

AIR1030

CAPSTAN SERIES

The Pneumatic Capstan



AIR1030 Shown

APPLICATIONS

Utility and Construction Applications

Pull Coaxial or Electrical Cable

Antenna Tower Maintenance

Transformer Replacement

FEATURES

Rotary Vane Air Motor

Worm Gear Reduction

Portable and Rugged

Capstan Rope Drum

Reversible

50% Duty Cycle

Pendant Control

AIR1030

Construction Features:

- Heavy-duty angle base drilled for four (4) 1/2" bolts (9/16" mounting holes) with no welding required
- Fully sealed aluminum housings, with precision-cut gears, run in an oil bath
- Stress-proof drum shaft
- Frictionless bearings

Gear System:

- 60:1 total reduction
- 30:1 hardened steel worm and forged bronze worm gear drive
- 2:1 motor to worm shaft chain drive with chain guard.
- Adjustable chain drive tension

Power:

- 4 HP Rotary Vane Air Motor
- Optimal performance with 100 psi, 65 cfm
- End user must provide clean, dry, lubricated air.

Lifting Capacity

- 800 Lb. Single Line Lift
- 1600 Lb. Double Line Lift

Speeds

- 25 FPM: 800 lb.-Single Line Lift
- 12 FPM: 1,600 lb.-Double Line Lift

Controls:

The pneumatic capstan is supplied with a two button handheld pendant assembly on a 10' hose. It is pilot valve operated.

Duty Cycle:

- 50% - 30 min/hr when operating at full load

Capstan Drum:

- Machined, cast aluminum drum
- 4" working diameter

Hoisting Rope:

Consult your rope dealer for the rope type and diameter. Capstan drums generate friction and heat which is transferred to the

rope. See the My-te Capstan Safety Guide for more information. My-te capstan drums are not designed for use with wire rope.

Dimensions:

(W" x H" x L) 12"x10 5/8"x17"

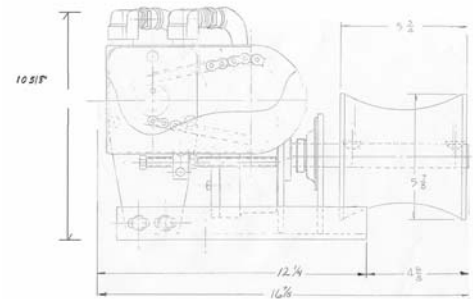
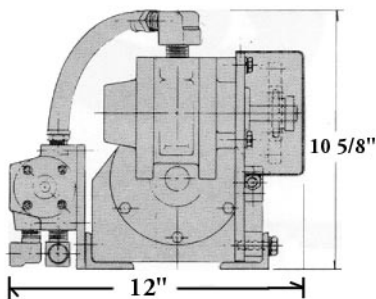
Shipping Weight:

71 Lb.

Available Accessories:

- Pole Mount Adapter
- Receiver Hitch Mount
- Swivel Base
- Lever Operated Valve
- Foot Pedal Valve

My-te can design custom winch-hoists for a wide variety of applications. For assistance contact your nearest My-te Dealer, or contact the factory direct by phone, fax or E-mail.



All My-te Winch-Hoists are designed for material handling only. Do not use My-te Winch-Hoists for man-riding.

