



CABLEGLIDER® LW CABLE PULLER

POWER CABLE INSTALLATION



CableGlider® LW

The Condux CableGlider LW offers portability and ease of set-up, one-person operation, in a completely self-contained unit to adapt to a variety of pulling situations. It comes equipped with a one speed motor and gearbox that provides up to 3,000 lbs (13,345 N) of pulling force.

Design features include a pivoting arm, split conduit adapters and a foot switch for operator convenience and safety, it is recommended that the CableGlider LW be used with 3/8" - 1/2" (9.5 mm - 12.7 mm) diameter rope.

CableGlider LW includes the following items:

- Puller
- Foot switch
- Fork
- Canvas carrying bag

Part Number	Description
08678200	CableGlider LW (Includes: Puller, Foot Switch, Fork & Canvas Bag)



**Adapters sold separately.
See page 68.**

Specifications		
PULLING FORCE	lbs	kN
Maximum	3,000	13
PULLING SPEED	ft/min	m/min
No Load	30	9
Power Requirements		
	115 VAC @ 9 AMPS Min.	
PEAK POWER	.95 HP (.708 KW)	
GENERATOR	3500 Watt Recommended	



1" - 5" Conduit Adapters



Adapters Split for Easy Removal



Retaining Fork



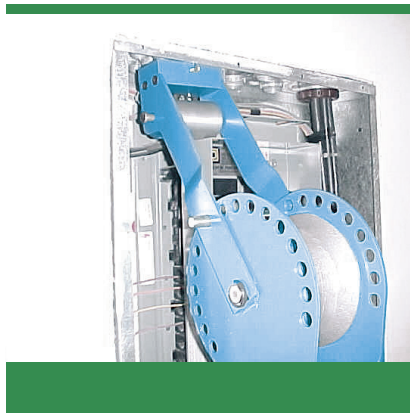
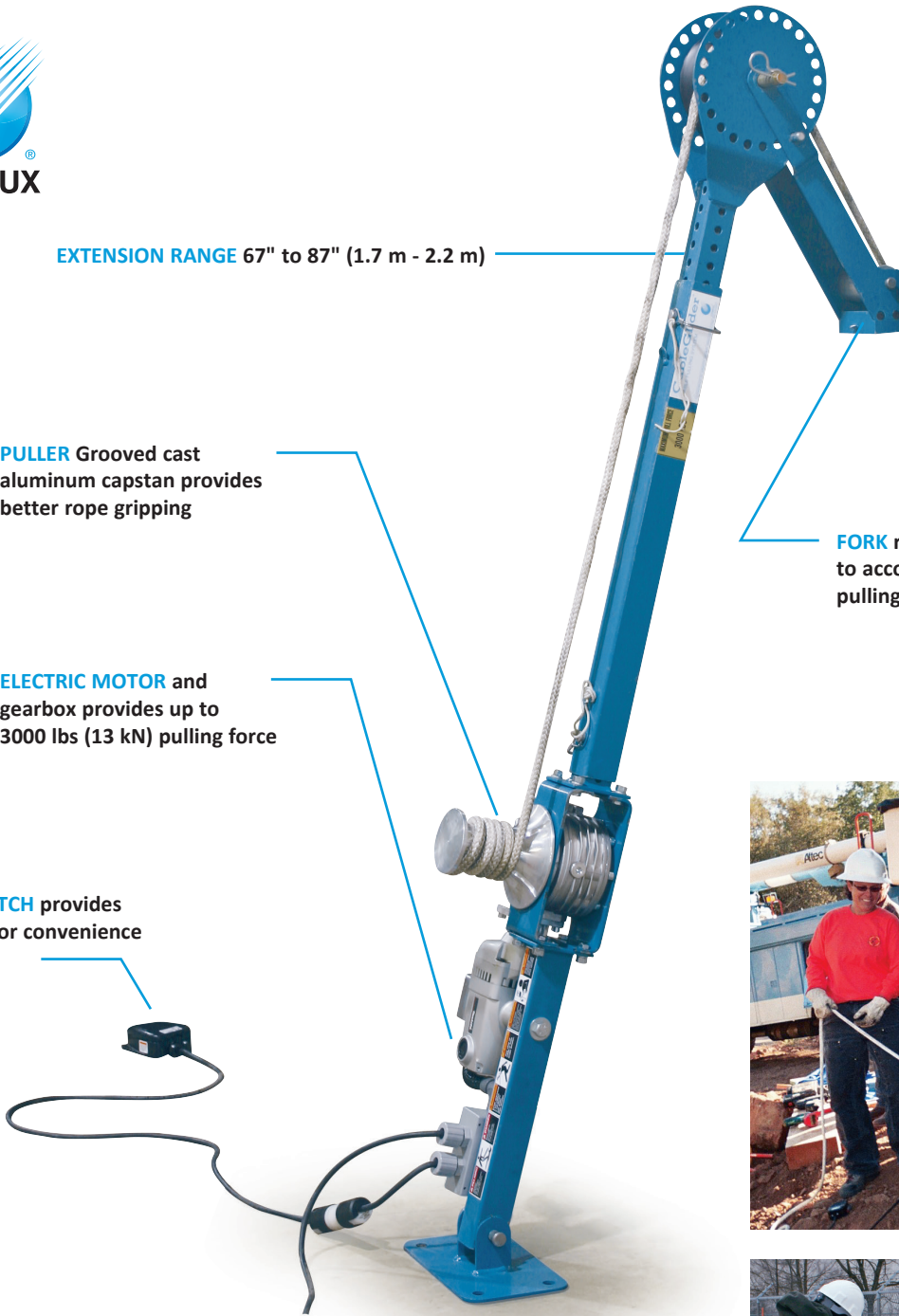
EXTENSION RANGE 67" to 87" (1.7 m - 2.2 m)

PULLER Grooved cast aluminum capstan provides better rope gripping

ELECTRIC MOTOR and gearbox provides up to 3000 lbs (13 kN) pulling force

FOOT SWITCH provides for operator convenience and safety

FORK rotates on head to accommodate different pulling situations



Can be used for Vertical or Horizontal Pulls





CABLEGLIDER® LW ACCESSORIES



CableGlider LW® Tripod

Pull an additional 5' (1.5 m) of slack with the Condux LW CableGlider Tripod.

NOTE: LW CableGlider sold separately.

Part No.	Description
08678350	3,000 lb (13,345 N) CG Tripod
08678370	3,000 lb (13,345 N) CG Tripod Retro Kit

LW Conduit Adapters

Adapters are available, which allow pulling into conduit up to 6" (152 mm). The external adapters are designed to fit the OD of the conduit, while the internal adapters, when used with the external adapters, fit the ID of the conduit. All adapters come split for easy removal.



LW External Adapters

Part Number	Description
08678240	External Adapter, 1.00" (25 mm) Conduit
08678245	External Adapter, 1.25" (32 mm) Conduit
08678250	External Adapter, 1.50" (38 mm) Conduit
08678255	External Adapter, 2.00" (51 mm) Conduit
08678260	External Adapter, 2.50" (64 mm) Conduit
08678265	External Adapter, 3.00" (76 mm) Conduit
08678270	External Adapter, 3.50" (89 mm) Conduit
08678275	External Adapter, 4.00" (102 mm) Conduit
08678300	External Adapter, 5.00" (127 mm) Conduit
08678330	External Adapter, 6.00" (152 mm) Conduit



LW Internal Adapters (Requires External Adapters)

Part Number	Description
08678276	Internal Adapter, 1.00" (25 mm) Conduit
08678277	Internal Adapter, 1.25" (32 mm) Conduit
08678278	Internal Adapter, 1.50" (38 mm) Conduit
08678279	Internal Adapter, 2.00" (51 mm) Conduit
08678280	Internal Adapter, 2.50" (64 mm) Conduit
08678281	Internal Adapter, 3.00" (76 mm) Conduit
08678282	Internal Adapter, 3.50" (89 mm) Conduit
08678283	Internal Adapter, 4.00" (102 mm) Conduit
08678303	Internal Adapter, 2.00" (51 mm) Conduit Sch 80
08678304	Internal Adapter, 3.00" (76 mm) Conduit Sch 80
08678305	Internal Adapter, 4.00" (102 mm) Conduit Sch 80
08678306	Internal Adapter, 5.00" (127 mm) Conduit Sch 80
08678324	Internal Adapter, 5.00" (127 mm) Conduit Sch 40
08678329	Internal Adapter, 6.00" (152 mm) Conduit Sch 80

For cost savings and ease of ordering, Condux has prepared kits for the CableGlider LW Adapters.

LW Adapter Kits

Part Number	Description
08678307	External Adapter Kit, 1.00-4.00" (25-127 mm) Conduit
08678320	Internal Adapter Kit, 1.00-4.00" (25-127 mm) Conduit



CABLEGLIDER® LW ACCESSORIES

LW Extension Frame

The Extension Frame is ideal for pulling in handholes and pull boxes when added reach is necessary.

Part Number	Description
08678295	Extension Frame LW Puller



LW CableGlider Amp-Type Tensiometer

Monitors pull tension based on the number of amps the motor is drawing. Useful when superior accuracy is not required (Accuracy is ±20%) Amp usage is then translated into a tension reading shown on the display.

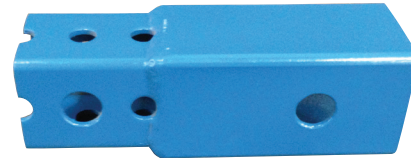
Part Number	Description
08674110	110 Volt Amp-Type Tensiometer (LW model)



Hitch Mount Adapter LW CableGlider®

Hitch Mount Adapters are a fast, easy way to mount the LW CableGlider. The Hitch Mount Adapter attaches directly into a typical 2" (51 mm) square Reese-type receiver.

Part Number	Description
08678217	LW Hitch Mount Adapter



Floor/Conduit/Pole Mount Frame LW CableGlider®

Makes it possible to attach the CableGlider power pack to the floor, steel conduit, I-beams or a wood pole. Typically used where there is limited access for overhead pulling or pulling from pole risers. Floor mounting requires 3/8" or M16 fasteners, grade 5 or better.

NOTE: 24" (610 mm) diameter maximum pole.

WARNING: CableGlider Cable Pullers are not to be used as a hoist or for lifting, supporting or transporting people or loads.

Part Number	Description
08674000	Floor/Conduit/Pole Mount Frame LW CableGlider (Complete Kit)
08674001	Brackets, LW CableGlider
08674005	Floor/Conduit/Pole Mount Frame





CABLEGLIDER® CABLE PULLERS

POWER CABLE INSTALLATION



CableGlider® STD Cable Puller

The Condux CableGlider STD Cable Puller offers portability and ease of set-up in a completely self-contained unit to adapt to a variety of pulling situations. It comes equipped with a two-speed removable power pack, providing up to 6,500 pounds (28,913 N) of pulling force at low speed. Speed changes are no problem with just a turn of a dial.

Design features include a self-tailing capstan for added stability, a pivoting arm and a foot switch for operator convenience and safety. Accepts all diameter rope (self tailing capstan accepts 5/8" (16 mm) to 7/8" (22 mm) rope only).

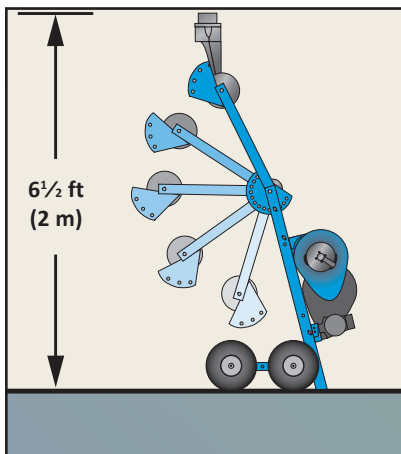
CableGlider STD includes the following items:

- Puller
- Foot switch
- Retaining Fork
- Conduit Adapters (see pg. 77) - 2", 3", 3½", 4"
- Tool box for the accessories

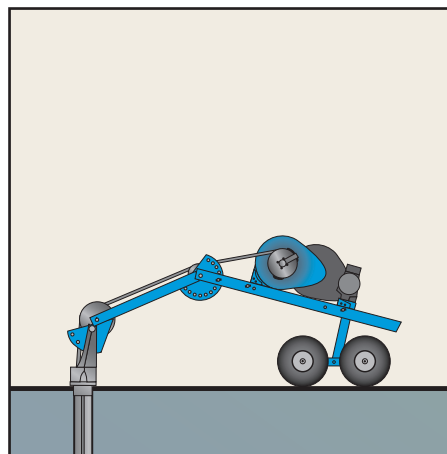
Complete Pulling Packages include additional accessories along with the items listed above.



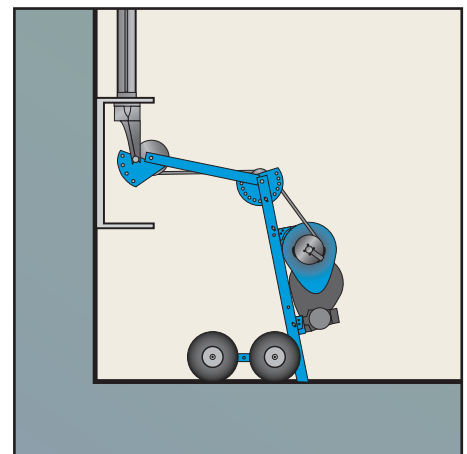
Typical CableGlider STD Applications



PIVOTING ARM



VERTICAL (UP) PULL FROM FLOOR



VERTICAL (DOWN) PULL FROM BOX



CONDEX

CABLEGLIDER® CABLE PULLERS



CableGlider STD

Part Number	Description
08610650	110 Volt Standard Cable Puller
08678025	220 Volt Standard Cable Puller*
08610650S	110 Volt Standard Cable Puller - Split Adapters
08678025S	220 Volt Standard Cable Puller - Split Adapters*

*Does not include a plug; customer must provide plug according to country code.

WARNING: CableGlider Cable Pullers are not to be used as a hoist or for lifting, supporting or transporting people or loads.

Complete Pulling Packages For CableGlider STD

Condux pulling packages offer cost savings and ordering convenience.

Part No.	Description
08674388	CableGlider STD (Package 1) <ul style="list-style-type: none"> • 110 Volt Puller with accessories • Standard Extension Frame (pg. 76) 08674940 • 600 ft. (183 m) of 5/8" (16 mm) double-braided rope (pg. 31) 08090906 • Floor/Conduit/Pole Mount Frame (pg. 75) 08674005 • 5" & 6" adapters w/retaining fork (pg. 77) 08610648 (5" adapter), 08610649 (6" adapter), 08674022 (re. fork) • Running Line Tensiometer with Chart Recorder (pg. 78) 08677350
08674388S	CableGlider STD (Package 1) Split All items listed above (08674388) included, except substitute split adapter and fork part numbers: 08611008 (5" adapter), 08611009 (6" adapter), 08611013 (re. fork)
08610686	CableGlider STD (Package 2) All items listed above (08674388) included, except substitute Running Line Tensiometer with Amp Type Tensiometer 08674100 (pg. 77)
08610686S	CableGlider STD (Package 2) Split All items listed in Package 1 Split (08674388S) included, except substitute Running Line Tensiometer with Amp Type Tensiometer 08674100 (pg. 77)



CableGlider STD Package 1

SPECIFICATIONS				
	Low Speed		High Speed	
PULLING FORCE	lbs	kN	lbs	kN
Maximum	6,500	28.9	3,500	15.6
Continuous	4,000	17.8	2,000	8.9
PULLING SPEED	ft/min	m/min	ft/min	m/min
No Load	17.5	5.3	39.2	12.0
At 2,000 lbs (8.9 kN)	13.5	4.1	18.8	5.7
At 4,000 lbs (17.8 kN)	9.5	2.9	—	—
At 6,000 lbs (26.7 kN)	7.0	2.1	—	—
Power Requirements				
08610650	115 VAC @ 10 Amps Minimum			
08678025	220 VAC @ 5 Amps Minimum			
PEAK POWER	1.9 HP (1.42 kW)			
GENERATOR	4000 Watt Recommended*			

*NOTE: Use of less than the recommended wattage generator may effect the pulling specifications listed above.

Transformer Volt Converter 4000 Watt

Use only with the STD CableGlider.

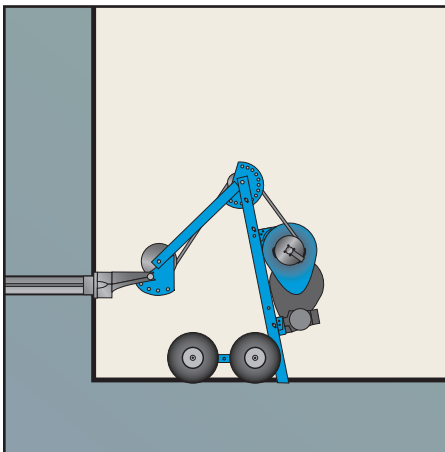
Part Number	Description
08674850	Transformer Volt Converter 4000 Watt

Features:

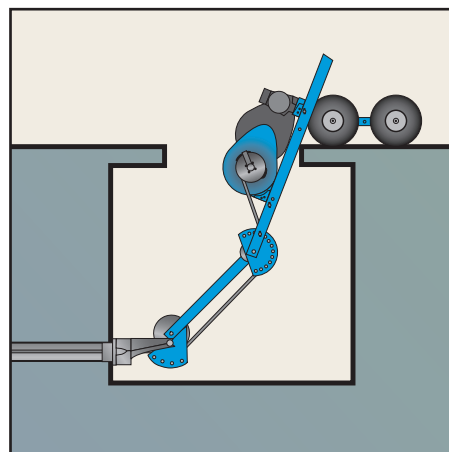
- 4000 Watt
- Heavy-Duty Continuous use Transformer
- One grounded outlet in front of unit (accepts 3 or 2 prong US and Euro Plugs)
- Converts 220/240 Volts down to 110/120 Volts
- Built-In Fuse Protection
- Hard-Wire with European Shucko Plug also good for Asian Outlets

POWER CABLE ISNTALLATION

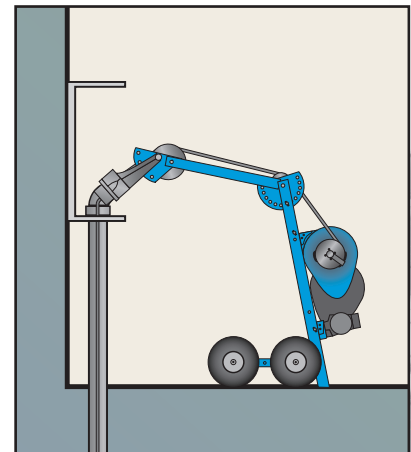
Typical CableGlider STD Applications



HORIZONTAL PULL



HORIZONTAL VAULT PULL



VERTICAL PULL WITH 45° ELBOW



CABLEGLIDER® CABLE PULLERS



CableGlider® HD Cable Puller

The Condux CableGlider HD is specially designed to provide maximum pulling power for longer runs in a completely self-contained unit. It offers fast set-up, portability and is easily adaptable for a variety of pulling situations.

The removable power pack delivers up to 12,000 lbs (53,379 N) of pulling force at low speed—over 80% more than our STD puller. The two-speed motor pulls up to 30 ft/min (9 m/min) at high speed and up to 15 ft/min (4.5 m/min) at low speed.

The CableGlider HD comes with a heavy-duty frame and extra pivoting arm. The front frame height can easily be adjusted with pins.

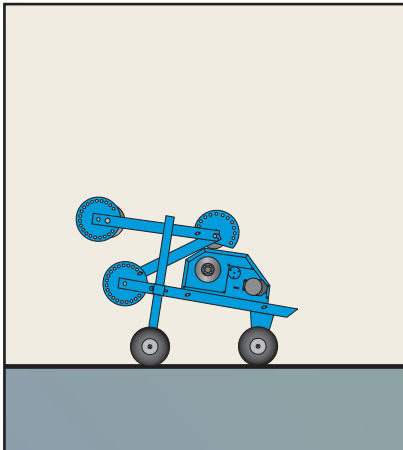
CableGlider HD includes the following items:

- Puller
- Foot switch
- Retaining Fork
- Conduit Adapters (see pg. 77) - 2", 3", 3½", 4"
- Tool box for the accessories

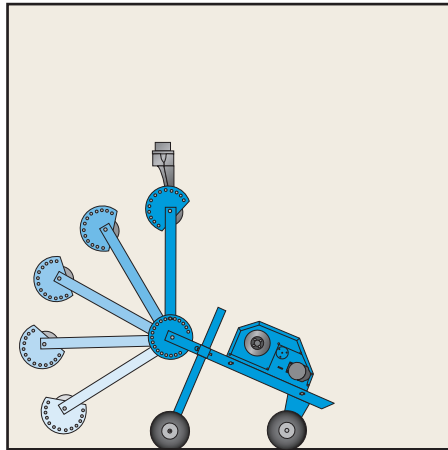
Complete Pulling Packages include additional accessories along with the items listed above.



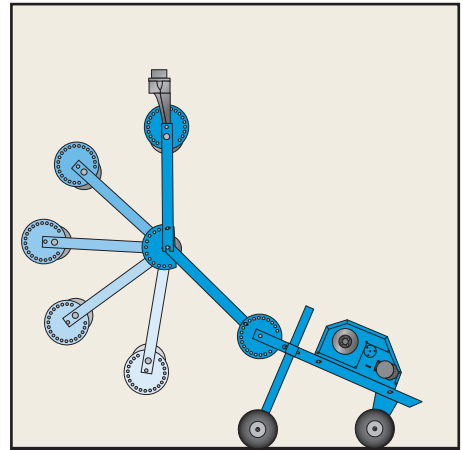
Typical CableGlider HD Applications



TRANSPORT POSITION



FIRST PIVOTING ARM



SECOND PIVOTING ARM



CONDEX

CABLEGLIDER® CABLE PULLERS



CableGlider HD

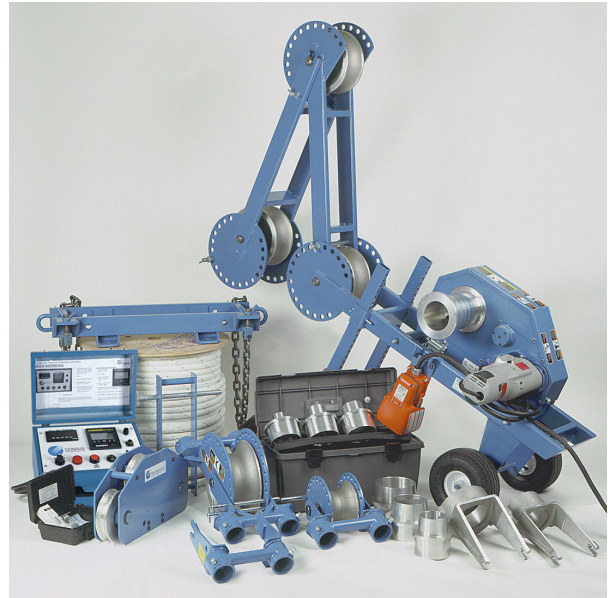
Part Number	Description
08674500	110 Volt HD Cable Puller with 20 amp twist plug
08674500S	110 Volt HD Cable Puller with 20 amp twist plug - Split Adapters

WARNING: CableGlider Cable Pullers are not to be used as a hoist or for lifting, supporting or transporting people or loads.

Complete Pulling Packages For CableGlider HD

Condux pulling packages offer cost savings and ordering convenience.

Part No.	Description
08674689	CableGlider HD (Package 1) <ul style="list-style-type: none"> • 110 Volt Puller with accessories • HD Extension Frame (pg. 76) 08674960 • 600 ft. (183 m) of 7/8" (22 mm) double-braided rope (pg. 31) 08091106 • Floor/Conduit/Pole Mount Frame (pg. 75) 08674010 • 5" & 6" adapters w/retaining fork (pg. 77) 08610648 (5" adapter), 08610649 (6" adapter), 08674022 (re. fork) • Running Line Tensiometer with Chart Recorder (pg. 79) 08677360
08674689S	CableGlider HD (Package 1) Split All items listed above (08674689) included, except substitute split adapter and fork part numbers: 08611008 (5" adapter), 08611009 (6" adapter), 08611013 (re. fork)
08674688	CableGlider HD (Package 2) All items listed above (08674689) included, except substitute Running Line Tensiometer with Amp Type Tensiometer 08674501 (pg. 77)
08674688S	CableGlider HD (Package 2) Split All items listed in Package 1 Split (08674689S) included, except substitute Running Line Tensiometer with Amp Type Tensiometer 08674501 (pg. 77)



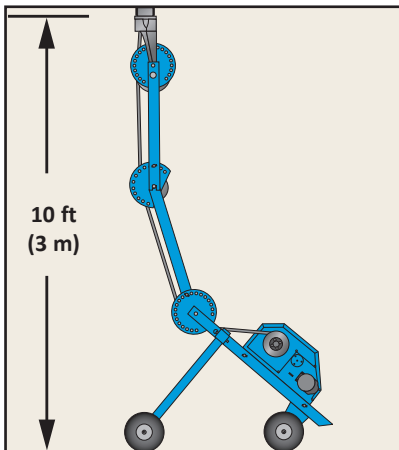
CableGlider HD Package 1

POWER CABLE ISNTALLATION

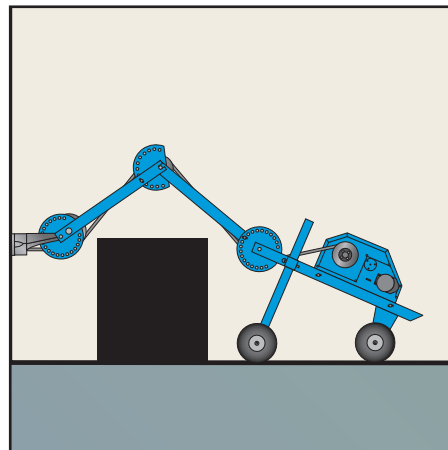
SPECIFICATIONS				
	Low Speed		High Speed	
PULLING FORCE	lbs	kN	lbs	kN
Maximum	12,000	53.4	6,000	26.7
Continuous	6,500	28.9	4,000	17.8
PULLING SPEED	ft/min	m/min	ft/min	m/min
No Load	20.1	6.1	40.9	12.5
At 4,000 lbs (17.8 kN)	14.5	4.4	26.5	8.1
At 6,000 lbs (26.7 kN)	11.2	3.4	—	—
At 10,000 lbs (44.5 kN)	9.4	2.9	—	—
Power Requirements				
08674500	115 VAC @ 20 Amps Min.			
PEAK POWER	4.7 HP (3.50 kW)			
GENERATOR	8000 Watt Recommended*			

*NOTE: Use of less than the recommended wattage generator may effect the pulling specifications listed above.

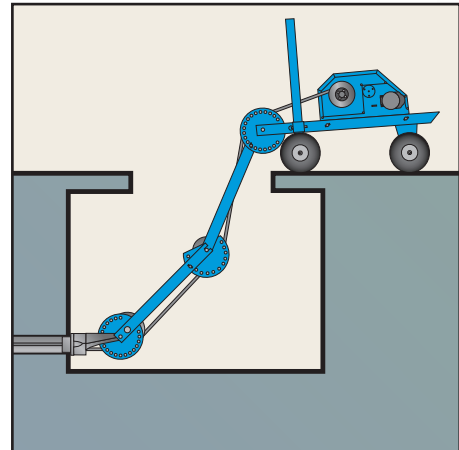
Typical CableGlider HD Applications



VERTICAL OVERHEAD PULL



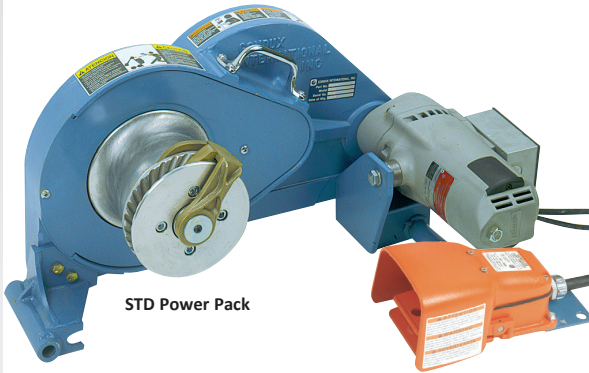
HORIZONTAL PULL
OVER OBSTRUCTION



HORIZONTAL VAULT PULL



CABLEGLIDER® POWER PACKS & ACCESSORIES



STD Power Pack



HD Power Pack

Power Packs

As an added measure of versatility and convenience, the Condux CableGlider® Power Packs can be purchased separately without the standard base frames provided with the CableGlider Cable Pullers. The power packs provide the same pulling capacities as the CableGlider Cable Pullers (see pages 70 to 73) and can be used on the Floor Mount Frame or the Floor/Conduit/Pole Mount Frames listed on page 75.

WARNING: CableGlider Cable Pullers are not to be used as a hoist or for lifting, supporting or transporting people or loads.

Part Number	Description
08610860	110 Volt STD Cable Puller Power Pack and Foot Control
08674680	110 Volt HD Cable Puller Power Pack and Foot Control
08610900	220/240 Volt STD Cable Puller Power Pack (EU Plug) and Foot Control
08610900-AU	220/240 Volt STD Cable Puller Power Pack (AU Plug) and Foot Control



Adjustable Manhole Adapter

Designed to work with CableGlider Cable Pullers, the Condux Adjustable Manhole Adapter allows greater stability and versatility for manhole pulls. The rugged aluminum frame provides an adjustable platform to fit 18" (457 mm) to 46" (1,168 mm) manholes.

Use the frame to position a cable puller above a manhole. Installation is easy, the fit is secure, and the strength is a maximum 12,000 lbs. (53,379 N).

Part Number	Description
08674750	Adjustable Manhole Adapter (comes standard with 4" plate)
08674752	6" Plate - Required when using 6" retaining fork (page 77)



CABLEGLIDER® ACCESSORIES

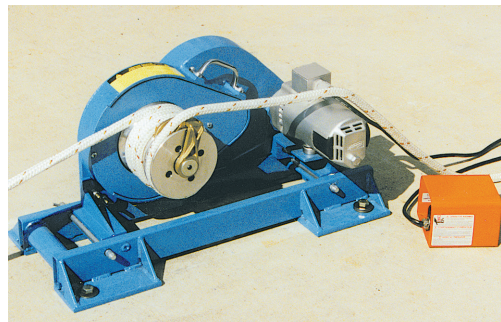


Floor Mount Frame

Fastens to the floor of a vault, manhole, or utility room. The power pack easily pins to the frame. Requires 5/8" or M16 fasteners, grade 5 or better.

WARNING: CableGlider Cable Pullers are not to be used as a hoist or for lifting, supporting or transporting people or loads.

Part Number	Description
08610620	Floor Mount Frame (STD model)
08674595	Floor Mount Frame (HD model)



Floor/Conduit/Pole Mount Frame

Makes it possible to attach the power pack to the floor, steel conduit, I-beams or a wood pole. Typically is used where there is limited access for overhead pulling or pulling from pole risers. Floor mounting requires 5/8" or M16 fasteners, grade 5 or better.

NOTE: 24" (610 mm) diameter maximum pole.

WARNING: CableGlider Cable Pullers are not to be used as a hoist or for lifting, supporting or transporting people or loads.

Part Number	Description
08674005	Floor/Conduit/Pole Mount Frame (STD model)
08674010	Floor/Conduit/Pole Mount Frame (HD model)

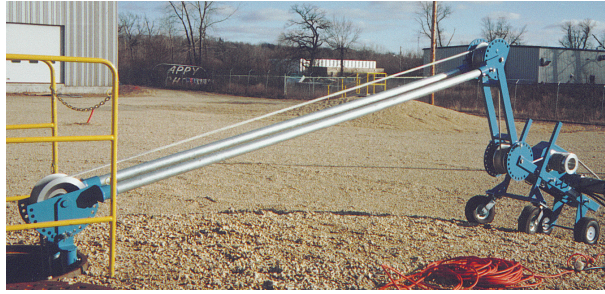


POWER CABLE ISNTALLATION





CABLEGLIDER® ACCESSORIES

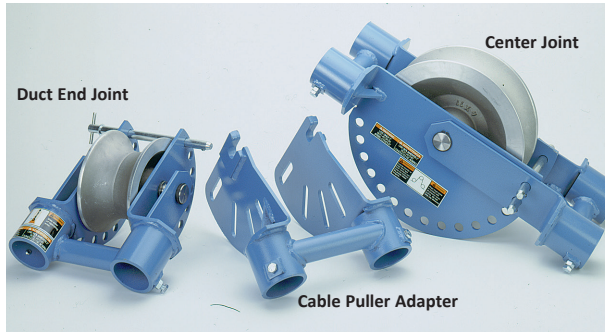


Extension Frame

Productivity reaches a new level with the Condux CableGlider® Cable Puller Extension Frame. Using only a few modular components, difficult pulling situations can have easy solutions.

Ideal for cable pulling in deep manholes where added reach is necessary. Also, high overhead ducts can be reached without compromising the stability of the cable puller.

Pull slack with the Extension Frame when extra reach is not needed. It actually adds length to the conduit run, allowing the cable puller to be positioned further back and more cable (slack) to be pulled through.

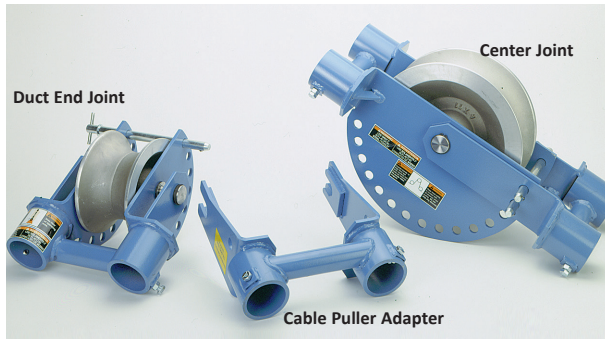


Extension Frame Kit for CableGlider STD Model

Extension Frames are available in kits that configure to Condux CableGlider Standard and Heavy Duty Cable Pullers. Each kit contains:

- Cable Puller Adapter
- Center Joint
- Duct End Joint

Steel duct (2" Sch 40 GRC) not included.



Extension Frame Kit for CableGlider HD Model

Extension Frame Kits

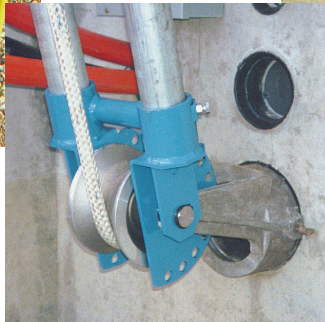
Part Number	Description
08674940	Kit for CableGlider STD model
08674960	Kit for CableGlider HD model

Replacement Parts/Individual Components

Part Number	Description
08674928	Puller Adapter for CableGlider STD model
08674927	Puller Adapter for CableGlider HD model
08674916	Center Joint for CableGlider STD and HD models
08674901	Duct End Joint for CableGlider STD and HD models



Center Joint



Duct End Joint



Cable Puller Adapter





CABLEGLIDER® ACCESSORIES



POWER CABLE ISNTALLATION

Conduit Adapters

Additional adapters are available which allow pulling into conduit up to 6" in size. The 5" and 6" adapters require the use of an optional retaining fork.

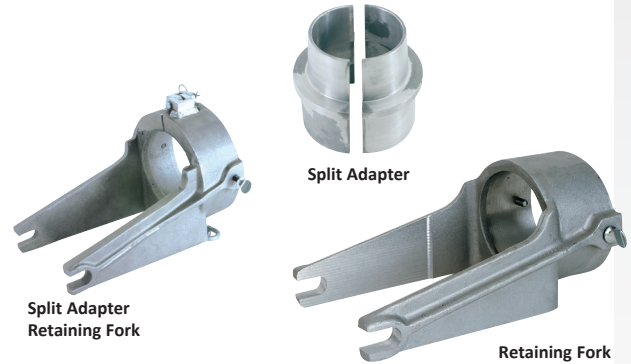
Adapters for 2", 3", 3½", and 4" conduit are included in a tool box that comes standard with all cable pullers. Order additional adapters separately below, or order a complete toolbox.

Duct Size (in)	Straight Adapter Part Number	Split Adapter Part Number
1¼	08610642	08611001
1½	08610623	08611002
2	08610643*	08611003+
2½	08610647	08611004
3	08610644*	08611005+
3½	08610645*	08611006+
4	08610646*	08611007+
5	08610648	08611008
6	08610649	08611009



Accessories

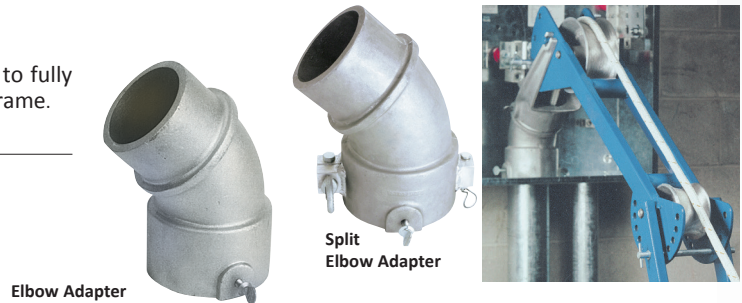
Part #	Description
02276000*+	Tool box only for accessories
08674021*	Retaining fork for 2"-4" conduit adapters
08611012+	Split adapter retaining fork for 2"-4" conduit adapters
08674022	Retaining fork for 5"-6" conduit adapters
08611013	Split adapter retaining fork for 5"-6" conduit adapters
08674017	Complete tool box. Includes all six (*) items above
08611020	Complete tool box for split adapters. Includes all six (+) items above



Elbow Adapter

Use in junction or meter boxes. Allows the conduit adapter to fully seat when there isn't room for the retaining fork and puller frame.

Part Number	Description
08674014	4" 45° Elbow adapter
08611011	4" 45° Split Elbow adapter



Extension Cords

Part Number	Description
08677325	120 Volt, 20 Amp twist 25' (7.6 m) Extension cord
08677330	120 Volt, 20 Amp twist 100' (30 m) Extension cord



Amp-Type Tensiometer

Monitors pull tension based on the number of amps the motor is drawing. Useful when superior accuracy is not required (Accuracy is ±20%). Amp usage is then translated into a tension reading shown on the display.

Part Number	Description
08674100	110 Volt Amp-Type Tensiometer (STD model)
08674501	110 Volt Amp-Type Tensiometer (HD model)
08674502	220/240 Volt Amp-Type Tensiometer (STD model)
08674502-AU	220/240 Volt Amp-Type Tensiometer AU (STD model)





RUNNING LINE TENSIO METER



Running Line Tensiometer

The Condux Running Line Tensiometer, used with the Condux CableGlider® Cable Pullers will give accurate measurements of the force exerted on a cable as it is installed. It consists of two components: Mechanical Sensing Unit (which mounts directly to the cable puller) and the Electronic Control Box.

The unit will accommodate pull tape and rope up to and including 7/8" diameter with an accuracy of ±5% of full scale. Load handling capabilities and other specifications are determined by the model used.

Mechanical Sensing Unit

Mounts easily to the cable puller frame with a mounting bracket and pin. The Condux Running Line Tensiometer's Mechanical Sensing Unit permits rope installation without disassembly of the unit.

Electronic Control Box

Features large LED Display and Paperless Recorder with trend display. Paperless Recorder includes: Trend Display, CompactFlash™ card slot with 64MB Flash Card, and USB interface. A programmable overload set point has both an audible and visual indication of an overload condition. The Electronic Control Box also has the capability to disengage the cable puller if an overload occurs.

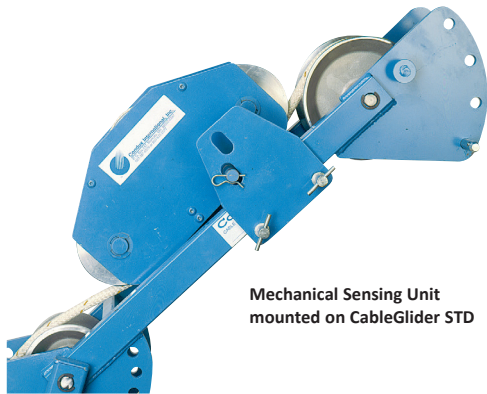
Running Line Tensiometer, CableGlider STD

Measures loads of 0 to 6,500 lbs. (0 to 28,913 N) with an accuracy of ±325 lbs. (1,446 N).

Units comes standard with the following:

- Mechanical Sensing Unit
- ECB with these standard features:
 - o Large LED readout
 - o Paperless recorder with Trend Display, Compact Flash Drive™ with 64MB Flash Card
 - o USB Interface
- Load Cell and Cord
- Mounting Hardware
- Card Reader and Software

NOTE: For recalibrating, please call 1-800-533-2077, for RMA.



Mechanical Sensing Unit mounted on CableGlider STD



Part Number	Description
08677350	110 Volt RLT for CableGlider STD w/data recorder



CONDEX

RUNNING LINE TENSIO METER

Running Line Tensiometer, CableGlider HD

Measures loads of 0 to 12,000 lbs. (0 to 53,379 N) with an accuracy of ±600 lbs. (2,669 N).

Units comes standard with the following:

- Mechanical Sensing Unit
- ECB with these standard features:
 - o Large LED readout
 - o Paperless recorder with Trend Display, Compact Flash Drive™ with 64MB Flash Card
 - o USB Interface
- Load Cell and Cord
- Mounting Hardware
- Card Reader and Software

NOTE: For recalibrating, please call 1-800-533-2077, for RMA.

Part Number	Description
08677360	110 Volt RLT for CableGlider HD w/chart recorder
08677365	110 Volt RLT for CableGlider HD w/chart recorder and nylatron rollers

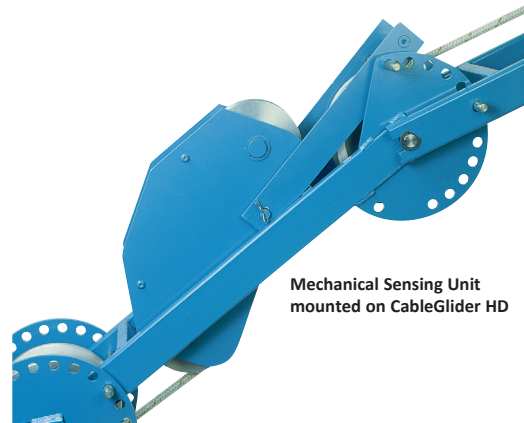
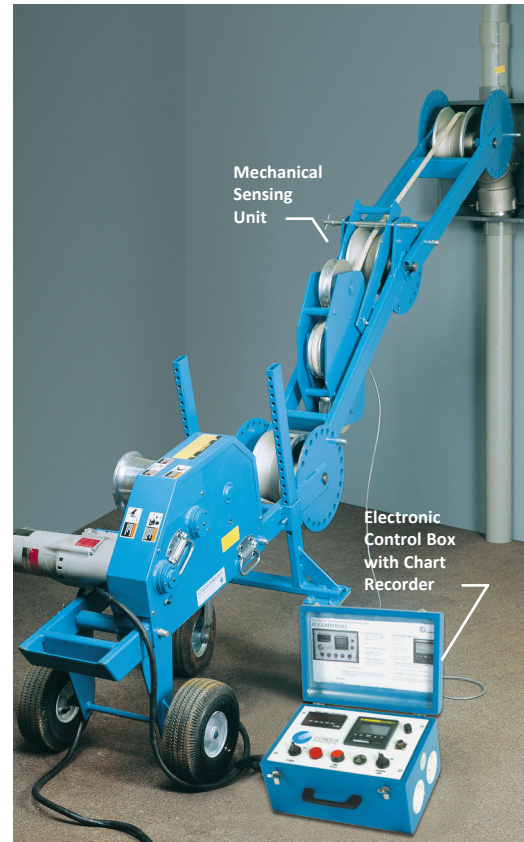
Replacement Mechanical Sensing Units

Part Number	Description
08677373	Mechanical Sensing Unit for STD
08677374	Mechanical Sensing Unit for HD

Remote Mount Stand for Mechanical Sensing Unit

Required for use of the Running Line Tensiometer when the power pack is not mounted to the standard frame, such as when floor-mounted (pg. 75).

Part Number	Description
08677385	Remote Mount Stand for Mechanical Sensing Unit



Running Line Tensiometer Electronic Control Box



Paperless Chart Recorder with Flash Drive and USB Interface



THE BLUE OX™ CABLE PULLER

POWER CABLE INSTALLATION

The Blue Ox™ Cable Puller

Combining years of experience, field research and end user feedback, The Condux Blue Ox™ Cable Puller has been designed to excel in the most demanding utility applications. Featuring 8,500 lbs of continuous pull force, a heavy duty steel frame and hydraulically controlled boom and outriggers, The Blue Ox does not require the arm to be supported during pulling operations. The extendable - up to 90" - steel boom arm boasts 150° of lateral adjustment, providing easy access in even the most confined areas.

Part Number	Description
08773001	The Blue Ox Cable Puller without Compressor
08775500	The Blue Ox Cable Puller with Compressor

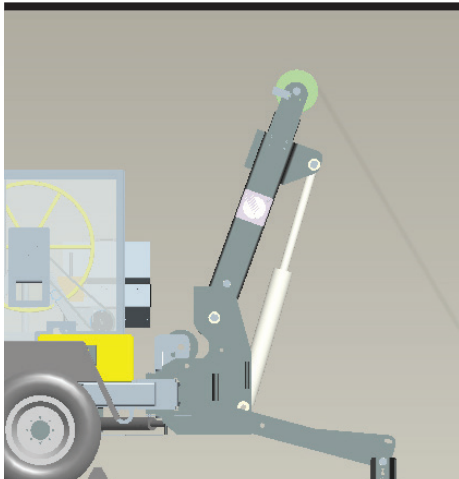
NYLATRON* ROLLERS have a super-hard surface and last longer than conventional cast rollers.

*Nylatron is a registered trademark of DSM.

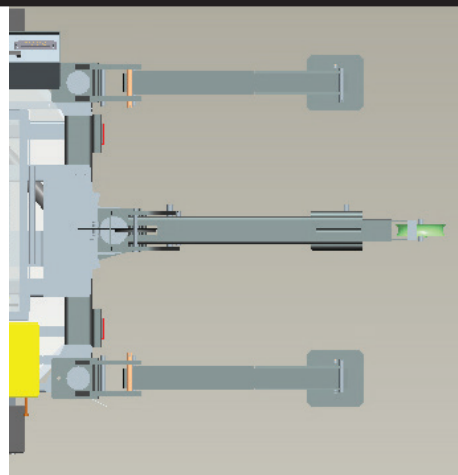
HEAVY DUTY Outriggers for maximum stability

SELF SUPPORTED BOOM ARM 150° lateral movement and 85° vertical movement.

ANTI-TWIST ROPE 3,000' of 3/8" rope comes standard with The Blue Ox.



The Boom Arm features the ability to pull 85° from the manhole; eliminating the need for an A-Frame.



Outriggers allow The Blue Ox to pull directly over the hydraulics without being hooked to a tractor or a truck.



THE BLUE OX™ CABLE PULLER



POWER CABLE ISNTALLATION

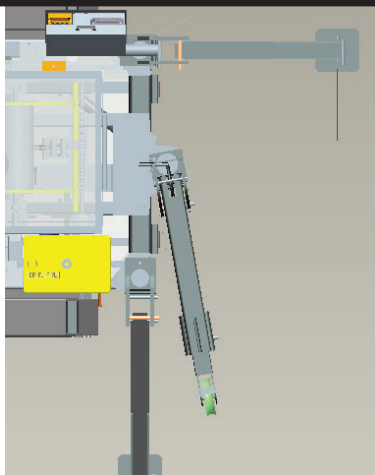
OIL COOLER Hydraulic puller units with oil cooler provide a smooth operation throughout the pull.

TOOL BOX Fully enclosed unit to store any necessary tools for the jobsite.

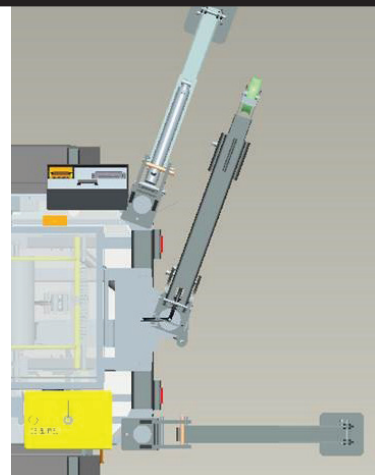
ELECTRONIC BRAKING SYSTEM with a 7 pin round connector

TOOL CIRCUIT for running additional hydraulic tools.

HYDRAULIC JACKS are easy to use and improve set up time.



The combination of the outrigger and the boom arm allows for easy pulling 75° from the right or left of center





THE BLUE OX™ CABLE PULLER

POWER CABLE INSTALLATION



7" COLOR DISPLAY
gives all of the information
you need during the pull



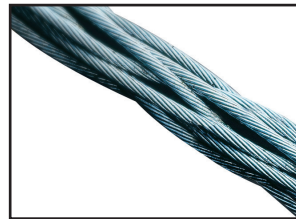
WIRELESS REMOTE
with 50' range provides
flexibility for the installer.

Control Box

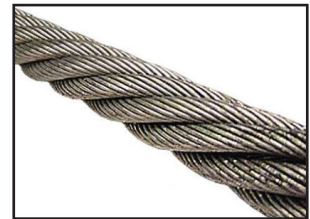
- Real Time Tension Monitoring
- Downloadable Pull Data
- Wireless/Bluetooth Remote Control

Replacement Rope

Part Number	Description
08771275	3/8" x 2450' Antitwist Rope with woven eye
08773112	3/8" x 3000' Antitwist Rope with woven eye
08773189	3/8" x 2600' IWRC 6x25 Rope with eye
08773190	3/8" x 3000' IWRC 6x25 Rope with eye
08773196	3/8" x 3600' IWRC 6x25 Rope with eye



Antitwist Rope



IWRC Rope

Replacement Parts

Part Number	Description
02291362	Hitch Pin (Outrigger - up/down)
08772016	Clevis Pin with Cotter Pin (Outrigger - left/right)
08772017	Clevis Pin with Cotter Pin (Boom Arm)
08773084	Clevis Pin with Cotter Pin (Foot pin)
08773317	Levelwind Brass Pawl
08773020	Remote and Receiver Kit
02292756	Replacement Remote Only (requires original black chip)
08773110	18gal Fuel Tank Upgrade Kit (to aluminum tank)

For a list of replacement filters, visit condux.com



THE BLUE OX™ CABLE PULLER



POWER CABLE ISNTALLATION

THE BLUE OX™ CABLE PULLER SPECIFICATIONS		
	Standard	w/Compressor
Performance		
Maximum Line Pull (lbs)	8,500	
Maximum Speed (fpm)	175	
Engine		
Engine Type	Diesel	
Horsepower	49	74
Electrical System	12 volt	
Fuel Tank (g)	18	22
Bullwheel		
Dimensions	8 inch diameter with 7 grooves	
Rope Reel w/Built in Level Wind		
Antitwist Rope	3000 feet of 3/8 inch	
Hydraulics		
Tool Circuit	7 gpm @ 2000 psi	
Dimensions		
Width	95 inches	
Height	108 inches	
Length	192 inches	
Weight	9,000 Pounds (Wet)	10,500 Pounds (Wet)
Axle	Single	
Air Compressor		
Velocity	210 cfm @ 125 psi	
Compressor Hose with Couplings	3/4" x 50' air hose reel	





APS75 CABLE PULLER

POWER CABLE INSTALLATION

APS75 Cable Puller

The Condux APS75 Hydraulic Underground Cable Puller provides up to 7,500 lbs of continuous pulling power to tackle some of the toughest pulling applications.

Designed for installing underground cable, the APS75 is completely self-contained and transports easily from jobsite to jobsite. Features like antitwist rope, digital monitoring, a rotating pulling arm and wired remote control make the APS75 an economical choice to meet a wide array of underground cable pulling needs.

The APS75 is precision manufactured to the highest standards. Each puller is backed with years of underground cable pulling experience and a commitment to quality customer service.

Part Number	Description
08773501	APS75 w/Hydraulic Arm & Jacks
08773502	APS75 w/Compressor & Hydraulic Arm & Jacks

Air Compressor Unit



The APS75 is available with a 185 CFM @ 100 PSI air compressor. The air compressor unit comes with the same standard features as the non-compressor unit.

NYLATRON* ROLLERS

have a super-hard surface and last longer than conventional cast rollers.

*Nylatron is a registered trademark of DSM.

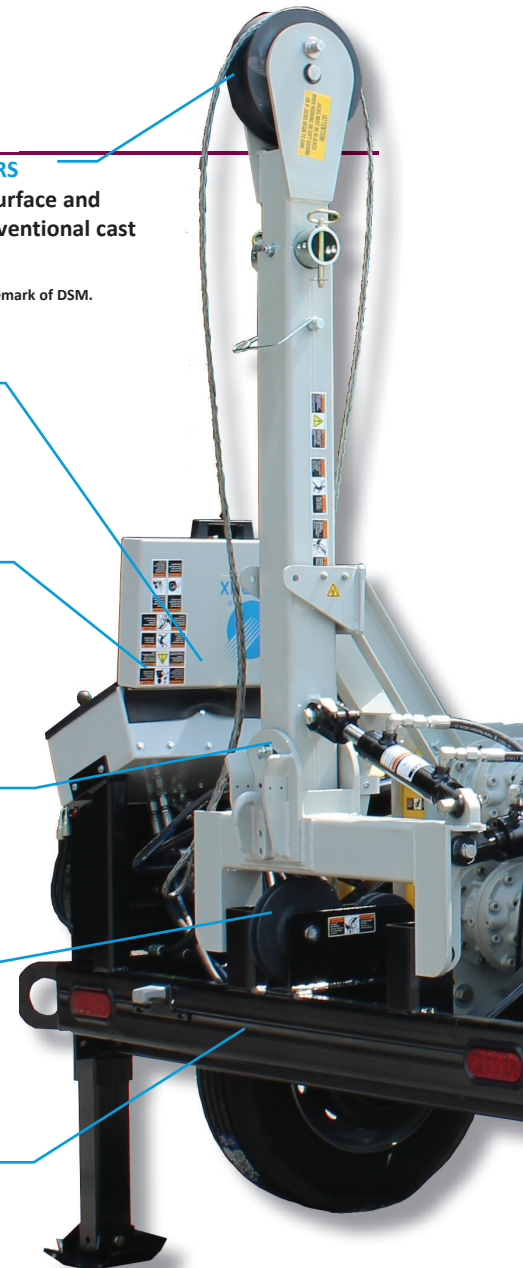
STRAIGHTFORWARD OPERATOR CONTROLS allow equipment operator to safely operate the puller with a very short training period.

PULL TENSION MONITORING integrated into the puller including adjustable limit to control pull limits to manufacturer specs.

ROTATING ARM pivots 30° in either direction aligning easily and accurately.

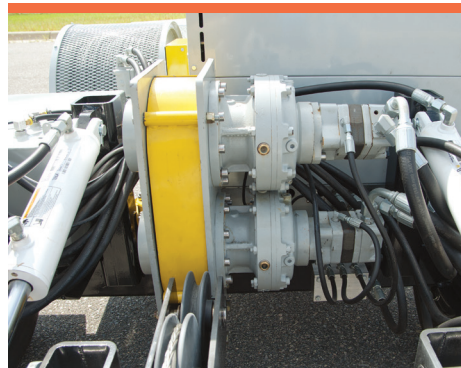
CONTROLLED PAY-IN AND PAY-OUT offers more operator control and safety.

DOT CERTIFIED TRAILER



HYDRAULIC TOOL CIRCUIT

Each unit comes standard with a hydraulic tool circuit to operate additional hydraulic powered tools. The fully enclosed sound attenuated hydraulic power pack offers 40 gpm pump & motor with a 20 gallon filtered reservoir. Seven gpm @ 2000 psi is available for hand tools and pumps.



THE BRANDS YOU KNOW

Major engine, hydraulic system and trailer components are from widely popular national suppliers meaning excellent reliability and spare parts availability.



STABILITY

The APS75 is designed with a low center of gravity, excellent front/rear weight distribution, and numerous adjustable supports for optimum stability for both the road and the job.



APS75 CABLE PULLER



POWER CABLE ISNTALLATION

TIER4 Final DIESEL ENGINE provides 49 HP and features easy access maintenance. Water cooled.

USB PORT
Standard USB connection allows users to record and download pulling operations onto a flash drive. Information is downloaded as a .csv file and can be copied onto any computer, then printed, saved and/or emailed.



HYDRAULIC JACKS
Hydraulically powered jack stands are easy to use and improve set up time.

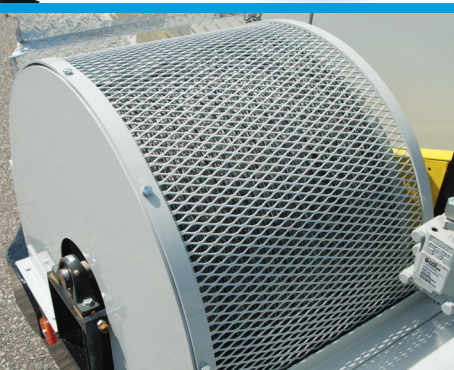


FULLY ENCLOSED UNIT
The APS75 is safe, convenient and reliable.

ON BOARD TOOLBOX
is also fully enclosed.

ELECTRIC BRAKES with a 7 pin round connector standard.

HYDRAULIC PULLER UNITS WITH OIL COOLER provide smooth operation throughout the pull.



SAFETY

All moving parts are housed safely in enclosures or protected by guards to help improve operator and jobsite safety. The trailer unit also comes standard with electric brakes.



ANTITWIST ROPE WITH LEVEL WIND

Comes standard with 2450 ft. of antitwist rope and built-in reel winder with automatic level wind. Advantages include high flexibility, absolute minimal cable twisting and equal distribution of tension among primary wires. Results in increased pulling efficiency, less duct abrasion and can be spliced in the field.



EASY TO OPERATE

The APS75 features an easy-to-read control panel that includes a convenient hard-wired remote that helps improve safety by allowing the operator to monitor the manhole while distancing himself from noise and moving components.



APS75 CABLE PULLER

POWER CABLE INSTALLATION



Electronic Information Center

A digital readout allows the operator to view pulling forces, distance pulled, tension limiter and hydraulic pressure readings. Tension limits are setup quickly and easily. The APS75 also comes standard with a wired remote control to provide the operator added safety and convenience. Emergency stop buttons located on the main panel and remote control will stop the pull operations immediately when pressed. Pulling operations can be recorded and downloaded after the pull through a convenient USB port located on the display.

- Control lever for pull in, neutral and payout
- Digital tension readout with set point and automatic control of maximum pull with load cut-off.
- Digital footage counter that reads the footage of pulling rope paying in or paying out.
- Warning lights

Other Standard Features:

- Easy to operate control panel
- DOT Certified Trailer
- Electric Brakes with a 7 pin connector standard
- Tension readout integrated in the puller to control pull limits.



APS75 SPECIFICATIONS

	Standard	w/Compressor
Performance		
Maximum Line Pull (lbs)	7500	
Maximum Speed (fpm)	175	
Engine		
Engine Type	Diesel	
Horsepower	49	
Electrical System	12 volt	
Fuel Tank (g)	18	
Bullwheel		
Dimensions	8.4 inch dia with 6 grooves	
Rope Reel w/Built in Level Wind		
Antitwist Rope	2450 feet of 3/8 inch	
Hydraulics		
Tool Circuit	7 gpm @ 2000 psi	
Dimensions		
Width	94 inches	
Height	104 inches	
Length	176 inches	225 inches
Weight	6,100 Pounds (Wet)	8,000 Pounds (Wet)
Air Compressor		
Velocity		185 cfm @ 100 psi
Compressor Hose with Couplings		3/4" x 50' air hose reel



APS75 CABLE PULLER



Aluminum A-Frame

The APS75 A-frame extension adds productivity by adjusting quickly to difficult pulling situations. Added reach for pulling extra slack is ideal for manhole applications and challenging job site conditions.

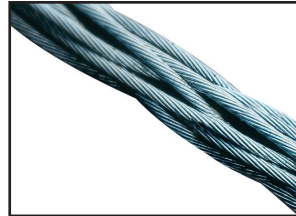
Part Number	Description
08771350	Aluminum A-frame APS75



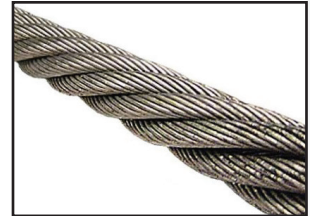
POWER CABLE ISNTALLATION

Replacement Rope

Part Number	Description	Break Strength
08771275	3/8" x 2450' Antitwist Rope with woven eye	16,800 lbs.
08773189	3/8" x 2600' IWRC 6x25 Rope with eye	15,100 lbs.



Antitwist Rope



IWRC Rope

Replacement Parts

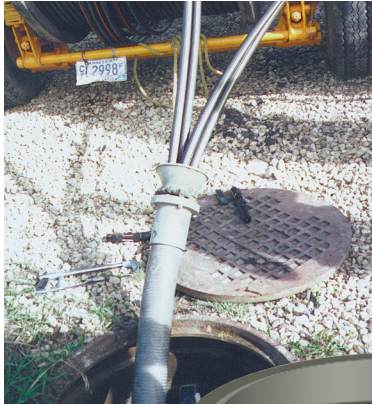
Part Number	Description
08771341	Boom Arm Transport Retainer Pin
02291018	Boom Arm Extension Lock Pin
08763155	Boom Jack (hand crank)
02289141	Hitch Pin for Boom Jack
08773317	Levelwind Brass Pawl
08773111	Fuel Tank Upgrade Kit (to aluminum tank)

For a list of replacement filters, visit condux.com





FLEXIBLE CABLE GUIDES



! **ORDER CAREFULLY!**
This item is made-to-order
and is not returnable.

Flexible Cable Guides with Aluminum Adapters

Cable feeds through the Bell Adapter and exits through the Duct Adapter which fits into the duct. Bell Adapter and Duct Adapter included for specific duct and guide size ordered.

Part Number	Diameter		Length	
	(IN.)	(MM)	(FT.)	(M)
08931009	2	51	9	2.7
08931012	2	51	12	3.6
08934009	4	102	9	2.7
08934012	4	102	12	3.6
08935009	5	127	9	2.7
08935012	5	127	12	3.6
08936009	6	152	9	2.7
08936012	6	152	12	3.6
08988009	8	203	9	2.7
08988012	8	203	12	3.6

Duct Adapters (includes mounting bolts)

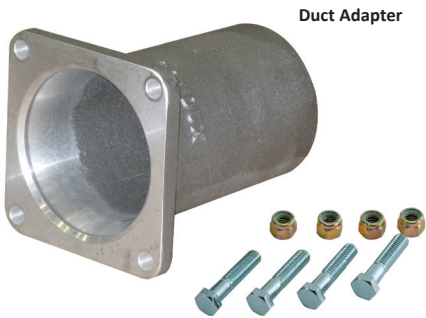
Part Number	Diameter		Duct Size		OD		ID	
	(IN.)	(MM)	(IN.)	(MM)	(IN.)	MM	(IN.)	MM
08931010	2	51	1.00	25	0.90	23	0.72	18
08931013	2	51	1.25	32	1.22	31	1.00	25
08931015	2	51	1.50	38	1.44	37	1.19	30
08934020	4	102	2.00	51	1.91	49	1.65	42
08934030	4	102	3.00	76	2.94	75	2.69	68
08934035	4	102	3.50	89	3.44	80	3.13	87
08935020	5	127	2.00	51	1.98	50	1.75	44
08935030	5	127	3.00	76	2.98	76	2.76	70
08935035	5	127	3.50	89	3.45	88	3.25	83
08935040	5	127	4.00	102	3.93	100	3.30	95
08936040	6	152	4.00	102	3.93	100	3.50	89
08936050	6	152	5.00	127	4.94	125	4.63	118

Replacement Duct Adapters

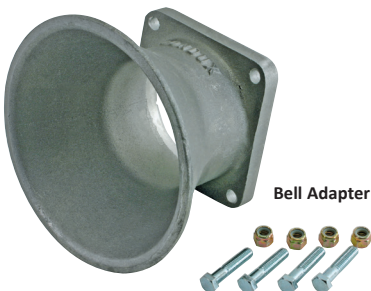
08931020	2	51	2.00	51	1.91	49	1.66	42
08934040	4	102	4.00	102	3.94	100	3.69	94
08935050	5	127	5.00	127	4.93	125	4.50	114
08936060	6	152	6.00	152	5.94	151	5.50	143
08988080	8	203	8.00	203	7.94	202	7.62	194

Replacement Bell Adapters (includes mounting bolts)

Part Number	Size		ID	
	(IN.)	(MM)	(IN.)	(MM)
08931000	2	51	2.00	51
08934000	4	102	4.00	102
08935000	5	127	5.00	127
08936000	6	152	6.00	152
08988000	8	203	8.00	203



Duct Adapter



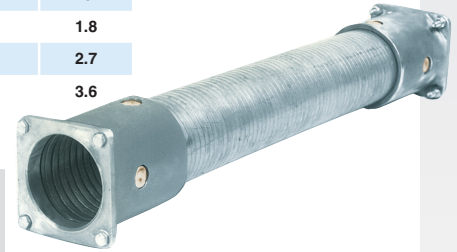
Bell Adapter

Extensions (includes mounting bolts)

Part Number	Diameter		Length	
	(IN.)	(MM)	(FT.)	(M)
08931503	2	51	3	.9
08931506	2	51	6	1.8
08931509	2	51	9	2.7
08931512	2	51	12	3.6
08934503	4	102	3	.9
08934506	4	102	6	1.8
08934509	4	102	9	2.7
08934512	4	102	12	3.6
08935503	5	127	3	.9
08935506	5	127	6	1.8
08935509	5	127	9	2.7
08935512	5	127	12	3.6

Part Number	Diameter		Length	
	(IN.)	(MM)	(FT.)	(M)
08936503	6	152	3	.9
08936506	6	152	6	1.8
08936509	6	152	9	2.7
08936512	6	152	12	3.6
08988503	8	203	3	.9
08988506	8	203	6	1.8
08988509	8	203	9	2.7
08988512	8	203	12	3.6

! ORDER CAREFULLY!
This item is made-to-order
and is not returnable.



Cable Spreaders

4-6 inch Cable Spreaders attach to the Condux 4-6 inch Flex Guides to keep the cable separated as it goes into the flex guide. Comes standard with nylon rollers to help minimize friction and positive locking pins for attaching to the Flex Guide Bells.

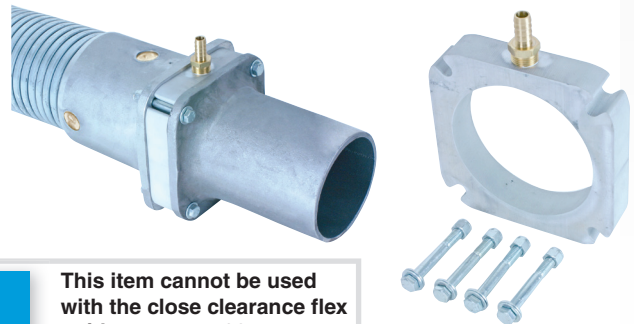
Part Number	Description	Bell Size	
		(in)	(mm)
08041910	4-way Spreader, Cable Bell Adapter	4	102
08041915	4-way Spreader, Cable Bell Adapter	5	127
08041920	4-way Spreader, Cable Bell Adapter	6	152
08041930	3-way Spreader, Cable Bell Adapter	4	102
08041935	3-way Spreader, Cable Bell Adapter	5	127
08041940	3-way Spreader, Cable Bell Adapter	6	152



Lube Adapter Plates for Flex Guides

Lube adapter plates may be used at either the bell end or on the duct adapter end. Simply remove the bell or adapter end and insert lube adapter plate then use the supplied longer bolts to finish the lube adapter plate assembly.

Part Number	Description	Size	
		(in)	(mm)
08934075	Lube Adapter Plates for Flex Guides	4	102
08935075	Lube Adapter Plates for Flex Guides	5	127
08936075	Lube Adapter Plates for Flex Guides	6	152



! This item cannot be used
with the close clearance flex
guides on page 90.

5 or 6 Gallon Lube Pump

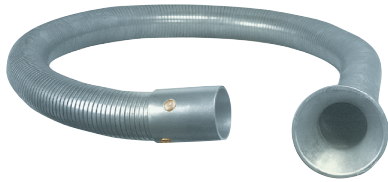
Lube pump quickly attaches to the lube adapter plate. Comes with four feet of hose. (Longer lengths not available) Fits on either a 5 or 6 gallon pail.

Part Number	Description
08931100	5 or 6 Gallon Lube Pump





FLEXIBLE CABLE GUIDES

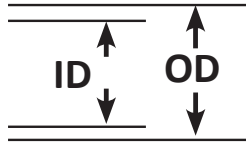
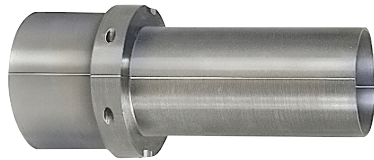


! ORDER CAREFULLY!
This item is made-to-order
and is not returnable.

Close Clearance Flexible Cable Guides

For guiding cable from the reel into the duct. The cable feeds through the Bell Adapter and exits through the Duct Adapter which fits into the duct. **Close Clearance Flexible Cable Guides require use of a Steel Duct Adapter, which must be ordered separately.**

Part Number	Diameter		Length	
	(IN.)	(MM)	(FT)	(M)
08040109	4	102	9	2.28
08041009	5	127	9	2.28
08044509	6	152	9	2.28



Steel Duct Adapter

Steel Duct Adapters (required for use of close clearance flex guides)

Part Number	Duct Adapter Diameter		Duct Size		OD		ID	
	(IN.)	(MM)	(IN.)	(MM)	(IN.)	MM	(IN.)	MM
08040300	4	102	3.00	76	2.93	74	2.68	68
08040400	4	102	3.25	83	3.06	74	2.81	71
08040600	4	102	3.50	89	3.43	87	3.18	81
08040800	4	102	4.00	102	3.81	97	3.62	92
08087200	4	102	5.00	127	4.81	122	4.63	118
08040900	5	127	4.00	102	3.87	98	3.69	94
08041300	5	127	5.00	127	4.81	122	4.62	117
08041200	5	127	6.00	152	5.81	148	4.62	117
08087000	6	152	5.00	127	4.81	122	4.62	117
08086800	6	152	6.00	152	5.81	148	5.62	143



Close Clearance Flex Guide Extensions

Part Number	Diameter		Length	
	(IN.)	(MM)	(FT)	(M)
08040203	4	102	3.5	1.1
08041103	5	127	3.5	1.1
08044603	6	152	3.5	1.1



JAMB SKID



POWER CABLE ISNTALLATION

Jamb Skid

The Condux Jamb Skid is a device for supporting sheaves or quadrant blocks inside a manhole to pull cable into underground conduit.

Constructed of solid aluminum, the Jamb Skid is both strong and lightweight. In most instances, it can be installed by one person. The complete unit is created by combining a base unit with one of several extension units, depending upon the height required. Locking 1 1/4" (32 mm) pins, allow the height adjustment of the Jamb Skid. Also, the width adjusts from 7" (178 mm) to 11" (279 mm) to accept all Condux sheave assemblies up to 8" (203 mm). 10,000 lbs. (44,480 N) cable tension load rated.

NOTE: Order base section, extension, and sheave separately for a complete Jamb Skid unit. Sheave pin and locking pins are included with the base section.

Part Number	Description	Manhole Height Range	
		(in)	(m)
08097000	58" (1.17 m) (Base Section)		
08097001	43" (1.09 m) Extension	63-80	1.24 - 2.03
08097002	76" (1.93 m) Extension	78-109	1.98 - 2.77
08097003	109" (2.8 m) Extension	107-138	2.72 - 3.51

Replacement Pins

Part Number	Description
08097040	1 1/4" (32 mm) diameter sheave pin
08097060	Locking Pin Kit (includes two locking pins)

Sheaves

Refer to the chart on page 97 for specifications on sheave products for use with the Condux Jamb Skid.

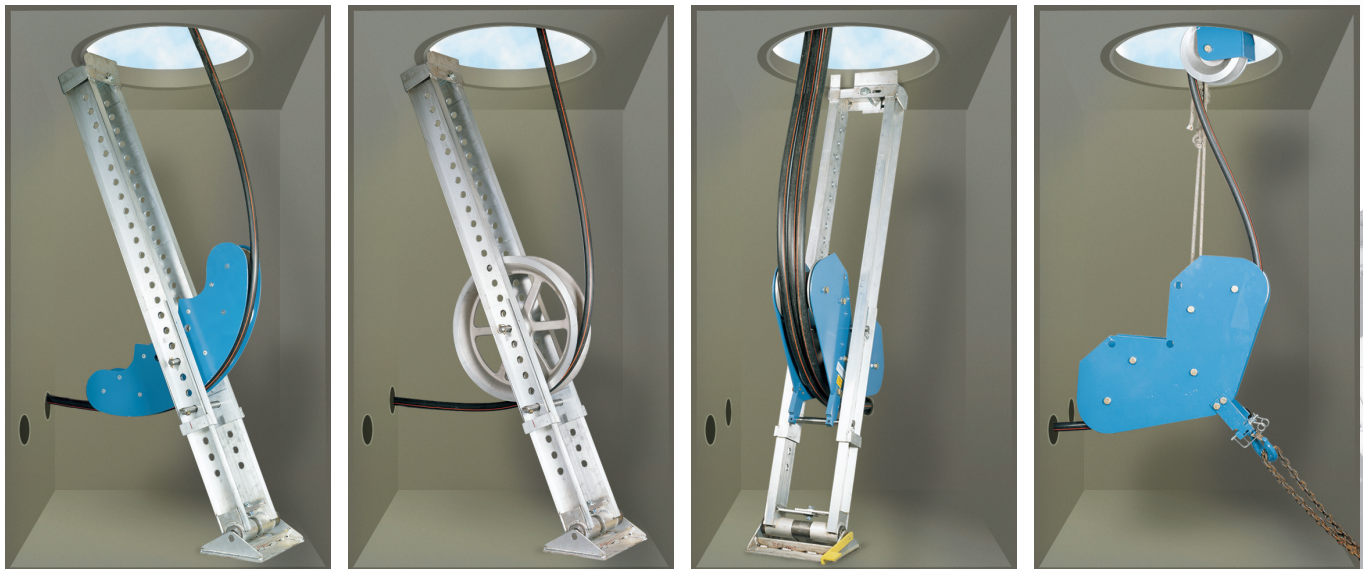
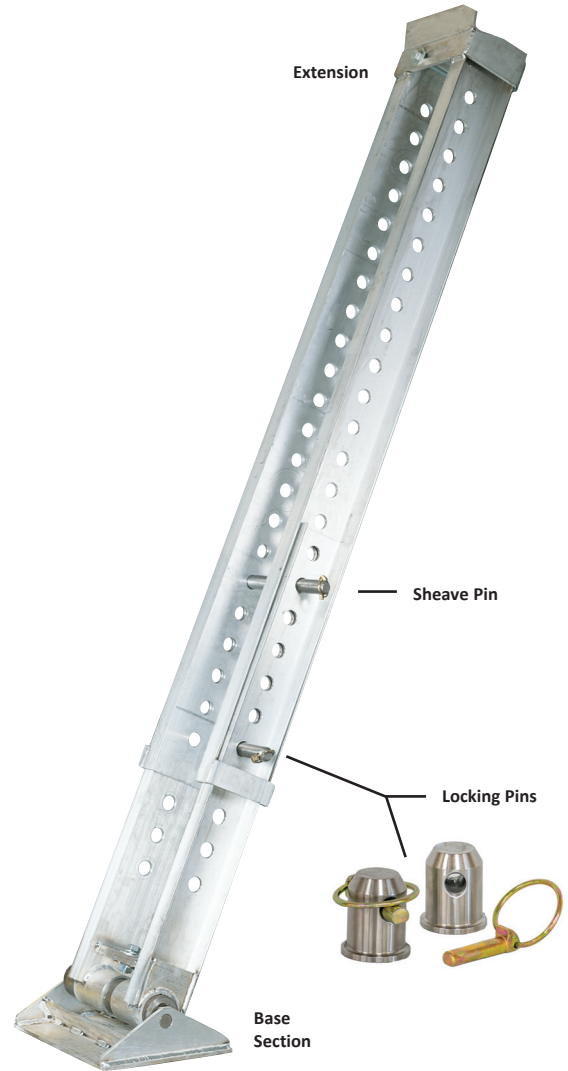
20,000 lbs. Jamb Skid

Constructed of steel and rated for 20,000 lbs (88,964 N) cable tension. Base section includes sheave pin and locking pins.

Part Number	Description
08097509	Base Section
08097532	43" (1.09 m) Extension
08097529	76" (1.93 m) Extension
08097508	109" (2.8 m) Extension

Sheaves for 20,000 lbs. Jamb Skid

Part Number	Sheave Size
08097502	5 x 26.5 in (127 x 673 mm)
08097504	8 x 11 in (203 x 279 mm)





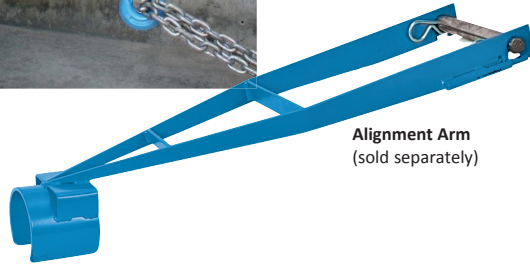
CABLE GUIDES



Heavy Duty Hanger Sheaves

Tie off in the manhole to guide cable into the duct. 12,000 lbs. (53,378 N) cable tension load capacity. Includes light duty arm which conveniently stores inside the heavy duty arm when not in use. Also may be used with alignment arm for cable removal (5" sheaves only). Alignment arm sold separately.

Part Number	Sheave Size	
	(in)	(mm)
08042800	5x11	127x279
08042810	5x20	127x508
08042820	5x26.5	127x673
08042830	6x11	152x279
08042840	8x11	203x279
08045901	Alignment Arm for 5" (127 mm) Sheave	



Alignment Arm
(sold separately)



Replacement Parts for Heavy Duty Hanger Sheaves



Hanger Arm w/Hook



Second Arm



Axle



Sheave

Sheave Size		Hanger Arm w/Hook Part Number	Second Arm Part Number	Axle Part Number	Sheave Part Number
(in)	(mm)				
5 x 11	127 x 279	08042801	08042809*	02291808	08042734
5 x 20	127 x 508	08042811	08042819*	02291808	08042735
5 x 26.5	127 x 673	08042811	08042819*	02291808	08042736
6 x 11	152 x 279	08042831	08042839*	02291808	08042737
8 x 11	203 x 279	08042841	08042849*	02291809	08042738

*1,000lb (4,448N) load rating

4,000 lb. Hooked Hanger Sheaves

Tie off in manhole to guide cable into and out of duct. 4,000 lbs (17,793 N) cable tension load capacity. For less demanding cable pulling applications than Condux heavy duty sheaves. Replacement sheaves available; see chart with specifications on page 97.

- Steel welded frame
- Nylon cable protectors
- Lightweight
- Cast aluminum sheaves
- Forged hook with 1.12" (28.45 mm) opening

Part Number	Sheave Size		Sheave Material
	(in)	(mm)	
08042611	5 x 11	127 x 279	Aluminum
08042610	5 x 11	127 x 279	Nylatron
08042620	5 x 20	127 x 508	Aluminum
08042626	5 x 26 ½	127 x 673	Aluminum
08042650	8 x 26	203 x 660	Aluminum

08042670 Second arm for 8"x26" (203 x 660 mm) sheave 1,000 lb (4448 N) rating for hanging only

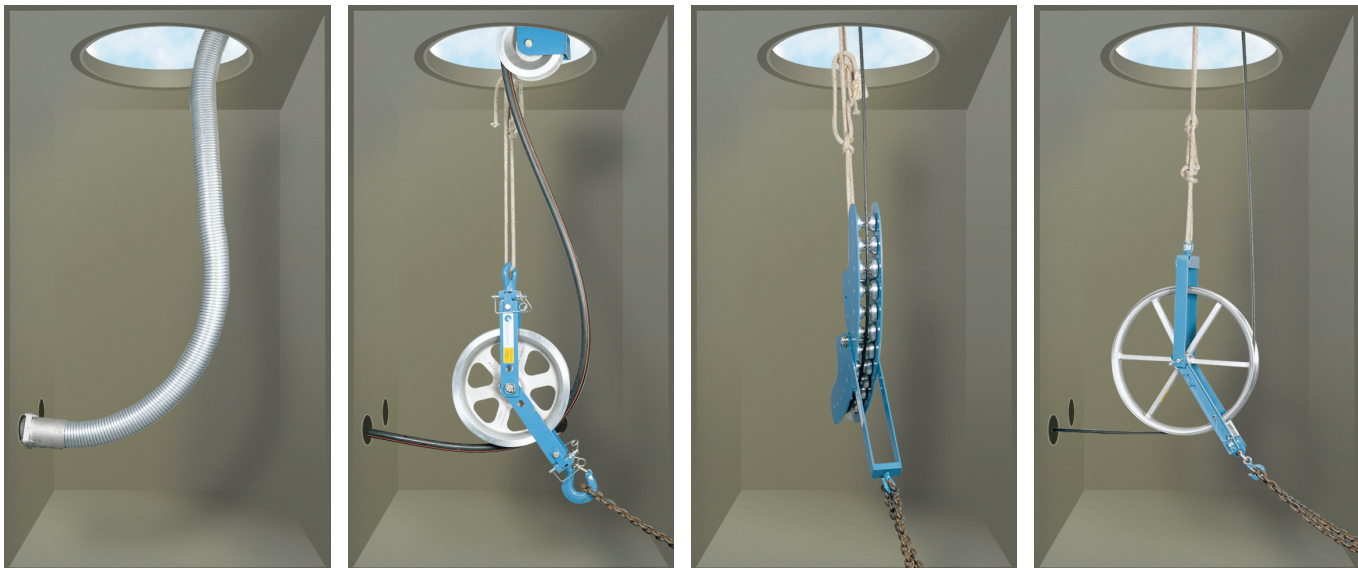


5 x 11

4,000 lb. Hooked Hanger Sheaves



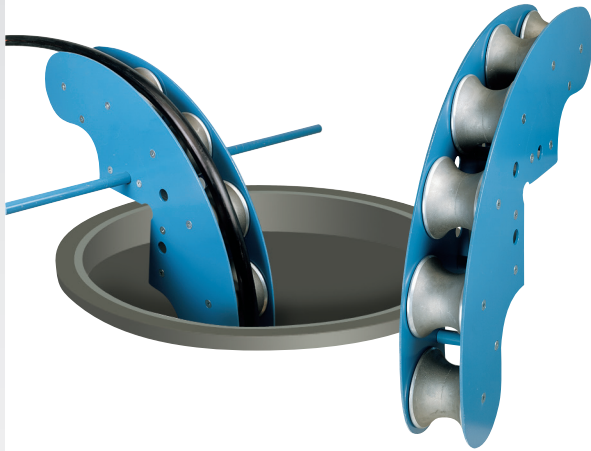
8 x 26





CABLE GUIDES

POWER CABLE INSTALLATION



Heavy Duty Quadrant Block

A series of six cast aluminum or six Nylatron® sheaves on bronze bearings allow cable to make a gradual 90° turn for easy pulling through manhole opening. Can also be suspended in manhole to provide alignment to duct run. Support Bar sold separately (see pg. 96). Replacement Sheaves available. See Specifications and Selection Charts on page 97.

Part Number	Nylatron Part Number	Size		Radius		Load Capacity	
		(IN.)	(MM)	(IN.)	(MM)	(LBS)	(N)
08539100	08539110	4	102	24.25	616	4,800	21,351
08539200	08539210	5	127	24.25	616	4,800	21,351
	08539650	6	152	26.00	660	10,000	44,482
08539710	08539700	8	200	37.75	959	10,000	44,482

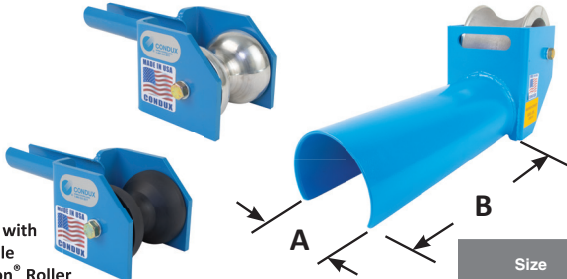


Hanger Arms

Allows the hanging of the HD Quadrant Blocks in a manhole for more flexible positioning.

Part Number	Used With
08042425	4" HD Quad Block
08539240	5" HD Quad Block
08539660	6" HD Quad Block
08082885	8" HD Quad Block

1.5" (38 mm) Cable Feeding Sheave



Shown with available Nylatron® Roller

Cable Feeding Sheaves

Plugs into conduit in manhole wall, guiding cable safely into the conduit regardless of the pulling angle. Sizes 3.5" and larger have a handle slot in the frame for easy carrying. Replacement Sheaves available. See Specifications and Selection Charts on page 97.

Part Number	Nylatron Part Number	Size		Tube Slot Width (A)		Tube Length (B)		Tube I.D.		Tube O.D.		Load Capacity	
		(IN.)	(MM)	(IN.)	(MM)	(IN.)	MM	(IN.)	MM	(IN.)	MM	(LBS)	(N)
08617312	-	1.25	32	0.88	22	5	127	1.06	27	1.19	30	1,000	4,448
08617215	08617415	1.50	38	1.04	26	5	127	1.26	32	1.44	37	1,500	6,672
08617220	08617420	2	51	1.38	35	6	152	1.69	43	1.88	48	2,600	11,565
08617225	08617425	2.50	63	1.44	37	8	203	2.14	54	2.38	60	2,600	11,565
08617230	08617430	3	76	2.24	57	12	305	2.63	67	2.87	73	4,800	21,351
08617270*	-	3	76	2.24	57	12	305	2.50	63	2.75	70	4,800	21,351
08617235	08617435	3.50	89	2.75	70	12	305	3.00	76	3.38	86	4,800	21,351
08617200	08617440	4	102	3.00	76	12	305	3.50	89	3.88	100	6,500	28,913
08617340*	08617441*	4	102	2.98	76	12	305	3.23	82	3.65	93	6,500	28,913
08617250	08617450	5	127	3.75	95	14	356	4.50	114	4.90	125	6,500	28,913
08617260	08617460	6	152	4.50	114	14	356	5.38	137	5.90	150	6,500	28,913
08617360*	08617461*	6	152	4.50	114	14	356	5.00	127	5.56	141	6,500	28,913
08617280	08617480	8	203	6.00	152	14	356	7.07	180	7.81	198	6,500	28,913

*Fits sch 80 pipe. NOTE: Nylatron® is a registered trademark of DSM



60 Degree Quad Block

A series of six Nylatron® sheaves allow cable to make a gradual 60° turn for easy pulling through manhole or pull box openings. Pulling radius of 24.25 inches (616 mm). 4,000 lbs. (17,792 N) cable tension load capacity. Support bar sold separately.

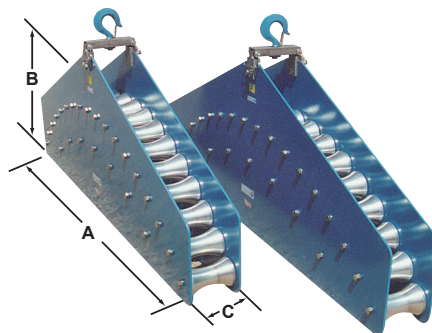
Part Number	Size	
	(in)	(mm)
08539220	8	203



Fairlead Quadrant Block

Originally designed to install transpacific fiber optic cable, these quadrant blocks provide a 60" (1,524 mm) pulling radius to guide any type of cable. 18 machined rollers 8" (203 mm) wide by 5.5" (140 mm) in diameter, allow the cable to make a gradual 90° turn for easy cable installation. 10,000 lb. (44,482 N) capacity. Replacement sheaves available, contact factory for information. **Item is not returnable.**

Part Number	Description	A		B		C	
		(in)	(mm)	(in)	(mm)	(in)	(mm)
08094500	Fairlead Quadrant Block w/ aluminum rollers	96	2438	36	914	9	229
08094510	Fairlead Quadrant Block w/ Nylatron rollers	96	2438	36	914	9	229

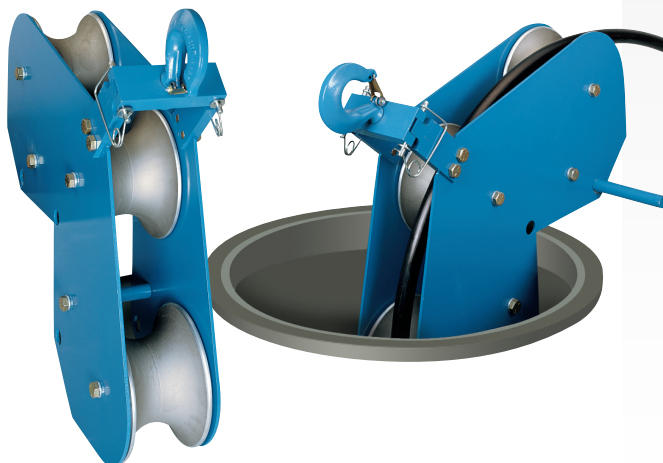


Three Sheave Cable Guide

Three cast aluminum or Nylatron® sheaves on bronze bearings allow a gradual 90° turn for easy pulling through manhole opening. Pulling radius of 24" (610 mm), the cable guide will sit on manhole edge, suspend in manhole, or fit the jamb skid. 10,000 lbs. (44,482 N) cable tension load capacity. Support bar sold separately (see pg. 96). Replacement sheaves available; see Specifications and Selection Charts on page 97.

Part Number	Nylatron Part Number	Size	
		(IN.)	(MM)
08539600	08539610	6	152
08539800*	08539810*	8	203

*NOTE: To fit the jamb skid, the four bolts holding the hook must be removed.



Mini Corner Cable Guide

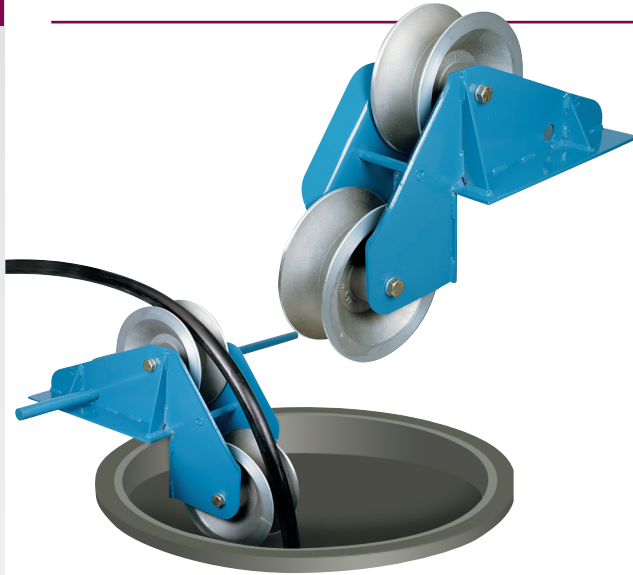
Features two hardened steel rollers that guide steel winch line over sharp edges. It is small but sturdy, allowing for easy handling and set-up along with heavy duty capacities. 10,000 lbs. (44,482 N) cable tension load capacity. Replacement sheaves available, contact factory for information.

Part Number	Description
08045000	Mini Corner Cable Guide
08045010	Mini Corner Cable Guide w/o hook





CABLE GUIDES



Corner Cable Guides

Aluminum and Nylatron® sheaves for pulling cable into manholes. 5,000 lbs. (22,241 N) cable tension load capacity. See Specifications and Selection Charts on page 97 for Replacement Sheaves. Support bar sold separately (see below).

Part Number	Nylatron Part Number	Size	
		(IN.)	(MM)
08043100	08043125	4	102
08043200	08043225	5	127
08088600	08088625	6	152
08088800	08088825	8	203

NOTE: Nylatron® is a registered trademark of DSM.



Cable Bending Shoe

Protects cable from corner abrasion during pulling operations. Bend radius of 20" (508 mm). Rugged, high-impact plastic.

Part Number	Description	ID		OD	
		(in)	(mm)	(in)	(mm)
08042100	Plastic Bending Shoe	3.19	81	3.44	87



Nylon Cable Protector

Flanged, split tube to insert in duct end and protect cable from damage during installation. Also can be left in place for permanent protection.

Part Number	Description
08042301	1"-2½" (25-63 mm) Duct
08042300	3"-6" (76-152 mm) Duct



Support Bar

Use to support quadrant blocks or cable guides at street level.

Part Number	Description
08091440	1¼" (32 mm) x 4' (1.2 m) Steel Bar



Chains

Used to tie off cable guides in the manhole. Not to be used for overhead lifting.

Part Number	Description
08066301	4' (1.2 m) Chain, Double Hook, 3/8" (9 mm) Alloy Links, 7,100 lbs. (31,581 N) capacity
08066300	8' (2.4 m) Chain, Double Hook, 3/8" (9 mm) Alloy Links, 7,100 lbs. (31,581 N) capacity



CABLE GUIDE ACCESSORIES



POWER CABLE ISNTALLATION

Aluminum Split Bells

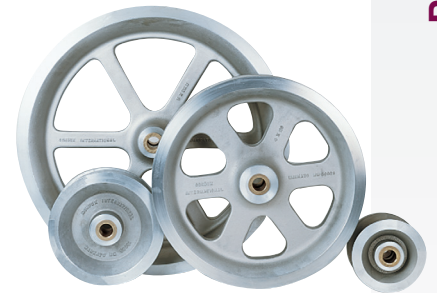
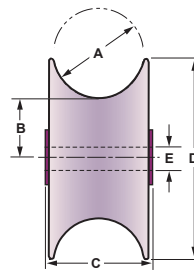
Plugs into conduit in manhole wall, guiding cable safely into the conduit regardless of the pulling angle.

Part Number	Size		Tube Length		Tube I.D.		Tube O.D.	
	(IN.)	(MM)	(IN.)	(MM)	(IN.)	(MM)	(IN.)	(MM)
08041520	2	51	8	203	1.625	41	1.875	48
08041530	3	76	8	203	2.625	67	2.875	73
08041535	3.5	89	8	203	3.125	79	3.375	88
08041540	4	102	8	203	3.625	92	3.875	98
08041550	5	127	8	203	4.625	117	4.875	124
08041560	6	152	8	203	5.625	143	5.875	149
08041564	6	152	12	305	5.625	143	5.875	149
08041570	8	203	12	305	7.500	191	7.875	200



Replacement Sheaves

Refer to this chart for specifications on sheave sizes for these products: 4,000 lb. (17,793 N) Hooked Hanger Sheaves, Cable Feeding Sheaves, Corner Cable Guides, Heavy Duty Quadrant Blocks, Three Sheave Cable Guides, and Jamb Skid.



Sheaves Specifications

Part Number	Nylatron Part Number	Sheave Size		Maximum Cable O.D. (A)		Min. Bending Radius (B)		Max. Sheave Width (C)		Maximum Sheave O.D. (D)		Shaft Diameter (E)	
		(IN.)	(MM)	(IN.)	(MM)	(IN.)	(MM)	(IN.)	(MM)	(IN.)	(MM)	(IN.)	(MM)
08539308	08539304	1 x 3	25 x 76	1.50	38	0.75	19	3.19	81	3.00	76	0.63	16
08539136	08539137	4 x 7	102 x 178	4.00	102	2.25	57	4.35	110	7.00	178	1.25	32
08539236	08539237	5 x 7	127 x 178	5.00	127	2.25	57	4.93	125	7.00	178	1.25	32
08046711	08046712	4 x 11	102 x 279	4.00	102	3.75	95	4.94	125	11.00	279	1.25	32
08046811	08046812	5 x 11	127 x 279	5.00	127	3.25	83	5.94	151	11.00	279	1.25	32
08087811	08087812	6 x 11	152 x 279	6.00	152	3.13	79	6.94	176	11.00	279	1.25	32
08087911	08087912	8 x 11	203 x 279	8.25	210	2.75	70	8.94	227	11.00	279	1.25	32
08065411	-	4 x 20	102 x 508	4.25	108	8.50	216	4.94	125	20.00	508	1.25	32
08042911	-	5 x 20	127 x 508	5.00	127	8.00	203	5.94	151	20.00	508	1.25	32
08043011	-	5 x 26.5	127 x 673	5.00	127	11.31	287	5.94	151	26.50	673	1.25	32

4,000 lb Sheaves

Part Number	Nylatron Part Number	Sheave Size		Maximum Cable O.D. (A)		Min. Bending Radius (B)		Max. Sheave Width (C)		Maximum Sheave O.D. (D)		Shaft Diameter (E)	
		(IN.)	(MM)	(IN.)	(MM)	(IN.)	(MM)	(IN.)	(MM)	(IN.)	(MM)	(IN.)	(MM)
08042612	08046812	5 x 11	127 x 279	5.00	127	3.25	83	5.94	151	11.00	279	1.25	32
08042621	-	5 x 20	127 x 508	5.00	127	8.00	203	5.94	151	20.00	508	1.25	32
08042627	-	5 x 26.5	127 x 673	5.00	127	11.31	287	5.94	151	26.50	673	1.25	32
08042651	-	8 x 26	203 x 660	8.00	203	11.25	286	8.94	227	26.00	660	1.25	32

NOTE: Nylatron® is a registered trademark of DSM.

