

CONTINUOUS DUTY- PRECISE POSITIONING

AIR POWERED HOISTS

MODEL
AC



AC Model Air Powered Hoist

COFFING AC Models - Air chain hoists featuring continuous duty service for precise, infinitely variable speed and accurate load spotting.

CAPACITIES & LIFT - Rated loads 1/4 to 6 Tons. 10, 15, and 20-foot standard. Other lifts available.

CONTROLS - Standard rope pull cord is 3-feet less than lift. Optional twist rod, lever pendant, and hook-mounted controls available.

SUSPENSION - Swivel top and bottom hooks with safety latches standard. Air trolley available in 3 and 6 tons — consult factory.

SPEEDS - Precise and infinitely variable speed control for accurate load spotting. 90 PSI air operating pressure.

COMPACT CONSTRUCTION - Ideal for use in areas with restricted space. Lightweight and portable - 1/4, 1/2 & 1 ton units weigh less than 50 lbs.

MOTOR - Rotary vane type motor provides for high uniform torque and quick response. Bronze muffler built into valve housing for quiet operation.

PLANETARY GEARS - Designed to withstand continuous operation at full load. Permanently lubricated for long life.

DISC TYPE MOTOR BRAKE - Releases automatically when motor shaft rotates in hoisting direction and sets with slight motor shaft rotation in lowering direction. Designed to eliminate load drift.

MAIN VALVE - Air balanced, spring centered unit provides smooth starts and excellent inching characteristics.

LIMIT SWITCHES - Upper and lower paddle limit switch with plugging to regulate load travel.

LIFETIME WARRANTY



1/4 - 6 Ton

● SPECIFICATIONS ●

AC Model Air Powered Hoists

Capacity			Model Number	No. of Chains	Standard Lifts (ft.)	Lift Speed (fpm)	Headroom (in.)	Housing Dimensions (in.)			Air Pressure (psi)	Net Wt. (lb.)
(lb.)	(kg) †	(Ton)						H	W	L		
500	250	1/4	AC-0500	1	10, 15, 20	61	14 13/16	9 1/4	4 15/16	15 3/8	90	37
1000	500	1/2	AC-1000	1	10, 15, 20	41	14 13/16	9 1/4	4 15/16	15 3/8	90	37
2000	1000	1	AC-2000	2	10, 15, 20	21 1/2	17 1/2	9 1/4	4 5/8	15 3/8	90	46
6000	3000	3	AC-6000	1	10, 15, 20	10 1/2	22 5/8	10	8 5/16	21 1/2	90	109
12000	6000	6	AC-12000	2	10, 15, 20	5 1/4	30 7/8	10	9 13/16	21 1/2	90	175

† Metric rated option available.

Note: Speed and air consumption figures should be used only as estimates of hoist performance. Actual data may vary plus or minus 15% because of individual motor characteristics. Do not operate AC hoists at an air pressure of greater than 100 psi. A 1/2" NPT air filter-regulator-lubricator is recommended for optimum operation.

Air Consumption Data

Capacity			Full Load		Half Load	
(lb.)	(kg)	(Ton)	(fpm)	(cfm)	(fpm)	(cfm)
500	250	1/4	61	76	86 1/2	91
1000	500	1/2	41	78	71	104
2000	1000	1	21 1/2	77	35 1/2	101
6000	3000	3	10 1/2	84	16	106
12000	6000	6	5 1/4	84	8	106

Note: For complete dimensional data, refer to Coffing Dimensional Databook