

McLaughlin Hoist & Crane

MODEL

YJL
Electric Chain Hoists



Yale[®]
HOISTS

McLaughlin Hoist & Crane
Authorized Sales & Service

(636) 343-9700

www.stlcrane.com

The Choice for **Value** and **Performance**

Yale's YJL line of electric chain hoists combine new design features with our standard features that make it the top performer in the marketplace today.

OUTSTANDING FEATURES

- **Capacities & Lifts** – Rated loads from 1/4 to 2 Ton Metric Rated. Standard lifts of 10, 15, and 20 feet. Other lifts available. CSA approved.
- **Voltages** – 115/230 – single phase; 230/460, 208, 380, 415, 575 – three phase 60 Hertz standard, 50 Hertz available.
- **Electrical Controls** – IEC style controls meet or exceed electrical codes.
- **Chain Container Standard** – Molded quick connect chain container prevents slack chain from interfering with operator. 20 ft. lift single reeved, 10 ft. lift double reeved.
- **Improved Hoist Motor** – Steel housing and Class F Insulation for longer life. 2-speed with 3 to 1 speed ratio available.



Hook and Lug

Capacity (Lb.)	Capacity (Ton)	Model Number	No. of Chains	Motor HP	Lift Speed (FPM)		Headroom* (In.)	Housing Dimensions (In.)			Net Wt.** (Lb.)
					Single	Two		H	W	L	
500	1/4	YJL1/4-10*16S1	1	1/2	16	5.3	18 ¹ / ₈	8 ¹¹ / ₁₆	8 ¹¹ / ₁₆	24 ¹ / ₈	63
500	1/4	YJL1/4-10*32S1	1	1/2	32	10.7	18 ¹ / ₈	8 ¹¹ / ₁₆	8 ¹¹ / ₁₆	24 ¹ / ₈	75
1000	1/2	YJL1/2-10*16S1	1	1/2	16	5.3	18 ¹ / ₈	8 ¹¹ / ₁₆	8 ¹¹ / ₁₆	24 ¹ / ₈	75
1000	1/2	YJL1/2-10*32S1	1	1	32	10.7	18 ¹ / ₈	8 ¹¹ / ₁₆	8 ¹¹ / ₁₆	24 ¹ / ₈	88
2000	1	YJL1-10*16S1	1	1	16	5.3	18 ¹ / ₈	8 ¹¹ / ₁₆	8 ¹¹ / ₁₆	24 ¹ / ₈	90
4000	2	YJL2-10*8S2	2	1	8	2.7	20 ¹³ / ₁₆	8 ¹¹ / ₁₆	8 ¹¹ / ₁₆	24 ¹ / ₈	100

* For hook and lug mounted models only. ** Weight and dimensions for 10 ft. lift, single phase, top hook and lug suspension units.
Note: For complete dimensions, refer to dimensional data sheets.

Specifications

America's First Name in Industrial Lifting

Yale YJL Models - Designed for industrial duty performance. Compact in size, the YJL has standard features such as a multiple disc motor brake, overload clutch, and adjustable limit switches

- **H4 Duty Rating** – Handles heavy duty work environments.
- **Upper Composite Chain Guide** – Improves chain life.
- **Lower Chain Guide** – features easy capacity conversion.
- **Top Suspension** – Quick-change from hook mount to lug mount.
- **One Chain Size** – All models reduce inventory.
- **Manual & Motorized Trolleys** – Cross-mounted to improve end approach.
- **Increased Flange Range** - Up to 7 inches on motorized trolleys.
- **Improved Headroom** - For plain and motorized trolleys and 2 Ton models.
- **Weather Resistant** - Hoist is NEMA 3R enclosure.
- **Lifetime Warranty** - The Industry's Best.



Made In USA

Specifications

Trolley Mount

Capacity (Lb.) (Ton)		Model Number	Trolley ‡ Mount	YJL-PT Hdrm (In.)	YJL-MT Hdrm (In.)	YJL-PT Flange* Width (In.)	PT Beam Ht. (In.)	Min. Rad. Curve (In.)	YJL-PT Net Wt. (Lb.)	YJL-MT Net Wt. (Lb.)
500	1/4	YJL1/4-10(†)32S1	C	17 ¹⁵ / ₁₆	17 ¹⁵ / ₁₆	3 - 8	5 - 12	48	99	185
1000	1/2	YJL1/2-10(†)16S1	C	17 ¹⁵ / ₁₆	17 ¹⁵ / ₁₆	3 - 8	5 - 12	48	91	185
1000	1/2	YJL1/2-10(†)32S1	C	17 ¹⁵ / ₁₆	17 ¹⁵ / ₁₆	3 - 8	5 - 12	48	112	198
2000	1	YJL1-10(†)16S1	C	17 ¹⁵ / ₁₆	17 ¹⁵ / ₁₆	3 - 8	5 - 12	48	114	200
4000	2	YJL2-10(†)8S2	C	20 ⁵ / ₈	20 ⁵ / ₈	3.33 - 8	6 - 18	60	156	210

† Specify YJL-PT for plain trolley and YJL-MT for motorized trolley models.

‡ C = Cross mount, standard on all YJL trolley models.

* For YJL-MT models, standard flange adjustment is 3.33 - 7". Consult factory for special beam size options.

STANDARD FEATURES

- **Five-Pocket Load Sheave** – Increased chain and sheave engagement 25% over hoists with conventional four-pocket sheaves. Provides smoother lifting and reduces chain wear.
- **Mechanical Overload Protection Device** – Helps protect hoist, operator, and supporting structures from damaging overloads, chain jamming and reverse phasing.
- **Limit Switches** – Adjustable to regulate upper and lower load travel. Brass nuts standard for improved repeatability and chain positioning.
- **Multiple Disc Motor Brake** – Heavy duty design for reliable operation. Direct acting for positive load holding and spotting.
- **Chain End Stop Assembly** – Fits below dead end link on lifting chain for added measure of protection.
- **Oil Bath Transmission** – Precision machined alloy steel gears run in oil bath for longer, quieter operation.
- **Manual and Motorized trolleys** – Single and Dual Speed Models.
- **Wrap-Around Side Plates** – Act as safety lugs and as bumpers to protect wheels. Available to fit American Standard I-Beams, wide-flange, and patented track beams.
- **Precision Trolley Wheels** – Dual tread trolley wheels fit either flat or tapered I-Beams. Also available in bronze or stainless steel.



Easy Change Top Suspension



Quick Connect Chain Container



IEC Controls

WARNING

Overloading and Improper Use Can Result in Injury

To Avoid Injury:

- Do not exceed working load limit, load rating, or capacity.
- Do not use to lift people or loads over people.
- Use only alloy chain and attachments for overhead lifting.
- Read and follow all instructions.

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