corrosion-Resistant Plated Carbon Steel		
<b>Pkg Qty</b>	1/card	1/card	1/card	1/card
<b>Handle / Housing Material</b>	Nylon / ABS w/ rubber grips	Nylon / ABS w/ rubber grips	Nylon / ABS w/ rubber grips	Nylon / ABS w/ rubber grips
<b>Tape Dimensions</b>	TBD	TBD	TBD	TBD
<b>Weight</b>	2.99 lbs	3.0 lbs	5.2 lbs	8.2 lbs
<b>Internal / External Ring Dia.</b>	5½" / 12"	4" / 8½"	5½" / 12"	5½" / 12"



Tested to withstand a 25' drop



**Ergonomic Handle**

Reduces fatigue and wrist strain by allowing the user to keep their wrist in a natural position



**GB EXCLUSIVE! UpperHand™ Rewind™ Fish Tape Winder**

New UpperHand™ Rewind™ Fish Tape Winder GB's new two-piece winding solution that is easier to use than any other manual winding system available. The Rewind™ works on all 100', 125' and 250' UpperHand™ fish tapes.

- Designed exclusively for UpperHand™ fish tapes.
- Molded tabs Snap into the UpperHand™ housing to firmly secure.
- 3/8" Drive Socket fits standard ratchet.
- Over-molded Rubber Hand Grip on Ratchet. improves operation and comfort.
- High-Impact ABS Construction withstands drops of greater than 25'.
- Fits the following UpperHand™ Fish Tape models:
  - FTS-125 - FTS-125R - FTS-250
  - FTS-250R - FTN-100R



**Attaches Easily**

No tools are needed – just turn the handle and snap into place. No other winder is as easy to use!

**Reduces Strain/Improves Productivity**

Efficient ratcheting feature saves arm movements – and time on the job.

**Keeps Tape Smooth**

Easy, steady retrieval maintains tape's original shape for long-lasting use.

Part #	Pkg Qty	Description
FTW-10	1/card	Rewind™ Fish Tape Winder

**Cable Snake™ Steel Fish Tape**

Rugged, ergonomically-designed steel fish tape.

- Comfortable handle made of impact-resistant plastic.
- Handle will not pop-out.
- Largest opening and gripping surface in the industry.
- GB exclusive trigger design cleans tape and provides constant tension during retrieval.
- Tape is wound directly into housing. No need to “snap” retaining tapes.
- Wire has clean lubricating properties to prevent rust.
- Maximum design strength 500 lbs.
- Fish tape ball helps guide through tricky bends.
- Patented.



Part #	Description	Weight
FTS-100GR	120' x 1/8" x .0625" Cable Snake™	4.6 lbs
FTS-200GR	240' x 1/8" x .0625" Cable Snake™	7.2 lbs



CONDUIT FISHING

## Streamline™ Steel Fish Tape

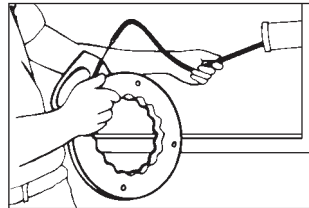
Setting the industry standard for quality and dependability.

- Tape is wound directly into housing; no need to “snap” retaining tapes; no sticky residue inside housing.
- Form-fitting finger grips around reel fit the hand comfortably.
- Shatter-proof reel stands up to on-the-job abuse.
- Four viewing ports on reel show how much tape remains.
- Easy disassembly for fast replacement of tape.
- Maximum design strength 500 lbs.

FTS-50B



Part #	Description	End Type	Reel Dia.	Weight
FTS-50B	50' x 1/8" x .045" Fish Tape	Curled	8 1/2"	2.3 lbs



## Cable Snake™ Steel Fish Tape

Perfect for short runs installing electrical boxes, outlets, lighting fixtures, doorbells and security systems.

- Compact design houses 25' of tape and fits in tool box or on tool belt.
- Flat wire steel tape fishes down walls, under carpets and over ceilings.
- Wedge-shaped tip prevents hang-up.
- Low-memory tape does not curl during extension - perfect for non-conduit situations.
- Formed handle fits easily in hand.
- Compact tape rewind knob for quick wind-up.



EFT-21P

Part #	Description	Weight
EFT-21P	25' Cable Snake™ Fish Tape	1.10 lbs



**Standard fish tape used for conduit**  
 High memory tape curls when extended not allowing fishing through walls



**25' Cable Snake™**  
 Low memory tape does not curl when extended, making it ideal for fishing overhead or through walls

## Replacement Fish Tape

Replacement tape FTS series.

- Durable flat steel tapes in 1/8" and 1/4" widths.

Part #	Description	Fits Housing Number	Weight
RTS-50B	50' x 1/8" x .045" Steel	FTS-50B	1.2 lbs
RTS-100	100' x 1/8" x .060" Steel	FTS-100CE, FTS-100GR	3.0 lbs
RTS-200	200' x 1/8" x .060" Steel	FTS-200CE, FTS-200GR	5.6 lbs
RTX-100	100' x 1/4" x .060" Steel	FTX-100	5.8 lbs
RTX-200	200' x 1/4" x .060" Steel	Bulk (no housing)	11 lbs



## Economy Fish Tape

Economical 50' tape.

- Standard steel material.
- View port in reel allows user to see amount of tape used.

Part #	Description	Reel Dia.	Weight
EFT-50B	50' x 1/8" x .045" Fish Tape	7"	1.8 lbs



## Fiberline™ Non-Conductive Fiberglass Fish Tape

For use in telecom, electrical, wall and floor conduit, walker duct and utility installations.

- Fiberglass non-conductive properties for safer pushing/pulling in occupied duct and panel boxes.
- Inner feed design for quick payout and rewind.
- Rust and corrosion resistant, superior pulling strength, will not kink.
- High visibility in crowded conduit.
- Fish tape eye accommodates #10 wire.
- Repair kit keeps parts handy.
- FiberLine™ Hand Puller protects fiberglass rod while pulling. Works on most competitive fiberglass fish tapes.
- Maximum design strength 250 lbs.

Part #	Description	Weight
FTF-200	200' FiberLine™ w/ 3/16" rod	18 lbs

\*FTRK-20 Repair Kit Available

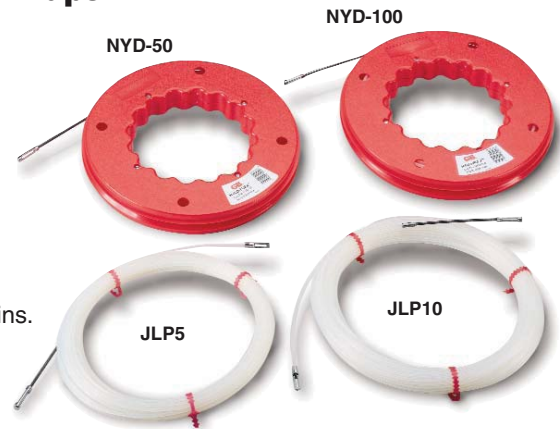


FTF-200

## Nylo-Flex™ Non-Conductive Nylon Fish Tape

Non-conductive fish tape – light and flexible.

- Designed for use in conduit with existing wires or cables.
- Glides through 1/2" to 4" conduit.
- High-strength nylon tape tested at 300 lbs average tensile strength.
- Shatterproof reel is virtually indestructible; features no-slip, form-fitting finger grips.
- Four viewing ports on reel show how much tape remains.
- 6-inch spiral wound metal leader with pulling eyelet included (attached).
- Tape diameter is 3/16".



Part #	Description	Weight
NYD-50	50' Nylo-Flex™ Non-conductive Fish Tape Housing	1.2 lbs
NYD-100	100' Nylo-Flex™ Non-conductive Fish Tape Housing	2.2 lbs
JLP5	50' Non-conductive Replacement Tape (coil only)	1 lb
JLP10	100' Non-conductive Replacement Tape (coil only)	1.5 lbs

## Fish Tape Ball

Eye holds 7 #10, 12 #12 or 19 #14 bare wires.

- Attaches directly to most 1/8" x .0625" steel fish tapes.
- Maximum design strength 500 lbs.

Part #	Description	Weight
FTB-10	Fish Tape Ball	.06 lb



## Fish Tape Leader

Multi-Flex™ is a flexible, non-kink, round metallic leader perfect—for flat steel tapes.

- Double-sheathed to prevent unraveling. Brass plated for corrosion resistance.
- Spring Coil easily curves around bends, yet is rigid enough to fish smoothly through conduit with existing wire.
- High strength – tested at 400 lb tensile strength.
- Attaches directly to 1/8" tapes, adapts to fit 1/4" tapes.

Part #	Description	Weight
FTL-5	Fish Tape Leader, Multi-Flex™	.5 lb





## **NEW** Fish Ease™ 12' Fish Sticks

- 3 durable interlocking fiberglass rods extend up to 12'. (4' sections).
- 1/4" diameter ensures rigidity when extended.
- 2 different threading tips provided for a variety of applications.

Part #	Description	Dimensions	Weight
FTX-12L	Fish Ease™ 12' Fish Sticks	3 4' sections x 1/4"	1 lb



## **NEW** Glo Fish™ 15' Glow in the Dark Fish Sticks

- 3 interlocking fiberglass rods extend up to 15'.
- Made from luminescent fiberglass to make fishing through walls or over ceilings easier.
- 1/4" diameter ensures rigidity when extended.

Part #	Description	Dimensions	Weight
FTX-15GL	Glo Fish™ 15' Fish Sticks	3 4' sections x 1/4"	1 lb



**NEW Mini-Brutus™ Cable Puller**

Gardner Bender introduces the new Mini Brutus™ 2,000 pound pulling system. With the PT2000M power drive, the CP2000M is an all-in-one light to medium duty cable puller. When removed, the power drive can also be used as a pipe threader (adapters not provided). Durable square tubular steel frame construction prevents buckling and the welded steel base improves stability. Multi-position adjustable arm increases versatility and allows cable pulls from any direction. Self-contained, compact design sets up in minutes and is perfect for pulls in small panels or tight locations.

- Rated for pulls up to 2,000 pounds.
- Self-contained design for quick setup and takedown.
- Adjustable arm fully extends to 70".
- Extended height to 9' 8" for convenience.
- 44" x 13½" x 18" collapsible frame for portability and easy storage.
- 5½" wheels to improve jobsite portability.
- Pulls loads up to 18' per minute to avoid wire installation damage.
- Two-part urethane baked-on paint to resist chipping and rust.
- Metal case provided for Power Drive and components.



Stored Position (CP2000)



Part #	Description
CP2000	Mini-Brutus™ Cable Puller Frame
CP2000M	Mini-Brutus™ Cable Puller w/ Motor & Components
PT2000M	Power Drive Kit for CP2000 & CP2000M



CP2000M Includes:

Part #	Description
CP2000	Mini-Brutus™ Cable Puller Frame
PT2000M	Power Drive Kit



PT2000M

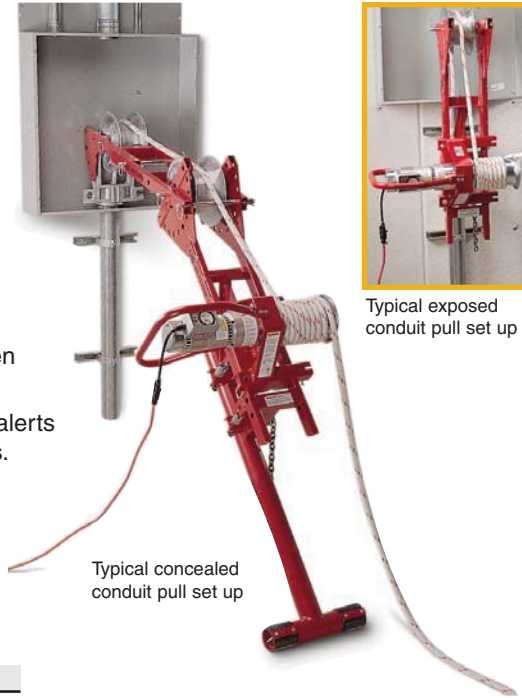


CONDUIT FISHING

## Brutus™ Powered Puller

Pulls up to 8,000 lbs.

- Exclusive planetary gear design lets powerhead deliver smooth, sure power without breakage.
- 30% more pulling force than competitors' models.
- Versatile frame mounts power head almost anywhere.
- Frame assembles in numerous configurations.
- No chains or sprockets to break.
- Powerful 1½ hp motor starts under full load. Capstan is non-reversing with backstop brake. Will not reverse when power is shut off.
- Load read-out meter indicates pulling load at all times; alerts operator to hung-up cable or other excessive conditions.
- Two-way power head mounting adapts to tight corners.
- Pulls 10 feet/minute without buckling or bending.
- Heavy-duty metal case included.
- Min 15 A, Max 30 A.



CONDUIT FISHING

Part #	Description	Weight
CP8000	Brutus™ Powered Puller for exposed or concealed conduit	355 lbs

### CP8000 Includes:

Part #	Qty	Description	Weight	I.D. #
CP800	1	Power Head	60 lbs	1
CP503	3	2' Chain Assembly	3 lbs	4
CP505	5	8" Lock Pins	7 lbs	5
CP601	1	Conduit Frame Adapter	55 lbs	6
S-8512	3	12" Sheave	7 lbs	7
CP622	3	10" Lock Pins	3 lbs	8
CP631	1	Boom Extension	18 lbs	9
CP701	1	Puller Base Extension	25 lbs	10
CP702	1	Coupling Clamp	8 lbs	11
CP703	1	Adjustable Pipe Adapter	22 lbs	12
CP706	1	3" Conduit Coupling	5 lbs	13
CP707	1	3½" Conduit Coupling	4 lbs	14
CP708	1	4" Conduit Coupling	3 lbs	15
CP709	1	6" Lock Pin	2 lbs	16
HS-8512	1	12" Cable Sheave with Hook	20 lbs	17
CM20	1	Metal Case with CM44 Casters	133 lbs	18



CP8000

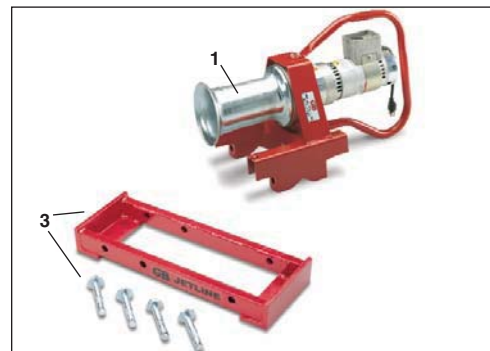
### CP8000D Includes:

Part #	Qty	Description	Weight	I.D. #
CP800	1	Power Head	60 lbs	1
CP503	2	2' Chain Assembly	3 lbs	4
CP505	3	8" Lock Pins	7 lbs	5
CP601	1	Conduit Frame Adapter	55 lbs	6
S-8512	1	12" Sheave	7 lbs	7
CM20	1	Metal Case with CM44 Casters	133 lbs	18

### CP8001 Includes:

Part #	Qty	Description	Weight	I.D. #
CP800	1	Power Head	60 lbs	1
CP80*	1	Floor Mount Kit (on following page)	33 lbs	3

\*Complete with 4¾" x 5½" concrete wedge anchors.

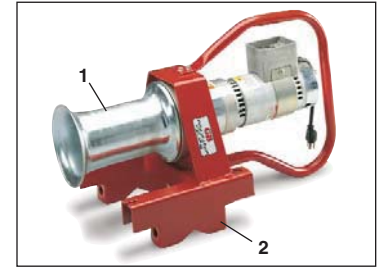


CP8001

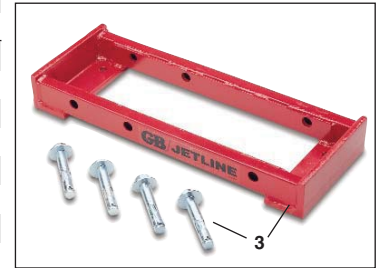
## Brutus™ Powered Puller Sub-Assembly Kits

May be purchased as additions to existing cable-puller sets.

Part #	Description	Weight	Part #	Qty	Description	Weight	I.D. #
CP800	Power Assembly	110 lbs	CP801	1	Power Head	60 lbs	1
				1	Base Mounting Bracket	50 lbs	2
CP80*	Floor Mount Kit	33 lbs	CP80	1	Floor Mount w/ Anchors	65 lbs	3
CP600	Conduit Frame & Sheave Adapter Assembly	72 lbs	CP503	2	2' Chain Assembly	3 lbs	4
			CP505	3	8" Lock Pins	7 lbs	5
			CP601	1	Conduit Frame Adapter	55 lbs	6
			S-8512	1	12" Sheave	7 lbs	7
CP630	Boom Extension Kit	22 lbs	CP622	3	10" Lock Pins	3 lbs	8
			CP631	1	Boom Extension	18 lbs	9
CP700	Puller Base Extension Kit	94 lbs	CP503	1	2' Chain Assembly	3 lbs	10
			CP505	2	8" Lock Pins	7 lbs	11
			S-8512	1	12" Sheave	7 lbs	12
			CP701	1	Puller Base Extension	25 lbs	13
			CP702	1	Coupling Clam	8 lbs	14
			CP703	1	Adjustable Pipe Adapter	22 lbs	15
			CP706	1	3" Conduit Coupling	5 lbs	16
			CP707	1	3½" Conduit Coupling	4 lbs	17
CP708	1	4" Conduit Coupling	3 lbs	18			

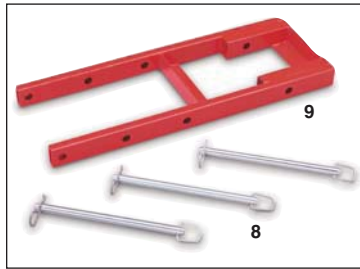


CP800



CP80

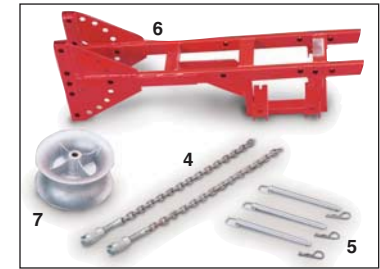
\*Complete with 4¾" x 5½" concrete wedge anchors.



CP630



CP700



CP600

## Optional Equipment

May be purchased as additions to existing cable-puller sets.

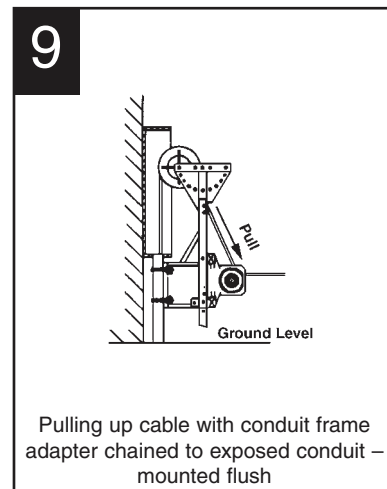
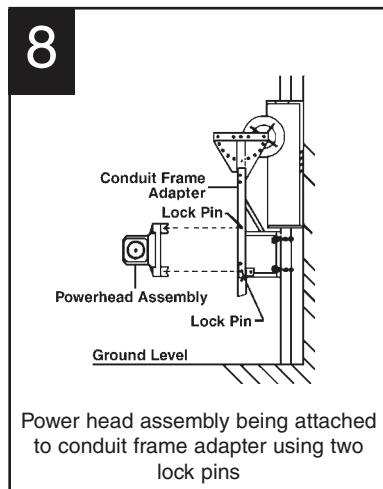
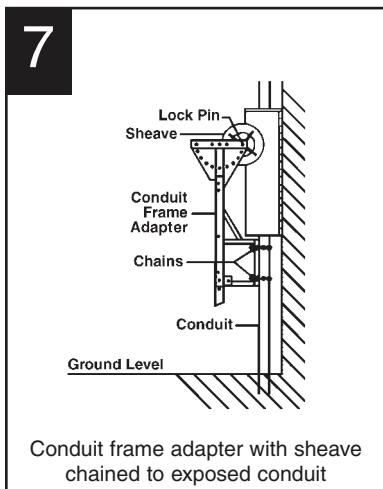
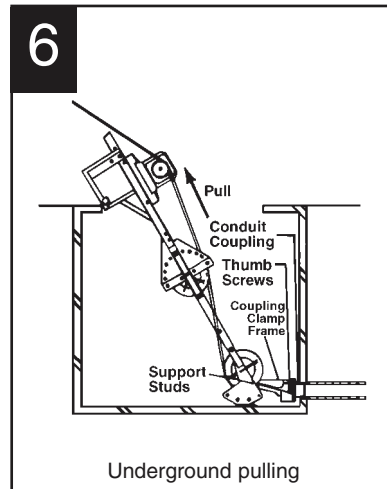
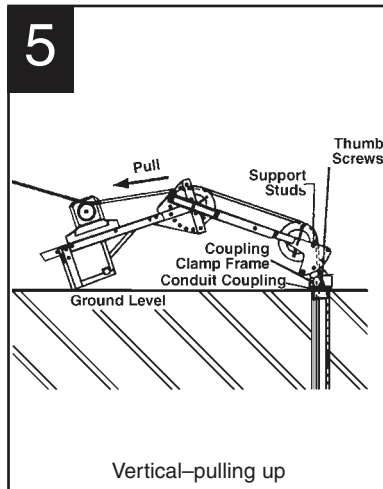
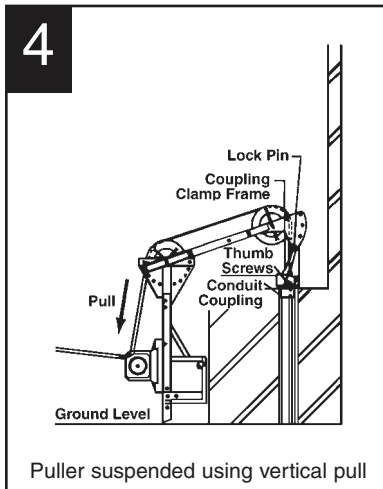
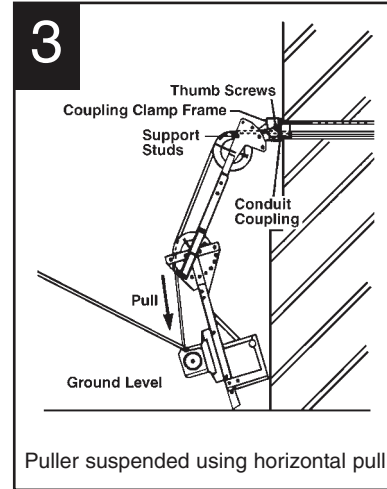
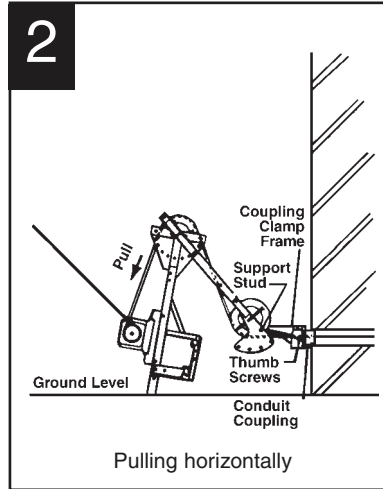
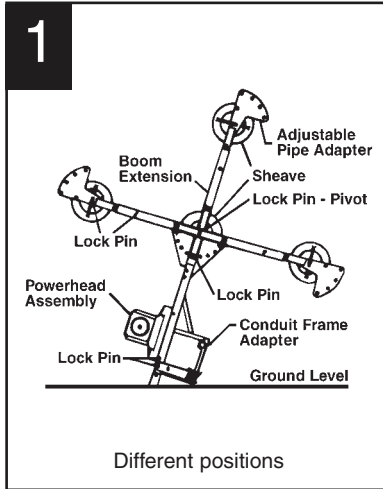
Part #	Description	Weight	I.D. #
CP709	6" Lock Pin	2 lbs	1
CP1002	Rope Steel Stand (For 300' Rope)	12 lbs	2
HS-8512	12" Cable Sheave with Hook	20 lbs	3
CM16	Metal Case with CM 44 Casters	133 lbs	-
RST-7530	Double Braided Rope (¾" x 300' spool)	54 lbs	-
RST-7560	Double Braided Rope (¾" x 600' spool)	109 lbs	-
CP10	Load Readout (meter only CA1064001)	3 lbs	4
CP15	Foot Switch for Remote Operation	4 lbs	5
CP504	6' Chain Assembly	6 lbs	6
CP704	2" Conduit Coupling	7 lbs	7
CP705	2½" Conduit Coupling	6 lbs	8
CP806	Capstan (standard) 10'/min.	7 lbs	-
CP807	Capstan (large diameter) 12'/min.	11 lbs	9



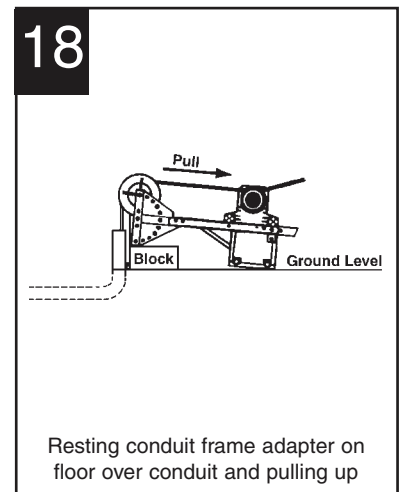
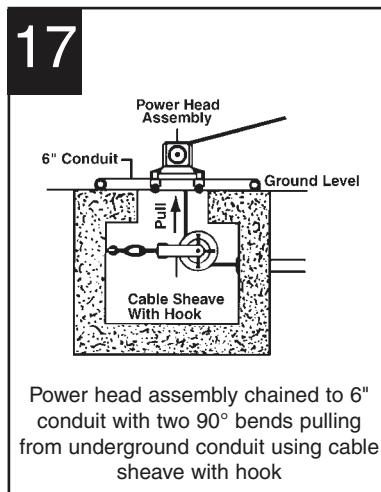
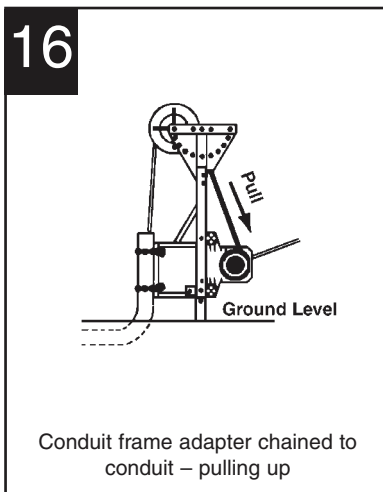
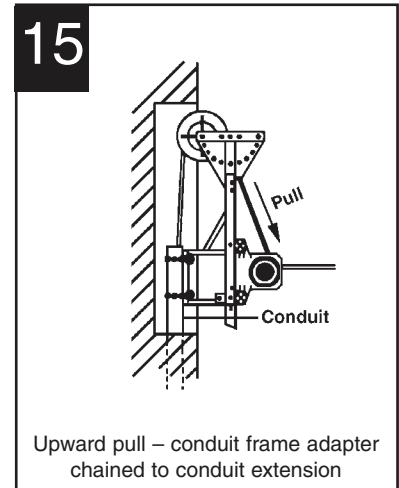
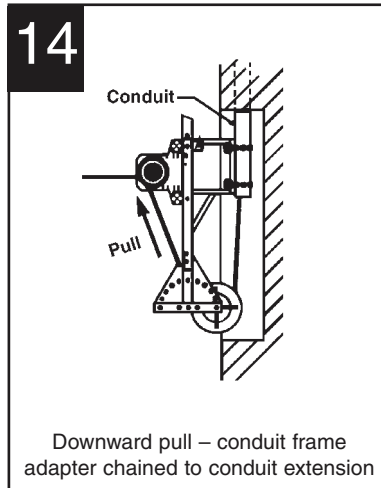
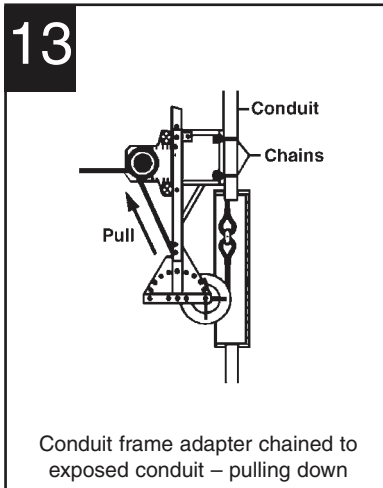
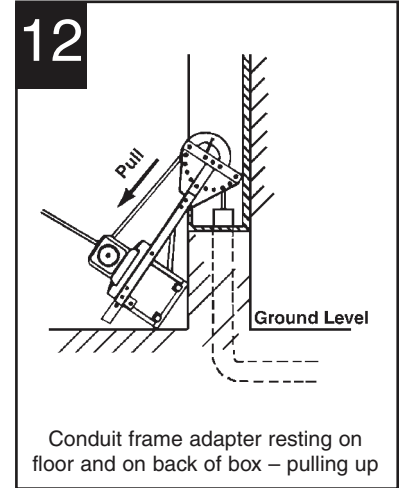
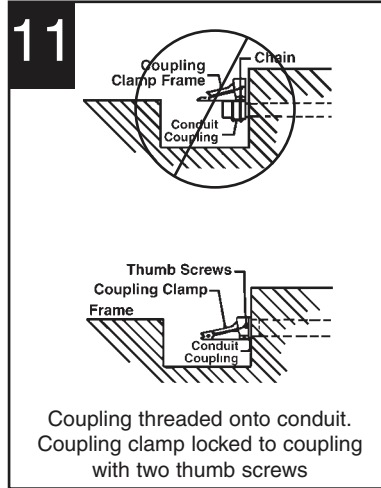
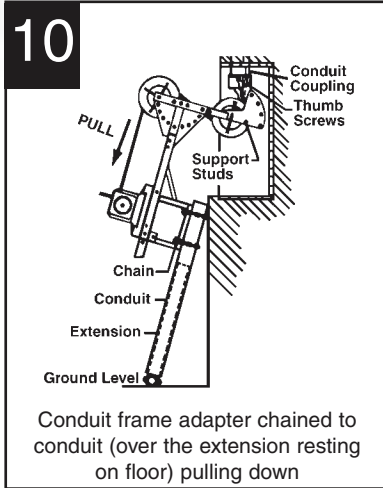
**tip:** For maximum performance and safety, use only original GB rope.

SEE PG **88** FOR MORE INFO ON **Rope**

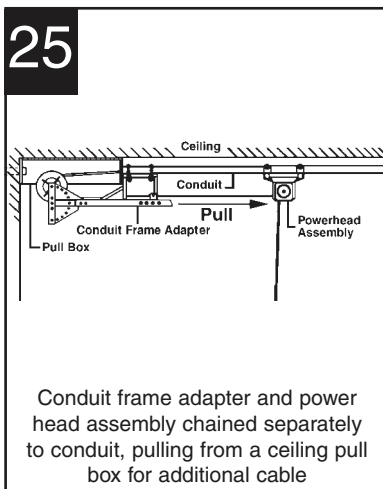
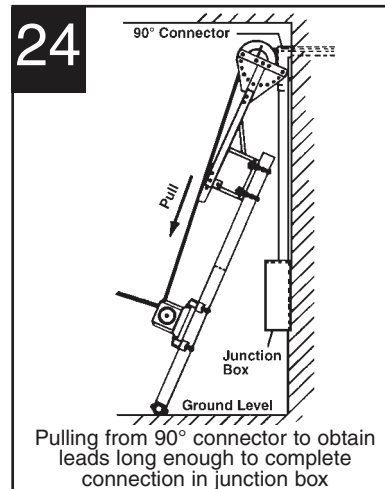
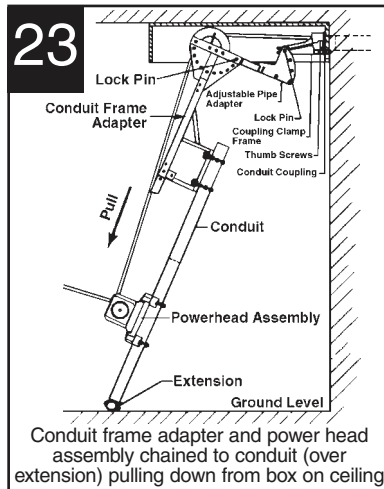
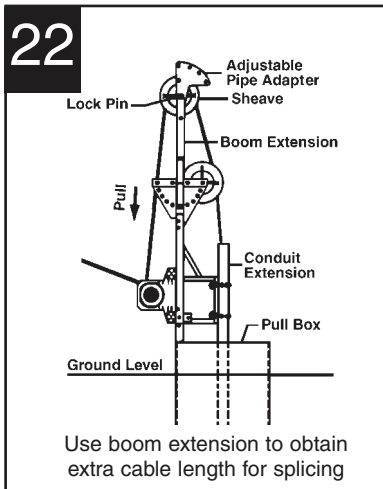
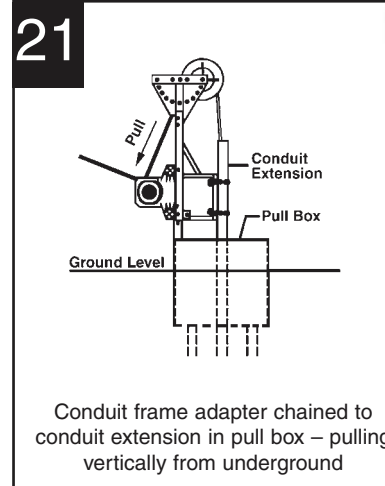
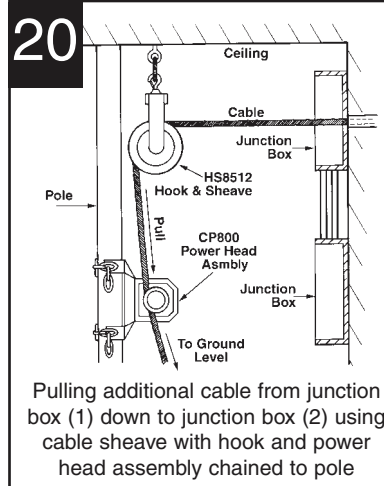
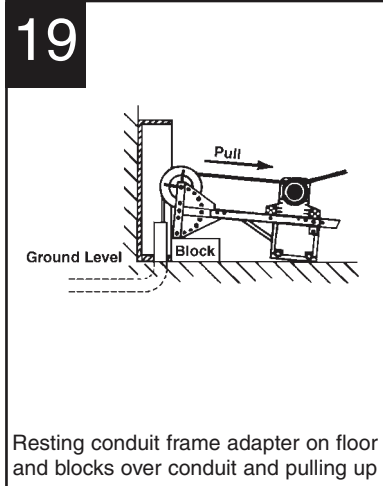
## Brutus™ Application Instructions



## Brutus™ Application Instructions



## Brutus™ Application Instructions



## Hook Sheaves

Suspends cable overhead and reduces strain on pulling equipment.

- Keeps cable together for easier manageability and enables direction of cable to be changed.
- Sheave made of rugged aluminum alloy. Hook frame made of welded steel.
- Rated at 8,000-lb capacity.

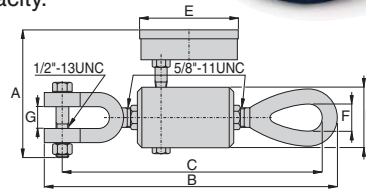


Part #	Description	Width	Dia.	Weight	Hook Only	Weight	Sheave Only	Weight
HS-8512	Hook Sheave	5"	12"	20 lbs	H-8512	13 lbs	S-8512	7 lbs
HS-8518	Hook Sheave	5"	18"	30 lbs	H-8518	20 lbs	S-8518	10 lbs
HS-8524	Hook Sheave	5"	24"	43 lbs	H-8524	29 lbs	S-8524	14 lbs

## Wire & Cable-Pulling Tension Meter

Monitors tension throughout the pull to prevent over-stressing cable. Perfect for use with powered pullers.

- Self-contained hydraulically-operated meter measures in 200-lb increments up to 10,000 lbs maximum capacity.
- Maximum-indicating pointer helps read pre-selected loads.
- ± 2% accuracy.
- Comes with certificate of calibration.
- Minimum Reading 1,000 lbs; Increments 200 lbs.



Part #	Description	Capacity	A	B	C	D	E	F	G	Weight
TM5	Tension Meter	10,000 lbs	4.75"	9.75"	9.29"	2.00"	3.69"	.88"	.75"	9 lbs

## Wire-Aide™ Wire-Pulling Lubricant

Slides on smoothly and clings throughout the pull. Modified wax-base formula dries to a slippery film.

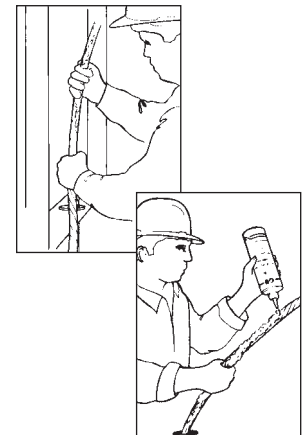
- Greaseless, non-toxic compound will not stain skin, clothing or construction trim; cleans up quickly with soap and water.
- Stable and safe to use. Withstands normal temperature extremes and will not dry out in the container. Non-combustible, non-conductive and non-corrosive.
- Will not damage conduit or insulation.
- Remains stable with multiple freeze-thaw cycles.
- Suitable for fiber-optic wire.



Part #	Container Size	Weight
79-002	1 gal. Pail	9 lbs
79-003	5 gal. Pail	42 lbs
79-006	1 qt. Squeeze Bottle	2 lbs

### Wire-Aide™ Specifications

Base	Wax, modified	Staining Properties	Non-staining to hard surfaces
Color	Yellow	Removal	Soap and hot water
Viscosity	Heavy cream-like paste	Abrasion Protection	Excellent
pH	Approx. 6.5 - 7.0	Cling Ability	Excellent
Freezing Point	28° F	Water Resistance	Repels water to some extent
Freeze-Thaw Stability	OK/3 cycles	Hardening Charac.	Non-hardening
Lubricity	Excellent	Condition on Drying	Waxy-film
Shelf Life	Indefinite	Flash Point	Non-combustible
Corrosion Test	Non-corrosive to metals		





## Poly-Gel™ Cable-Pulling Lubricant

Perfect for all types of insulation and conduit, including fiber-optic cable, cable with low-density, linear low-density polyethylene, polyurethane and semi-conducting jackets.

- Clean, clear gel, water-based for easy cleanup. Non-staining and non-toxic.
- Dries to a clear, non-conductive film for easy handling, stripping and terminating of cable. Will not gum up or harden on conduit.
- Easy and versatile to use. Apply manually or with pump.
- Workable over wide temperature range:
  - Poly-Gel™ +28 °F to +200 °F
  - All Season Poly-Gel™ -10 °F to +180 °F



Part #	Description	Container Size	Weight
79-201	Poly-Gel™	1 qt. Squeeze Bottle	2.5 lbs
79-202	Poly-Gel™	1 gal. Pail	8.75 lbs
79-203	Poly-Gel™	5 gal. Pail	42 lbs
79-301	All Season Poly-Gel™	1 qt. Squeeze Bottle	2.5 lbs

### Poly-Gel™ Specifications

Base	Poly-oxyethylene/Water
Color	Blue
Viscosity	Thick Clear Gel
pH	7.2 - 8.2
Freezing Point	28 °F
Freeze-Thaw Stability	Excellent
Lubricity	Excellent
Shelf Life	Indefinite
Corrosion Test	Non-corrosive
Staining Properties	Non-staining
Removal	Soap and water
Cling Ability	Excellent
Condition on Drying	Semi-fluid film
Flash Point	Non-combustible

### All Season Poly-Gel™ Specifications

Base	Polyethylene polymer
Color	Lime Green
Viscosity	Heavy gel-like paste
pH	Approx. 6.5 - 7.5
Freezing Point	-10 °F
Freeze-Thaw Stability	OK/3 cycles
Lubricity	Excellent
Shelf Life	Indefinite
Corrosion Test	Non-corrosive to metals
Staining Properties	Non-staining to hard surfaces
Removal	Soap and Water
Cling Ability	Excellent
Condition on Drying	Lubricious film
Flash Point	Non-combustible

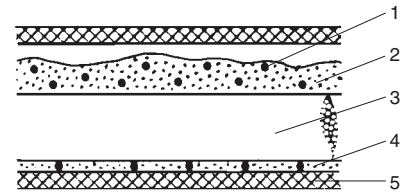
## Super-Slick™ Cable-Pulling Lubricant

Exclusive GB Micro Bead Formula rolls cable through the longest pulls.

- Lowest pulling tension. This GB lubricant innovation combines a lubricating agent with microbeads that act as miniature ball bearings to raise the cable off the conduit surface. Cable literally rolls through the run, reducing friction by an additional 30% compared to regular lubricants.
- Adheres throughout long pulls. Creates a slick film that will not rub off or dry out on long pulls or re-pulls.
- Requires up to 45% less lubricant per foot than regular lubricants, actually reducing cable-pulling costs.
- Stable under temperature extremes of 28 °F to 200 °F and withstands repeated freeze-thaw cycles.
- Harmless to skin and safe for the environment. Non-toxic, non-flammable and non-corrosive to all conduit types. Easily cleans up with water and will not stain clothing.
- Universally compatible with all cable types and jacket materials, including low-density and linear low density polyethylene, polyurethane and semi-conducting jackets.



Part #	Container Size	Weight
79-401	1 qt. Squeeze Bottle	2.5 lbs
79-402	1 gal. Jug	8.75 lbs
79-403	5 gal. Pail	42 lbs



1. Micro Beads
2. Shear-sensitive carrying agent with suspended lubricating oil
3. Cable
4. Thin film of lubricating oil
5. Conduit wall

### Super Slick™ Specifications

Base	Water	Staining Properties	Non-staining
Color	White	Removal	Water Rinse
Viscosity	2100 cps@ 50 rpm	Abrasion Protection	Excellent
pH	6.0 - 8.0	Cling Ability	Excellent
Freezing Point	30.2 °F	Hardening Charac.	Non-Hardening
Freeze-Thaw Stability	Excellent	Condition on Drying	Slick Film
Lubricity	Excellent	Flash Point	Non-Combustible
Shelf Life	Indefinite		

## Super Tuff-Pull™ Double Braided Rope

The toughest, strongest pulling rope available. Double-braided 100% polyester construction, delivers the highest working loads and tensile strength at every diameter.

- Super abrasion resistance for longer life.
- Low stretch, high strength characteristics result from exclusive manufacturing process which carefully controls yarn tension during braiding. Torque-free, non-rotating, non-kinking performance due to double-braided construction for ease of handling — wet or dry.
- Weather resistant. Will not rot or mildew.
- The 3/4" diameter rope includes a factory-spliced eye on both ends.



Part #	Size	Working Load*	Weight
RST-5030	1/2" x 300'	3,500 lbs	30 lbs
RST-5060	1/2" x 600'	3,500 lbs	61 lbs
RST-7530**	3/4" x 300'	8,000 lbs	54 lbs
RST-7560**	3/4" x 600'	8,000 lbs	109 lbs

\* Working loads are based on use with GB Cable Pullers and for the purpose of pulling wire through conduit.

\*\* Preferred for Brutus™ 8,000-lb Cable Puller.

Super Tuff-Pull™ is constructed of a jacket braided over a braided core. Double braided construction entirely shields one of the two ropes from abrasion.

## Tuff-Pull™ Single Braided Rope

Toughest, strongest single-braided rope available. Constructed of 12 strands of 100% polyester fibers braided over and under each other in a circular pattern.

- Non-rotating, non-kinking performance due to braided construction (unlike ordinary twisted rope) makes handling easy.
- Low stretch, high strength characteristics result from tension-controlled braiding process.
- Weather-resistant. Will not rot or mildew.
- The 3/4" diameter rope includes a factory-spliced eye on both ends.



Part #	Size	Working Load	Weight
RTP-3830	3/8" x 300'	1125 lbs	14 lbs
RTP-5030	1/2" x 300'	2125 lbs	21 lbs
RTP-7530	3/4" x 300'	4500 lbs	58 lbs

**tip:** Vary rope application. Reverse the rope, end-for-end. Alternate the lay of the rope around capstan and sheaves.

Store rope in clean dry area, preferably on well-ventilated racks.

Keep rope away from chemical contact or fumes.

Avoid exposing rope to extreme heat in excess of 140 °F.



Tuff-Pull™ is constructed of 12 strands of polyfibers braided over and under each other in a circular direction.

## Poly-Pro™ General Purpose Rope

Strong, durable, lightweight polypropylene general purpose rope for manual wire pulling and general construction applications (barrier rope, tie downs, tow rope, etc.).

- Resistant to mildew, rot and chemical action.

Part #	Size	Working Load	Weight
RGP-2525	1/4" x 250'	113 lbs	4 lbs
RGP-2560	1/4" x 600'	113 lbs	9 lbs
RGP-3825	3/8" x 250'	270 lbs	10 lbs
RGP-3860	3/8" x 600'	270 lbs	23 lbs
RGP-5025	1/2" x 250'	420 lbs	18 lbs
RGP-5060	1/2" x 600'	420 lbs	37 lbs
RGP-50120	1/2" x 1200'	420 lbs	66 lbs
RGP-7530	3/4" x 300'	1100 lbs	44 lbs
RGP-7560	3/4" x 600'	1100 lbs	81 lbs



**WARNING**

Not recommended for powered cable pulling.

## Rope Selection

1. Select the proper rope for the job.

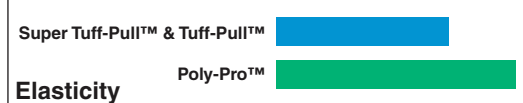
### CAUTION

Always choose a strong, durable rope with limited elasticity and long service life. The material, tensile strength and recommended working load are critical factors.

- a. **Working Load Rating** represents the maximum pulling load to which the rope should be subjected. It increases with rope diameter and is calculated for rope in good condition with appropriate splices under normal service.  
*Note: Working load guidelines are void under conditions of rapid or sudden load changes.*



- b. **Tensile Strength** is the average breaking point of new, unused rope. It gives some indication of the rope's ability to withstand sudden or shock loads. Tensile strength decreases over time as the rope is used and should *not* be relied upon as an indication of working strength.

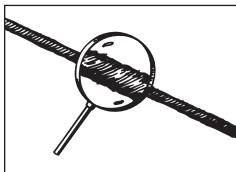


**tip:** Polyester ropes such as Tuff-Pull™ and Super Tuff-Pull™ are preferred for cable pulling because of their low elasticity, high strength and endurance.

2. Inspect the rope thoroughly before each use.

### CAUTION

Avoid using rope that shows signs of wear, such as frayed ends, broken yarns or pulled strands.

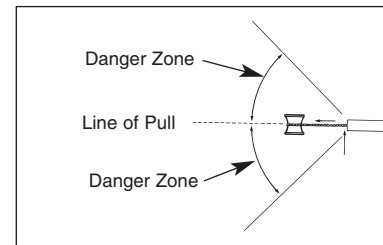


## Rope Usage

1. Always check all fittings, splices, connectors, etc. before using rope.
2. Do not stand directly in line with rope under tension.

### WARNING

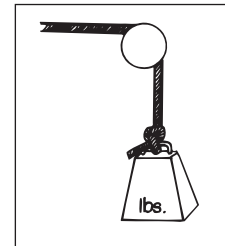
All synthetic rope under load will recoil if it, or a fitting (chain, hook, bolt, etc.) fails. The snap-back action will propel the rope - and any still attached metal fittings - at high speed. Serious injury to persons or property in the vicinity is possible.



3. Do not overload the rope.

### CAUTION

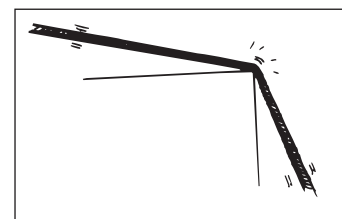
Handle loads slowly and smoothly to avoid sudden strains or shock loads which can exceed the rope's breaking strength. Such dynamic loading occurs when a load is picked up, stopped, moved or swung and may subject the rope to two or three times its normal working load.



4. Avoid abrasive conditions.

### CAUTION

Rough surfaces and sharp edges can severely damage rope. Do not pull rope over sharp bends or angles. Make sure chocks, capstans, sheaves and pulleys are free of burrs and rust and rotate freely. Keep rope surface clean. Do not drag it over rough ground; dirt and grit will work into and cut inner fibers.

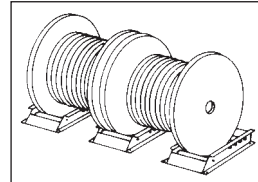


## Handy-Saver™ Reel Roller

Durable roller base that permits fast, easy loading and re-loading.

- 3000 lb capacity per pair.
- Slanted ramp permits fast, easy loading and unloading.
- Five roller slot adjustments set for wide range of reel diameters; no limit on reel widths.
- Epoxy-coated solid steel platform withstands heavy use.
- For 15" to 30" diameter reels.
- Dimensions: 26"L x 11¼"W x 4½"H.

Part #	Description	Weight
WRR-100	Handy Saver™ Reel Roller (1 ea.)	48 lbs

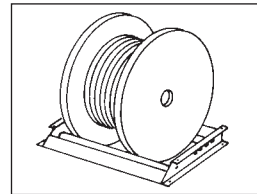


## 30" Reel Roller

Holds reels up to 30" diameter; 2000 lb capacity.

- Five roller slot adjustments to fit reel diameter.
- Epoxy-coated solid steel platform with handy loading/unloading ramp.
- Dimensions: 33½"L x 26½"W x 4½"H.

Part #	Description	Weight
WRR-300	30" Reel Roller	50 lbs



### Replacement Parts

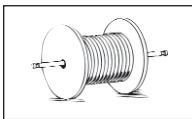
Part #	Description	Weight
WRR100259	Side Roller	1 lb
WRR1002513	Cotter Pin	.5 lb

## Telescoping Reel Jacks

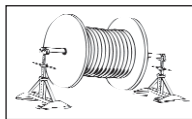
Easily set up in minutes to dispense or take up wire, cable, rope or hose.

- Adjustable jack height accommodates various reel sizes.
- Roller bearings on jack permit smooth reel rotation.
- High-strength steel construction holds up to 5000-lb reel.

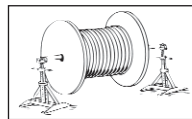
Part #	Dimensions	Jack Height Range	Reel Capacity		Weight
			Size	Weight	
TRJ-56	14½"L x 15"W	13" to 28"	28" to 56"	2500 lbs. (ea.)	25 lbs
TRJ-96	24"L x 16"W	22" to 54"	46" to 96"	2500 lbs. (ea.)	49 lbs



Insert spindle through center of reel.



Place reel jacks under each end of spindle, aligning roller bearings with spindle grooves, and raise one jack until reel end clears floor.



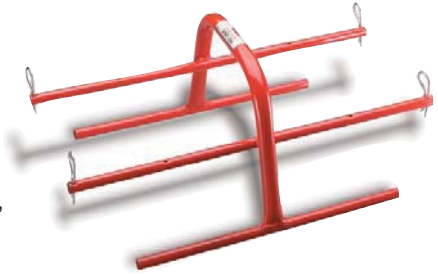
Raise opposite jack until spindle is level.

## Hand Wire Caddy

Convenient hand carrying or dispensing of small quantities of reeled wire.

- Rugged construction from  $\frac{5}{8}$ " .083 steel tubing, epoxy-coated to reduce chipping and peeling.
- Holds up to eight reels, each 7" diameter by 5" wide, or four reels, each 7" diameter by 6" to 10" wide.

Part #	Description	Dimensions	Weight
WSP-100E	Hand Caddy	22 $\frac{1}{2}$ " L x 13 $\frac{1}{2}$ " W x 9 $\frac{1}{2}$ " H	6 lbs



## Portable Wire Caddy

Maximum flexibility to dispense six 500' spools of #6 to #10 AWG or twelve 7" diameter by 5" wide wire reels at the same time.

- Durable welded square-tube steel frame to stand up to tough job-site applications.
- WSP-115 model comes with wire guide and casters.

Part #	Description	Dimensions	Weight
WSP-115	Wire Caddy with Casters	16" L x 26" W x 20 $\frac{1}{2}$ " H	8 lbs



WSP-115

## Spool Caddy Cart

Transport and dispense reels of building wire, coaxial and multi-conductor cables.

- Hand Caddy WSP-100E is included. The caddy is easily attached to and detached from cart for maximum capacity and flexibility.
- Constructed of heavy-duty, steel tubing holds up to 300 lbs.
- Semi-pneumatic steel wheels are much more durable than plastic wheels.
- Special patented channel allows up to two hand caddies to attach to cart.

Part #	Description	Dimensions	Weight
WSP-140	Spool Caddy w/ WSP-100E	22" L x 16" W x 43" H	27 lbs



WSP-140 Assembled

WSP-140 Unassembled

## Deluxe Spool Cart & Caddy Combo

WSP-145 combines Deluxe Spool Cart (WSP-144) and Hand Caddy (WSP-100) for maximum capacity and flexibility in storing and transporting wire reels.

- Hand Caddy is easily attached to and detached from cart using special, patented channel.
- Holds up to 23 500' spools or two 2,500' spools.
- Constructed of heavy-duty steel tubing holds up to 400 lbs. Durable semi-pneumatic wheels.
- WSP-144 offers five spool holders that attach in six positions to hold reel/spool combinations:
  - Ten - 23 reels, each 5" - 7" diameter and 5" - 10" wide
  - Four reels, each 10" - 12" diameter, 7" wide
  - Two reels, each 15" - 18" diameter, 14" wide

Part #	Description	Dimensions	Weight
WSP-144	Deluxe Spool Caddy	22" L x 18½" W x 43" H	28 lbs



WSP-144

## Heavy-Duty Spool Cart & Caddy Expander Combo

WSP-155 combines Heavy-Duty Spool Cart (WSP-150) and Heavy-Duty Caddy Expander (WSP-50) for storing and transporting up to 21 500' spools or four 2,500' spools.

- Constructed of heavy-duty steel tubing, holds up to 700 lbs.
- Shock-absorbing, semi-pneumatic wheels mounted on ball bearing steel rims with easy-service grease fittings.
- Dispenses THHN, THW, Romex® and other materials from horizontal or vertical position.
- Two wire guide feeders permit wire feed in any direction.
- WSP-150 has a versatile carrying capacity. Holds four reels each 10" diameter x 15" wide, or three reels, each 12" - 14" diameter, or two reels each 12" - 15" diameter x 15" wide or one 24" diameter reel 15" wide.

Part #	Description	Dimensions	Weight
WSP-150	Heavy-Duty Spool Caddy	22" L x 18½" W x 45" H	60 lbs



WSP-150

## Wire Dispenser

Capacity to handle ten 2500' spools up to 18" diameter.

- Swivels a full 360° on the base.
- All-steel construction.
- Base has two fixed and two swivel locking casters.
- Spindles are mounted at an angle to keep wire reels in proper payout position.
- Easily rolls through standard 36" door opening.

Part #	Description	Dimensions	Weight
WCM-10	Wire Dispenser	36¾" L x 31¾" W x 59¼" H	155 lbs



## Wire Caddy Replacement Parts

- Replacement parts for Gardner Bender wire caddies.



Part #	Description	For Wire Cart:	Qty	Weight
WSP144050	Spool Caddy Bars 18" L	WSP-144, WSP-140	5	1.5 lbs
WSP144010	Hex Head Bolt	WSP-144	2	.5 lb
WSP144251	R-Clips	All Caddies	10	.5 lb
WSP144253	Wheels	WSP-144	2	5 lbs
WSP144254	Axle Caps	WSP-144	2	.5 lb
WSP1502517	Spool Caddy Bars 20" L	WSP-150, WSP-155	1	4 lbs

## Portable Wire Dispenser

- Unique patented design makes carrying boxed or coiled wire easy. Dispenser spins wire straight and flat.
- Adjustable flexible legs fit all sizes of wire coils or boxes.
- Stores coils up to 50 lbs or 250' Romex®.

Part #	Description	Dimensions	Weight
740	Portable Wire Dispenser	17 <sup>5</sup> / <sub>8</sub> " Dia; 13 <sup>1</sup> / <sub>2</sub> " H	4 lbs

