

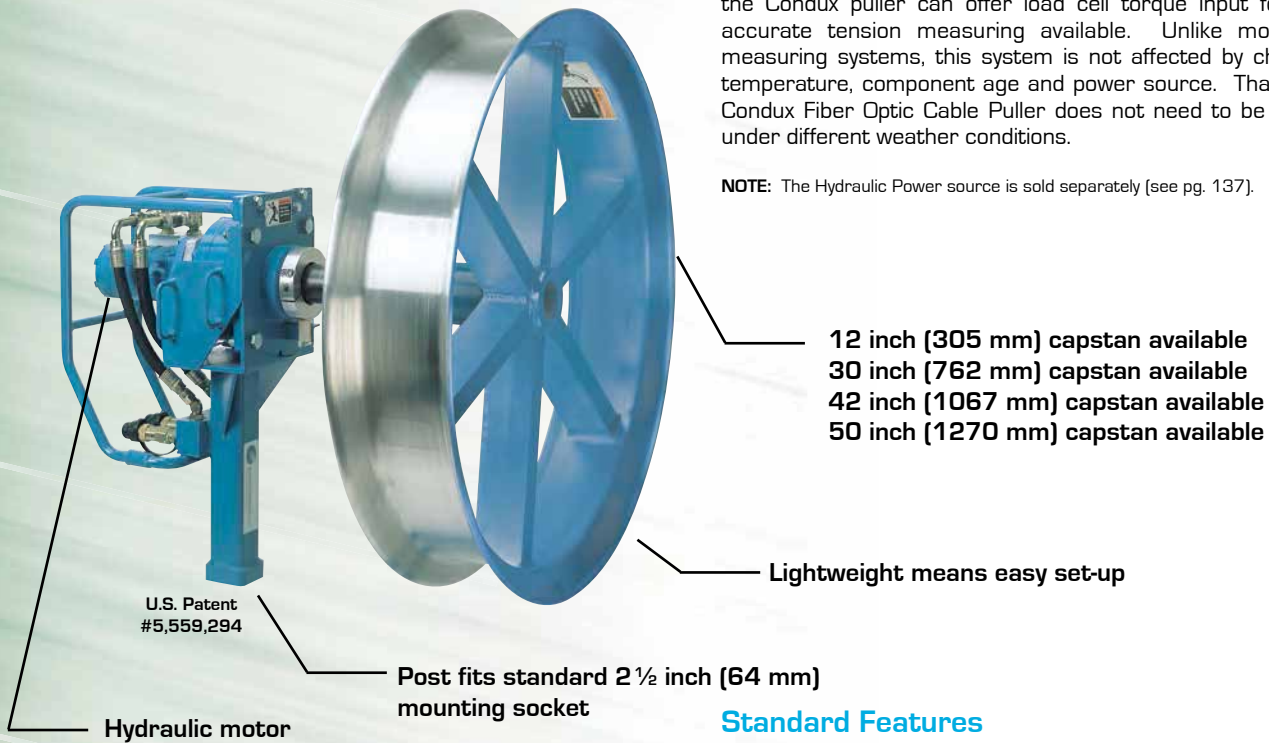


FIBER OPTIC CABLE PULLER

Fiber Optic Cable Puller

The Fiber Optic Cable Puller from Condux sets new standards for safe, accurate pulling of fiber optic cables. Only the Condux puller can offer load cell torque input for the most accurate tension measuring available. Unlike most hydraulic measuring systems, this system is not affected by changes in oil temperature, component age and power source. That means the Condux Fiber Optic Cable Puller does not need to be recalibrated under different weather conditions.

NOTE: The Hydraulic Power source is sold separately (see pg. 137).



Standard Features

These pullers consist of a hydraulic motor, variable speed foot control, manual flow control valve for adjusting maximum speed and a manually adjustable pressure relief valve for adjusting the ultimate pull tension.

Optional Features

The Condux Fiber Optic Cable Puller features an optional electronic tension control system with adjustable digital load limits and a load cell tension measuring device with a paperless recorder and trend display, compact flash drive with 64MB flash card and USB interface (see page 140).

Components

Condux Fiber Optic Pullers are multi-component products. Order a puller to fit your requirements with combinations of these components (for ordering information, see page 141). Components include:

- Hydraulic puller mounted on a standard 2½" (64 mm) square tube
- 30" (762 mm) diameter capstan
- Foot control / hydraulic control assembly
- Electronic control box with paperless recorder
- Hoses and cords to connect the puller to the foot control assembly and electronic control box

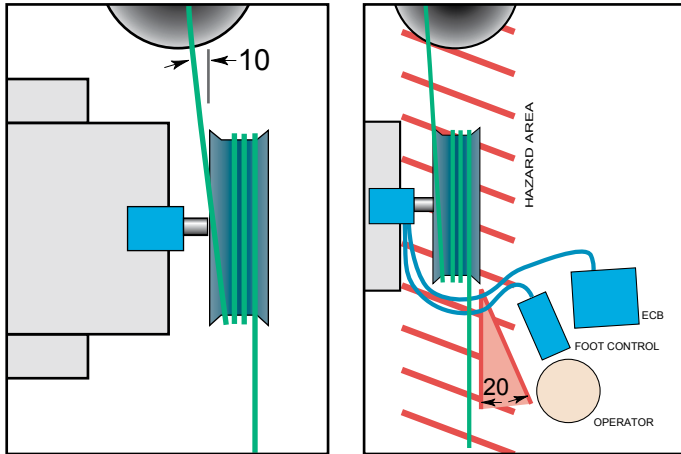
WARNING: The Fiber Optic Cable Puller is not to be used as a hoist or for lifting, supporting or transporting people or loads.



FIBER CABLE
INSTALLATION

Easy to set up, Safe to use

Condux Fiber Optic Cable Pullers set up easily at a variety of jobsite layouts. Components are modular, adding to versatility and operator safety.

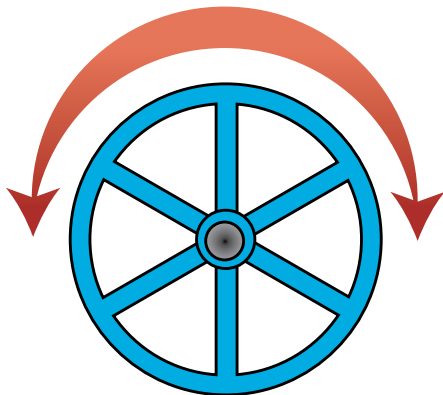


Variable Speed Foot Control

Like the accelerator pedal in your car or truck, the Variable Speed Foot Control allows the operator to easily manage the speed of the pull.

Bi-directional Pulling

Bi-directional pulling capabilities mean less set-up time and more productivity.



SPECIFICATIONS									
	12 in (305 mm) Diameter Capstan		30 in (762 mm) Diameter Capstan		42 in (1067 mm) Diameter Capstan		50 in (1270 mm) Diameter Capstan		
PULLING FORCE	lbs	kN	lbs	kN	lbs	kN	lbs	kN	
Maximum	2,000	8.9	1,000	4.4	600	2.7	600	2.7	
Continuous	2,000	8.9	1,000	4.4	600	2.7	600	2.7	
PULLING SPEED	ft/min	m/min.	ft/min	m/min.	ft/min	m/min.	ft/min	m/min.	
No Load	93.9	28.6	240.0	73.2	328.4	100.0	391.4	119.3	
At Maximum Force	93.9	28.6	240.0	73.2	328.4	100.0	391.4	119.3	
Power Requirements									
PRESSURE	2,000 to 2,500 psi (137 to 172 bar)								
FLOW	6 to 10 gpm (22.7 to 37.9 lpm)								
PEAK POWER	8 HP (5.97 kw)								



FIBER OPTIC CABLE PULLER

CONDEX

Optional Electronic Control System

Features large LED Display and Paperless Recorder with trend display. Paperless Recorder includes: Trend Display, CompactFlash™ card slot with 256MB 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.

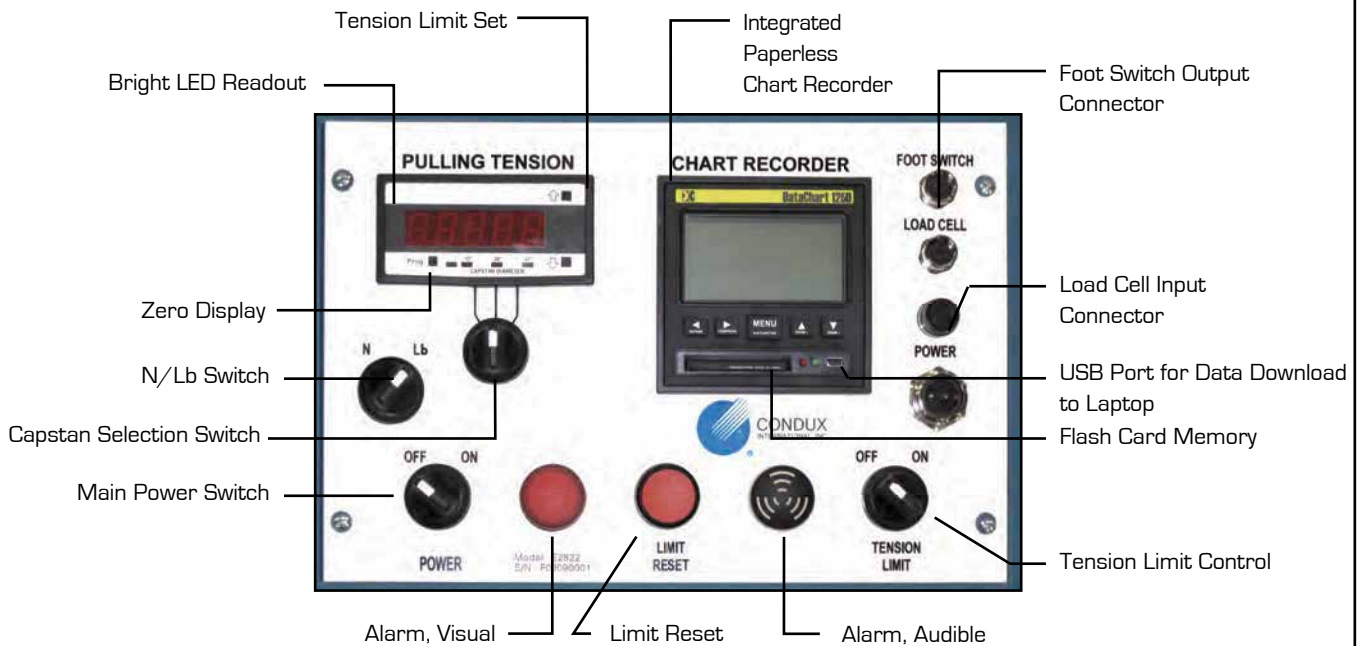


Electronic Control Box



U.S. Patent # 5,559,294

Electronic Controls: Easy, Informational, Durable



FIBER CABLE
INSTALLATION

- 1** **Base Part No.** **Description**
08690001 **Package contains:** Fiber Optic Cable Puller, Foot Control and Hoses. Does not include a remote mounting stand or a base mount. Please order separately [see pages 142 & 144].

Capstan Options

Part No.	Description
08675230	30" (762 mm) Capstan; 4" (102 mm) wide
08675430	30" (762 mm) Capstan; 8" (203 mm) wide
08675436	42" (1067 mm) Capstan
08675220	50" (1270 mm) Capstan

- 3** **Base Part No.** **Description**
08690055 **Package contains:** All items from package 1 plus monitoring components including an electronic control box with a paperless chart recorder for permanent documentation of your pull. Does not include a remote mounting stand or a base mount. Please order separately [see pages 142 & 144].

Capstan Options

Part No.	Description
08675230	30" (762 mm) Capstan; 4" (102 mm) wide
08675430	30" (762 mm) Capstan; 8" (203 mm) wide
08675436	42" (1067 mm) Capstan
08675220	50" (1270 mm) Capstan



1

*Shown with Optional 30" Capstan.



3

*Shown with Optional 30" Capstan.

Fiber Optic Cable Puller Package Upgrade Kits

Part Number	Description
08675920	Pkg 1 to Pkg 3 Upgrade Kit (Electronic Control Box with Chart Recorder and Load Cell)

ECB Replacement Parts

Part Number	Description
02286406	2 Pin Male Receptacle
02286416	Extension Cord 20"
02289665	On/Off Switch
02289666	LIGHT,RED PILOT INDICATOR
02289668	BUTTON,ALARM RESET-ECB
02290108	Cord, Footswitch
02290113	3 Pin Female Receptacle
02290114	5 Pin Female Receptacle
02290115	Alarm, Audible - DC
02290116	3 Way Selector Switch
02290117	Fuse, 250V 2A
08675926	Patch Cord, Footswitch Upgrade
08677372	Chart Recorder
08677375	Cord, Load Cell
08761248	Plug, Lighter Cord



FIBER CABLE
INSTALLATION