

Variable Speed Control



1/2 - 3 Ton
Made In USA

Model CAH Air Powered Hoist

Coffing Large Frame, Model CAH - Large frame air chain hoists featuring continuous duty service for precise, infinitely variable speed and accurate load spotting.

- **CAPACITIES & LIFT** - Rated loads of 1, 2 & 3 ton. 10-foot standard lift, longer lifts available.
- **CONTROLS** - Pendant throttle is full-flow design. 6-foot pendant hose length for 10-foot lift (4-foot less than lift—standard).
- **THROTTLE VALVE** - Precision throttle valves meter air for smooth starts.
- **SUSPENSION** - Swivel top and bottom hooks with safety latches standard. Rigid top hook, lug, plain, geared, and air motor trolleys available.
- **SPEEDS** - Precise and infinitely variable speed control for accurate load spotting. 90 PSI air operating pressure.
- **ALUMINUM HOUSING** - Lightweight, compact, and strong.
- **MOTOR** - 8-vane rotary air motor produces high, uniform torque and quick response. Internal muffler for quiet operation.
- **GEARING** - Combination of precision cut, heat-treated helical and spur gears for efficient operation.
- **MECHANICAL LOAD BRAKE** - Positive acting Weston-type load brake holds the load and provides exacting load spotting and control.
- **OVERLOAD CLUTCH** - Protects hoist, operator, and supporting structures from damaging overloads. Clutch acts as upper and lower limits.
- **SPARK RESISTANT MODELS** - Rated loads 1/2, 1 & 2 ton.
- **OPTIONS** - Corrosion resistant models and chain containers also available.
- **AIR SUPPLY** - Inlet size: 3/4" NPTF; Supply hose: 3/4" I.D. min.
- **LIFETIME WARRANTY**

SPECIFICATIONS

Model CAH Air Hoists - Large Frame

| Capacity | | Model Number | Number of Chains | Lift Speeds * (FPM) | | ‡ Headroom (In.) | Air Pressure (PSI) | Net Weight (Lb.) |
|----------|--------|--------------|------------------|---------------------|----------|---------------------------------|--------------------|------------------|
| (Lbs.) | (Tons) | | | Lifting | Lowering | | | |
| 2000 | 1 | CAH-2013 | 1 | 13 | 18 | 16 ⁹ / ₁₆ | 90 | 93 |
| 2000 | 1 | CAH-2030 | 1 | 30 | 42 | 16 ⁹ / ₁₆ | 90 | 95 |
| 4000 | 2 | CAH-4006 | 2 | 6 | 9 | 22 ¹ / ₄ | 90 | 110 |
| 4000 | 2 | CAH-4015 | 2 | 15 | 21 | 22 ¹ / ₄ | 90 | 112 |
| 6000 | 3 | CAH-6004 | 3 | 4 | 6 | 24 | 90 | 144 |
| 6000 | 3 | CAH-6010 | 3 | 10 | 14 | 24 | 90 | 146 |

Spark Resistant Models

| | | | | | | | | |
|------|-----|------------|---|----|----|--------------------------------|----|-----|
| 1000 | 1/2 | CAH-0516-S | 1 | 16 | 22 | 16 ³ / ₄ | 90 | 95 |
| 2000 | 1 | CAH-1008-S | 2 | 8 | 11 | 22 ⁷ / ₈ | 90 | 112 |
| 4000 | 2 | CAH-2005-S | 3 | 5 | 7 | 25 ⁷ / ₈ | 90 | 146 |

* Speeds based on 90 PSI line pressure and with full rated load.

‡ Headroom dimension given for swivel top hook suspension only.

Air Consumption: 70 SCFM (full load - full speed) slow speed model; 80 SCFM (full load - full speed) fast speed model.

Standard lift 10 ft.
Longer lifts are available

NOTE: For complete dimensional data, refer to Coffing Dimensional Databook.