



Fiber Optic Cable Puller



Fiber Optic Cable Puller Package

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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.

Condux Fiber Optic Cable 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. There are two packages 1&3 that are available:

Package 1 contains: Fiber Optic Cable Puller, Foot Control and Hoses. Does not include a remote mounting stand or a base mount. Please order separately.

Package 3 contains: All items from package 1: Fiber Optic Cable Puller, Foot Control and Hoses.

The Condux Fiber Optic Cable Puller Package 3 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.

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 these items separately if required.

NOTE: The Hydraulic Power source is sold separately

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

U.S. Patent #5,559,294

Full training, theory and practical is always provided.



Components

- Hydraulic puller mounted on a standard 2 1/2" (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 System

Advantages

- Lightweight means easy to setup

Features

- Easy set up, safe to use
- Variable speed control
- Bi-directional
- Easy to use Electronic Control Box (ECB) system

Optional Extras

- Base mount
- Remote mounting stand
- Pole Mounting Frame
- Additional Capstans
- Mounting Sockets
- Calibration Dynamometer

Product Models

	08690001	08690055
Fiber Optic Cable Puller Package 1	✓	
Fiber Optic Cable Puller Package 2		✓
What's in the box?		
Fiber Optic Cable Puller	✓	✓
Foot Control	✓	✓
Hoses	✓	✓
Electronic Control Box (ECB) system		✓
Paperless Chart Recorder		✓

Capstan Options:

	8675230	8675430	8675436	8675220
30" (762 mm) Capstan 4" (102 mm) wide	✓			
30" (762 mm) Capstan 8" (203 mm) wide		✓		
42" (1067 mm) Capstan			✓	
50" (1270 mm) Capstan				✓



Fibre Optic Cable Puller 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	<i>lbs</i>	<i>kN</i>	<i>lbs</i>	<i>kN</i>	<i>lbs</i>	<i>kN</i>	<i>lbs</i>	<i>kN</i>
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	<i>ft/min</i>	<i>m/min</i>	<i>ft/min</i>	<i>m/min</i>	<i>ft/min</i>	<i>m/min</i>	<i>ft/min</i>	<i>m/min</i>
No Load	93.9	28.6	240	73.2	328.4	100	391.4	119.3
At Maximum Force	93.9	28.6	240	73.2	328.4	100	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	8HP (5.97 kw)							

Fibre Optic Cable Puller Capstans

	30 in (762 mm) Diameter Capstan		30 in (762 mm) Diameter Capstan		42 in (1067 mm) Diameter Capstan		50 in (1270 mm) Diameter Capstan	
Part Number	8675230		8675430		8675436		8675220	
Flat Surface	<i>in</i>	<i>mm</i>	<i>in</i>	<i>mm</i>	<i>in</i>	<i>mm</i>	<i>in</i>	<i>mm</i>
Width	4	102	8	203	8	203	8	203
Pulling Force	<i>lbs</i>	<i>kN</i>	<i>lbs</i>	<i>kN</i>	<i>lbs</i>	<i>kN</i>	<i>lbs</i>	<i>kN</i>
Maximum/Continuous	1,000	4.4	600	2.7	600	2.7	600	2.7
Pulling Speed	<i>ft/min</i>	<i>m/min</i>	<i>ft/min</i>	<i>m/min</i>	<i>ft/min</i>	<i>m/min</i>	<i>ft/min</i>	<i>m/min</i>
At Maximum Force	240	73.2	240	73.2	328.4	100	391.4	119.3
Cable Diameter	<i>in</i>	<i>mm</i>	<i>in</i>	<i>mm</i>	<i>in</i>	<i>mm</i>	<i>in</i>	<i>mm</i>
Maximum	0.75	19	0.75	19	1.05	26.7	1.25	32.5