

# 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"

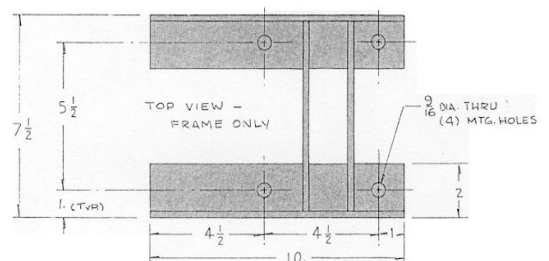
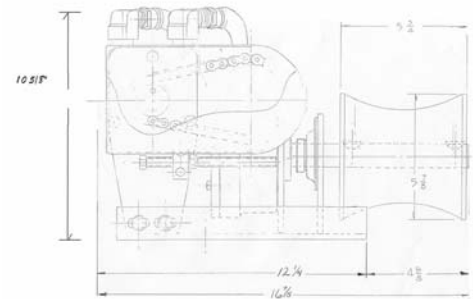
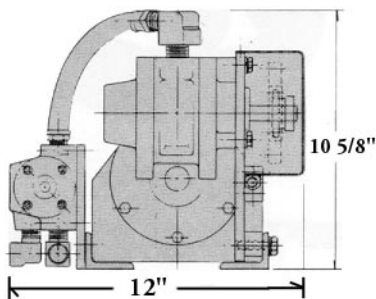
## Shipping Weight:

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.**