

TCS CHEETAH Air Powered Hoists with Pendant and Cord Controls and Hook Suspension

TCS CHEETAH air hoists have extremely fast and uniquely adjustable lifting and lowering speeds. These hoists are lightweight, compact and have outstanding feathering ability making them a perfect fit for fast-paced assembly line and workstation crane applications.



Features and Benefits

Standard Hoist Specifications

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| <p>Unlimited Duty Cycle For continuous operation</p> <p>Spring-Loaded Multi-Vane Motor Design Permits very fine feathering control</p> <p>Extremely Fast Lifting For applications where speed is critical</p> <p>Extremely Compact & Lightweight Body Cast aluminum body allows for easy operation, transportation and storage</p> <p>External Speed Adjustment Screw No tools required to set specific speeds</p> <p>Adjustable Lifting and Lowering Speeds Increases production capabilities</p> <p>Heavy-duty Disc Motor Brake System For reliable load support</p> <p>Low Noise Levels Adds to operator comfort</p> <p>Nickel Plated Load Chain Resistant to corrosion, abrasion and wear</p> | <p>Capacity Range 1/4 – 1 Ton</p> <p>Standard Lift 10' (longer lifts available)</p> <p>Standard Pendant or Cord Length Hangs approximately 4' above the hoist's fully extended bottom hook (longer lengths available)</p> <p>Air Supply Requirement 60 – 90 psi</p> <p>Air Lubrication Requirement Minimum 10 to 15 drops of oil per minute (0.2 – 0.3 cc/min.)</p> <p>Air Filtration Maximum 5 micron air filter or finer required</p> <p>Air Inlet Port 1/2" NPT</p> <p>Air Supply Hose Minimum Size 1/2"</p> <p>Temperature Range +14° – 140°F</p> <p>Chain Containers Optional Canvas or Steel</p> |
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TCS PENDANT MODEL—SPECIFICATIONS

| Cap. (Tons) | Product Code | Standard Lift (ft) | Push Button Hose L (ft) | Up/Down Speeds (ft/min @ 90 psi) | | Up/Down Air Consumption Rates (cubic ft/min @ 90 psi) | | Load Chain Diameter (mm) x Chain Fall Lines | Net Weight (lbs) | Weight for Additional One Foot of Lift (lbs) |
|-------------|--------------|--------------------|-------------------------|----------------------------------|-----------|---|-----------|---|------------------|--|
| | | | | No Load | Full Load | No Load | Full Load | | | |
| 1/4 | TCS250P | 10 | 8.1 | 207 / 125 | 112 / 207 | 74 / 64 | 60 / 71 | 6.3 x 1 | 46 | 0.6 |
| 1/2 | TCS500P | 10 | 8.1 | 108 / 62 | 56 / 112 | 74 / 64 | 60 / 71 | 6.3 x 1 | 46 | 0.6 |
| 1 | TCS1000P2 | 10 | 8.1 | 54 / 31 | 28 / 56 | 74 / 64 | 60 / 71 | 6.3 x 2 | 60 | 1.2 |

TCS PENDANT MODEL—DIMENSIONS

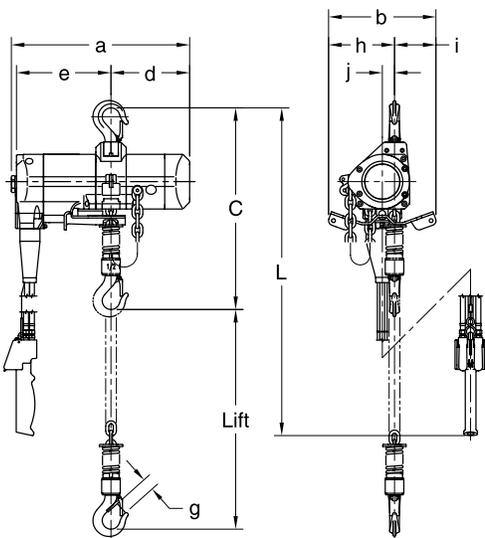
| Cap. (Tons) | Product Code | Headroom C (in) | a (in) | b (in) | d (in) | e (in) | g (in) | h (in) | i (in) | j (in) |
|-------------|--------------|-----------------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1/4 | TCS250P | 16.3 | 14.4 | 6.6 | 6.4 | 8.0 | 1.0 | 4.4 | 2.2 | 1.0 |
| 1/2 | TCS500P | 16.3 | 14.4 | 6.6 | 6.4 | 8.0 | 1.0 | 4.4 | 2.2 | 1.0 |
| 1 | TCS1000P2 | 18.0 | 14.4 | 9.0 | 6.4 | 8.0 | 1.1 | 6.3 | 2.7 | 1.9 |

TCS CORD MODEL—SPECIFICATIONS

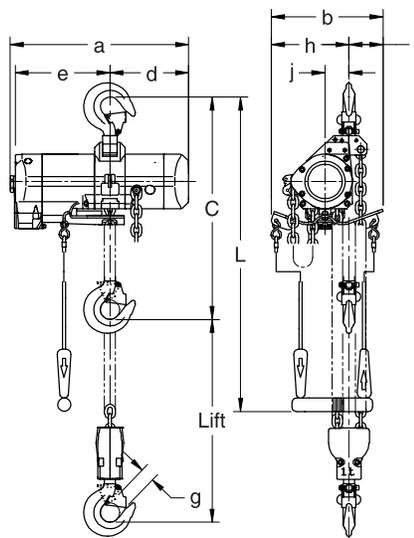
| Cap. (Tons) | Product Code | Standard Lift (ft) | Cord L (ft) | Up/Down Speeds (ft/min @ 90 psi) | | Up/Down Air Consumption Rates (cubic ft/min @ 90 psi) | | Load Chain Diameter (mm) x Chain Fall Lines | Net Weight (lbs) | Weight for Additional One Foot of Lift (lbs) |
|-------------|--------------|--------------------|-------------|----------------------------------|-----------|---|-----------|---|------------------|--|
| | | | | No Load | Full Load | No Load | Full Load | | | |
| 1/4 | TCS250C | 10 | 7.3 | 207 / 125 | 112 / 207 | 74 / 64 | 60 / 71 | 6.3 x 1 | 44 | 0.6 |
| 1/2 | TCS500C | 10 | 7.3 | 108 / 62 | 56 / 112 | 74 / 64 | 60 / 71 | 6.3 x 1 | 44 | 0.6 |
| 1 | TCS1000C2 | 10 | 7.3 | 54 / 31 | 28 / 56 | 74 / 64 | 60 / 71 | 6.3 x 2 | 58 | 1.2 |

TCS CORD MODEL—DIMENSIONS

| Cap. (Tons) | Product Code | Headroom C (in) | a (in) | b (in) | d (in) | e (in) | g (in) | h (in) | i (in) | j (in) |
|-------------|--------------|-----------------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1/4 | TCS250C | 16.3 | 14.4 | 8.7 | 6.4 | 8.0 | 1.0 | 5.3 | 3.3 | 1.0 |
| 1/2 | TCS500C | 16.3 | 14.4 | 8.7 | 6.4 | 8.0 | 1.0 | 5.3 | 3.3 | 1.0 |
| 1 | TCS1000C2 | 18.0 | 14.4 | 9.0 | 6.4 | 8.0 | 1.1 | 6.3 | 2.7 | 1.9 |



TCS250P
Single Fall Pendant Model



TCS1000C2
Double Fall Cord Model