

# 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.

## 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.

## Components

Condux Fiber Optic Pullers are multi-component products. Order a puller to fit your requirements with combinations of these components. Components include:

- Hydraulic puller on a standard 2½" (64 mm) square tube
- 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



1 \*Shown with Optional 30" Capstan.



3 \*Shown with Optional 30" Capstan.

Base Part No.	Description
<b>08690002</b>	<b>Package contains:</b> Fiber Optic Cable Puller, Foot Control and Hoses*

Base Part No.	Description
<b>08690056</b>	<b>Package contains:</b> All items from package 1 plus monitoring components including an electronic control box with a paperless chart recorder for permanent documentation of your pull*

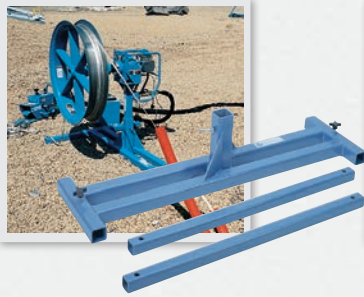
\*Capstan and stand ordered separately

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	
	lbs	kN	lbs	kN	lbs	kN	lbs	kN
<b>PULLING FORCE</b>								
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
<b>PULLING SPEED</b>	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
<b>Power Requirements</b>								
<b>PRESSURE</b>	2,000 to 2,500 psi (137 to 172 bar)							
<b>FLOW</b>	6 to 10 gpm (22.7 to 37.9 lpm)							
<b>PEAK POWER</b>	8 HP (5.97 kw)							





## Fiber Optic Cable Puller Accessories



### Remote Mounting Stand

For fiber optic cable pulling applications that demand flexibility in set-up, the Remote Mounting Stand allows positioning of the cable puller well away from the power source. Easy to set up, the unit is both sturdy and compact. Features 2½" (64 mm) square mount.

Part Number	Description
08675115	Remote Mounting Stand

### Fiber Optic Cable Puller Hitch Mount

Hitch Mounts are a fast, easy way to mount the Fiber Optic Cable Puller. The Hitch Mount attaches directly into a typical 2" (51 mm) square receiver and the cable puller mounts in a 2½" (64 mm) square fixture. An adjustable jack is included for added stability and height adjustment. Pulling loads must not exceed 800 lbs. (3,559 N).

Part Number	Description
08675908	Fiber Optic Cable Puller Hitch Mount
08675930	Adjustable Fiber Optic Cable Puller Hitch Mount 22.5°

### Capstans

To conform to the many specifications of fiber optic cable available, and to offer more cable pulling capabilities, Condux offers several sizes of capstans that fit the Condux Fiber Optic Cable Puller. These bayonet style capstans are offered in 12" (305 mm), 30" (762 mm), 42" (1,067) and 50" (1,270 mm) diameters for a standard 27/16" diameter bayonet style shaft.

Part Number	Diameter		Flat Width		Max. Cable O.D.	
	(in)	(mm)	(in)	(mm)	(in)	(mm)
08675213*	12	305	9	229	-	-
08675230	30	762	4	102	.75	19
08675430	30	762	8	203	1.00	25
08675436	42	1,067	8	203	1.05	27
08675220	50	1,270	8	203	1.25	32

\* Not to be used for fiber optic cable or steel rope. Intended for pulling innerduct, power, telephone or coaxial cables.

Available Locally From:

### Pole Mounting Frame

When overhead fiber optic cable installation applications require the smooth hydraulic power and accurate tension measuring system of the Condux Fiber Optic Cable Puller, the Pole Mounting Frame is available. Install the cable puller on the frame with no modifications necessary to the puller. By design, the Pole Mounting Frame offers a secure hold on the cable puller both vertically and horizontally for a worry-free pull. A special plug drives into wood poles for added stability. Includes all mounting hardware.

Part Number	Description
08676000	Pole Mounting Frame and hardware

