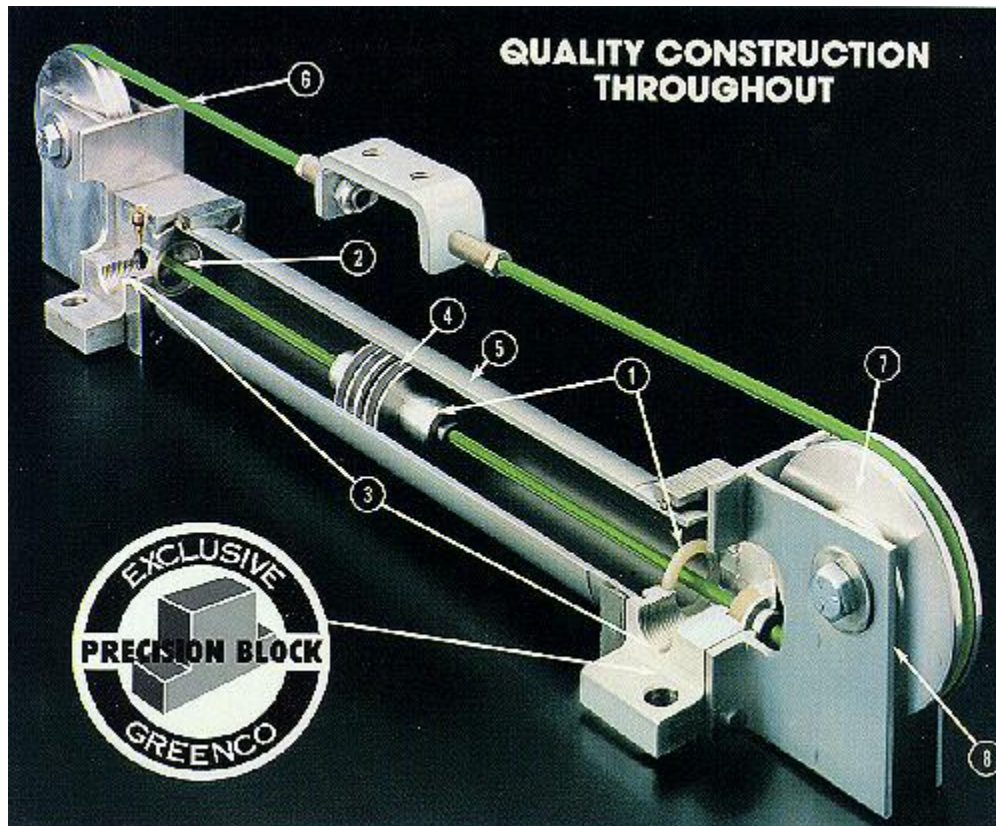


# GREENCO

LEADERS IN RODLESS CYLINDERS

## CABLE-TROL CABLE CYLINDERS



- 1. QUALITY PNEUMATIC CUSHIONING** - The fully-adjustable cushioning brings the piston to a gentle stop at the end of each stroke. Rate of deceleration is controlled by a self-locking needle adjustment valve. Models 05, 07, and 10 have fixed cushioning
- 2. FAST BREAKAWAY** - with quality pneumatic cushioning. A flexible polyurethane cushion seal allows faster breakaway on models 15 - 80.
- 3. EXCLUSIVE PRECISION BLOCK** - provides the strongest possible bridge between sheave bracket and tube. N. F. P. A. specifications for foot, flange or tapped hole mounting.
- 4. HIGH STRENGTH ALUMINUM PISTON WITH SYNTHETIC PACKING** - Low friction aluminum piston has greater impact strength than ordinary cast iron type. Provides excellent wearing and

corrosion resistant qualities. Each piston is precision machined, polished and securely fastened to the cable.

**5. PRECISION CYLINDER TUBE** - Available in hard-coated aluminum, steel with painted exterior or plated steel providing rugged strength, low friction, and corrosion resistance.

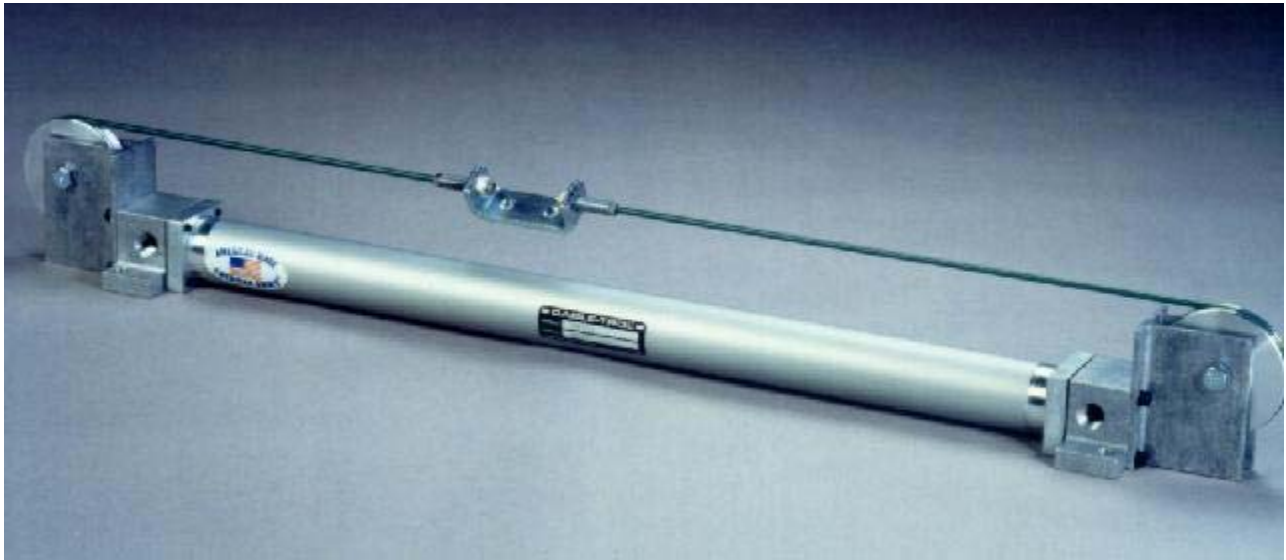
**6. NYLON COATED STEEL CABLES** - An aircraft type steel cable replaces the piston rod. A nylon coating acts as a smooth surface on which to seal. Cylinder always "pulls" the load through tension on the cable.

**7. PRECISION SHEAVES** - These guide the cable through the seal in accurate alignment. The precision sheaves also protect the cable coating for longer seal-cable life. Exclusive symmetrical bolt-on construction allows the sheave to be located in any of four positions (90 Degrees apart) with respect to the mounting.

**8. FACTORY-LUBRICATED NEEDLE BEARINGS** - Precision, pre-lubricated needle bearings can be replaced in the field.

- **EQUAL FORCE IN BOTH DIRECTIONS** - Since the cable area is relatively small the "push" and "pull" forces and volume displacement are approximately equal for either single or double ended styles
- **SAVE SPACE - REDUCE UNIT WEIGHT** - The length of a cable cylinder is little more than half that of a conventional piston rod cylinder. Length is always constant, providing the designer with new freedom of arrangement. There is no extended or retracted length. The extra weight of the piston rod is also eliminated by using cylinders.

## **STANDARD FEATURES MODELS 05, 07, 10**

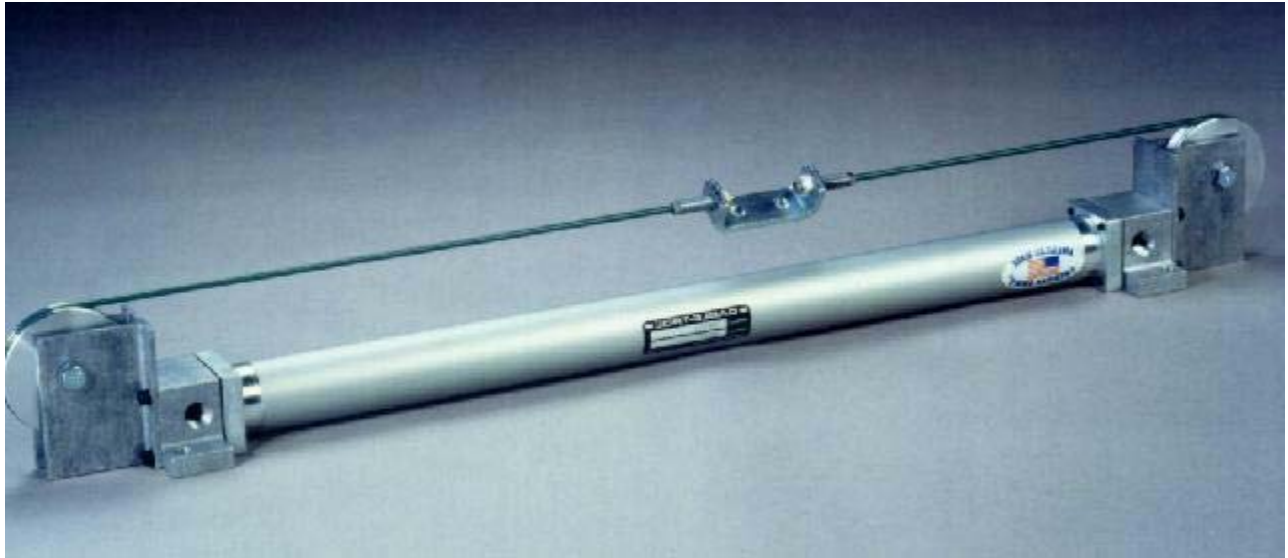


- Cadmium plated steel sheaves with needle bearings
- Die-Cast aluminum heads
- Piston - One piece precision aluminum piston with Turcite Slydring bearing.
- Aluminum hard-coated tubes or steel tubes (special plating available)
- Nylon coated aircraft type steel cable (heavy duty cable is available)
- Air and oil use up to 150 psi.
- Strokes to 60 feet or more
- 1/8" NPT Ports
- Reed switches available

### **EXCLUSIVE E-Z LOCKSEAL**

Greenco's exclusive cadmium plated steel E-Z LOCKSEAL provides a positive lock and seal which will prevent accidental "bursting". A standard screwdriver is all that is needed to remove or replace. No retaining rings necessary.

## STANDARD FEATURES MODELS 15 thru 80



- Exclusive precision block provides the strongest possible bridge between sheave bracket and tube
- Adjustable cushions
- One piece "C" trolley standard on models 05-40. "H" trolley optional on models 15-40.
- Models 50, 60, 80 - "H" trolley standard
- Available with hardcoated aluminum tubing or optional steel tubing (special plating available)
- Tube splicing is required for strokes over 24'
- Aluminum sheaves with needle bearings
- Nylon coated aircraft type steel cable
- Available with automatic tensioners
- Symmetrically attached sheave bracket can be rotated in 4 directions
- Air and oil use to 150 psi.
- Reed switches available
- Optional SAE and Metric BSP ports available

### MODEL 20P (2") FEATURES:

- Hydraulic service up to 500 psi
- Cast aluminum sheaves with ball bearings
- Cast aluminum sheave bracket
- Heavy duty "C" trolley
- Hard coated aluminum or steel tube

### MODEL 25P (2 1/2") FEATURES:

- Hydraulic service up to 500 psi.
- Heavy duty trolley and sheave assembly
- Hard coated aluminum or steel