

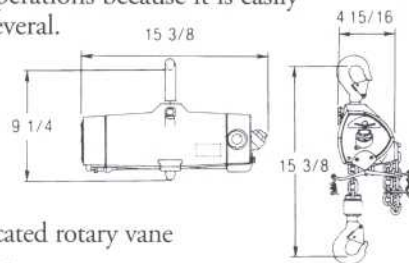
# Yale<sup>®</sup> ACL Air Chain Hoist



## Rated Loads: 1/4, 1/2, 1, 3, and 6 Tons

The Yale ACL air chain hoist is light and portable enough to be carried (the 1/2 ton unit weighs only 37 lbs.). This makes it ideally suited for maintenance type operations because it is easily moved from one job to another—one hoist can do the work of several.

Small external dimensions allow the ACL to work in cramped places. More available floor space can be utilized because the compact design allows close approach to walls and other fixtures.



## Features

- Capacities – 1/4 to 6 tons.
- Lightweight and portable
- Economical
- Compact dimensions
- Disc type motor brake
- Efficient planetary gearing
- Choose from – standard pull cord or optional twist rod or lever pendant controls
- Lifetime lubricated gears
- Variable speed control
- Axially located rotary vane type motor
- Twin high ratio planetary gear assembly
- Disc type motor brake
- Top and bottom hooks are drop forged with safety latches.
- A convenient pull control is standard
- An optional lever pendant control is available for the Yale ACL and offers excellent control for load inching. Pendants are available in lengths of 6.6 feet, 12 feet, 17 feet, 23 feet, and 32 feet.

## BASIC HOIST DATA

Rated Loads: 1/4, 1/2, 1, 3, and 6 ton.  
 Air Pressure Recommended: 90 PSI  
 Lift: 10 foot lifts are standard.

Trolley Dimensions: All given for min. I-beam.  
 Pull Cord Drop: 7 foot drop is standard.

## OPTIONAL CHAIN CONTAINERS FOR ACL

Optional Yale ACL chain containers are made of tough reinforced PVC sheeting for long life. The containers are available for a variety of chain lengths.

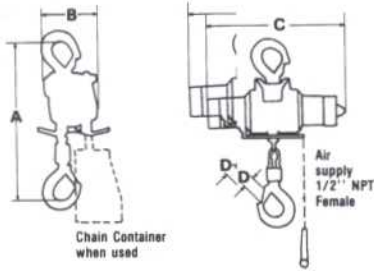
For maximum economy and efficiency, a rugged Yale trolley may be the best way to suspend your ACL. Yale makes plain and geared trolleys in capacities all the way to 40 tons. Dimensions for Yale plain trolleys are shown with the ACL for your convenience.

For more frequent load handling over greater distances, the air motorized ACT trolley may be the answer. Available in 3 and 6 ton capacities, the Yale ACT air motorized trolleys are equipped with self-locking worm gears which act as trolley brakes. Yale ACL motorized trolleys are standard with pull cord control or you can specify optional pendant lever control.

Capacity	Lift	Part Number
1/4 & 1/2	10 ft. lift	645022174
1/4 & 1/2	23 ft. lift	645022175
1/4 & 1/2	40 ft. lift	645022176
1/4 & 1/2	60 ft. lift	645022177
1	11 1/2 ft. lift	645022175
1	20 ft. lift	645022176
1	30 ft. lift	645022177
3	20 ft. lift	645970300
3	39 ft. lift	636241200
6	10 ft. lift	645970300
6	19 ft. lift	646352300

# Yale ACL Air Chain Hoist

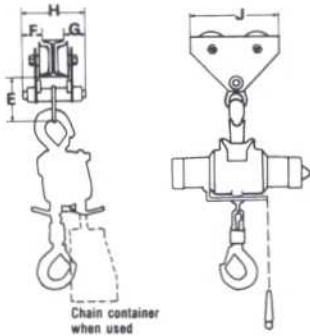
## ACL HOOK TYPE



## OUTLINE DIMENSIONS (IN)

Capacity (tons)	Model No.	Lifting Spd. fpm	A	B	C	D	Net Wt. (lbs.)	Ship Wt. (lbs.)
1/4	ACL1/4	61	14 <sup>13/16</sup>	4 <sup>15/16</sup>	15 <sup>3/8</sup>	1 <sup>3/16</sup>	37	42
1/2	ACL1/2	41	14 <sup>13/16</sup>	4 <sup>15/16</sup>	15 <sup>3/8</sup>	1 <sup>3/16</sup>	37	42
1	ACL1	21 <sup>1/2</sup>	17 <sup>1/2</sup>	4 <sup>5/8</sup>	15 <sup>3/8</sup>	1 <sup>3/16</sup>	46	51
3	ACL3	10 <sup>1/2</sup>	22 <sup>5/8</sup>	8 <sup>5/16</sup>	21 <sup>1/2</sup>	2	109	119
6	ACL6	5 <sup>1/4</sup>	30 <sup>7/8</sup>	9 <sup>13/16</sup>	21 <sup>1/2</sup>	2 <sup>7/16</sup>	175	185

## ACL WITH PLAIN TROLLEY\*



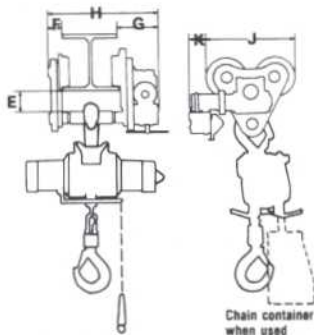
## OUTLINE DIMENSIONS (IN)

Capacity (tons)	E	F	G	H	J	Fits Flange Width		Min. Rad. Curve	Net Wt. (lbs.)†	Ship Wt. (lbs.)†
						Min.	Max.			
1/4 & 1/2	4 <sup>3/16</sup>	3 <sup>1/4</sup>	3 <sup>1/4</sup>	9 <sup>1/4</sup>	9 <sup>3/4</sup>	2.66	5.00	21	18	20
1	4 <sup>9/16</sup>	3 <sup>1/2</sup>	3 <sup>1/2</sup>	10	11 <sup>3/4</sup>	3.00	5.25	30	25	28
3	6 <sup>15/16</sup>	4 <sup>1/4</sup>	4 <sup>1/4</sup>	12	13 <sup>1/2</sup>	3.33	6.00	36	60	64
6	9 <sup>7/8</sup>	4 <sup>1/2</sup>	4 <sup>1/2</sup>	13 <sup>1/16</sup>	19 <sup>1/2</sup>	4.00	7.00	60	140	145

†Trolley only.

\*1/4 through 3 ton shown with Yale FWA trolley. 6 ton shown with Yale FTP trolley. Many other fine Yale trolleys are available.

## 3 & 6 TON ACL WITH ACT MOTORIZED TROLLEY



## OUTLINE DIMENSIONS (IN)

Capacity (tons)	E	F	G	H	J	K	Fits Flange Width		Min. Rad. Curve	Net Wt. (lbs.)†	Ship Wt. (lbs.)†
							Min.	Max.			
3	3 <sup>1/4</sup>	1 <sup>1/2</sup>	6 <sup>5/16</sup>	13	12 <sup>15/16</sup>	5	5.20	10.30	55	91	99
6	4 <sup>5/8</sup>	1 <sup>5/8</sup>	7 <sup>1/8</sup>	14 <sup>7/16</sup>	16 <sup>5/8</sup>	3 <sup>1/8</sup>	5.70	10.30	70	201	212

NOTE: Motorized trolley speed at full rated load is 60 fpm at 90 psi and 89 cfm.

†Trolley only.