



# MODEL JLC

# JLC HOIST FEATURES



## PANEL PLATE

Provides easy access to controls and motor leads for changing voltage on dual-voltage motors or performing hoist maintenance. Connection wires are numbered to assist maintenance.



## FIVE-POCKET LOAD SHEAVE

Increases chain and sheave engagement 25% over hoists with conventional four-pocket sheaves. Provides smoother lifting and reduces chain wear over four-pocket sheaves.



## MULTIPLE DISC MOTOR BRAKE

Heavy duty, direct acting design for positive load spotting and holding.



## LIMIT SWITCHES

Adjustable to regulate upper and lower load travel. Brass nuts standard for improved switch setting and repeatability. Stainless steel limit switch shaft standard.



## HOIST MOTOR

Finned aluminum housing and Class F insulation for longer life. 2-speed with 3 to 1 speed ratio available.



## MECHANICAL OVERLOAD PROTECTION DEVICE

Protects hoist, operator and supporting structures from damaging overloads, chain jamming, and reverse phasing.



## ERGONOMIC DESIGNED PUSH BUTTON STATION

Fits operator's hand for thumb or two-handed operation. 24 Volt Control standard for operator safety. 115 Volt Control available upon request. NEMA 3R (weather resistant). Severe impact and chemical/corrosive atmosphere resistant.



## CHAIN END STOP ASSEMBLY

Fits below dead end link on lifting chain for added measure of safety.

The **CHOICE**  
for **VALUE**  
and  
**PERFORMANCE**

MODEL  
**JLC**



## JLC Hook & Lug Suspension Models

**COFFING JLC Models** - Designed for industrial duty performance. Compact in size, the JLC features a multiple disc motor brake, overload clutch, and chain end stop for safety.

**CAPACITIES & LIFTS** - Rated loads from 1/8 to 2 Tons, with 10, 15, and 20-foot standard lifts. Other lifts available. Standard push button drop is 4-feet less than lift. CSA approved.

**VOLTAGES** - 115/230 - single phase; 230/460, 208, 380, 415, 575 - three phase, 60 hertz standard, 50 hertz available.

**TWO-SPEED HOIST MODELS** - Optional with 3 to 1 speed ratio, three-phase, single voltage only.

**STANDARD FEATURES** - See page 16.

**LIMIT SWITCHES** - Adjustable to regulate upper and lower load travel. Brass nuts standard for improved repeatability and chain positioning.

**OIL BATH TRANSMISSION** - Precision machined alloy steel gears run in oil bath for longer, quieter operation.

**NEMA 3R PUSH BUTTON STATION** - Ergonomic design fits operator's hand for thumb or two-handed operation. 24 Volt Control for operator safety. 115 Volt Control available upon request.

**FRAME** - Compact aluminum housing for portability and ease of installation.

**ACCESSORIES** - Full line of accessories available, including Variable Frequency Drives. See pages 25-30.

**CHAIN CONTAINER** - Standard on lifts up to 20 ft. single chain / 10 ft. double chain  
*Chain containers available for longer lifts*

**LIFETIME WARRANTY**



**1/8 - 2 Ton**  
**Made in USA**

### ● SPECIFICATIONS ●

JLC Top Hook and Lug Suspension

| Capacity |        |       | Model Number    | No. of Chains | Motor HP | Lift Speed (fpm) |      | Headroom * (in.) | Housing Dimensions (in) |         |        | Net Wt. ** (lb.) |
|----------|--------|-------|-----------------|---------------|----------|------------------|------|------------------|-------------------------|---------|--------|------------------|
| (lb.)    | (kg) † | (Ton) |                 |               |          | Single           | Two  |                  | H                       | W       | L      |                  |
| 250      | 125    | 1/8   | <b>JLC-0232</b> | 1             | 1/4      | 32               | 10.7 | 18 1/8           | 8 11/16                 | 8 11/16 | 24 1/8 | 63               |
| 500      | 250    | 1/4   | <b>JLC-0516</b> | 1             | 1/2      | 16               | 5.3  | 18 1/8           | 8 11/16                 | 8 11/16 | 24 1/8 | 63               |
| 500      | 250    | 1/4   | <b>JLC-0532</b> | 1             | 1/2      | 32               | 10.7 | 18 1/8           | 8 11/16                 | 8 11/16 | 24 1/8 | 75               |
| 1000     | 500    | 1/2   | <b>JLC-1016</b> | 1             | 1/2      | 16               | 5.3  | 18 1/8           | 8 11/16                 | 8 11/16 | 24 1/8 | 75               |
| 1000     | 500    | 1/2   | <b>JLC-1032</b> | 1             | 1        | 32               | 10.7 | 18 1/8           | 8 11/16                 | 8 11/16 | 24 1/8 | 88               |
| 2000     | 1000   | 1     | <b>JLC-2016</b> | 1             | 1        | 16               | 5.3  | 18 1/8           | 8 11/16                 | 8 11/16 | 24 1/8 | 90               |
| 4000     | 2000   | 2     | <b>JLC-4008</b> | 2             | 1        | 8                | 2.7  | 20 13/16         | 8 11/16                 | 8 11/16 | 24 1/8 | 100              |

† Metric rated option available.

\* 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 dimensional data, refer to Coffing Dimensional Databook



MODEL  
**JLC**

**MOTORIZED  
and MANUAL  
TROLLEY  
APPLICATIONS**



**1/8 - 2 Ton**  
**Made in USA**

**JLC Trolley Suspensions**

**COFFING JLCET and JLCMT Models** - Plain and motorized trolley suspensions with all the features of the basic JLC models for added flexibility in a variety of applications.

**PLAIN TROLLEY** - For manual positioning of hoist and load.

**MOTORIZED TROLLEY** - For faster positioning of hoist and load over longer distances. 35 or 75 FPM speeds standard - other speeds available. Trolley brake optional.

**VOLTAGES** - 115/230 - single phase; 230/460, 208, 380, 415, 575 - three phase, 60 hertz standard, 50 hertz available.

**TWO-SPEED MOTORIZED TROLLEY MODELS** - Optional with 3 to 1 speed ratio, three-phase, single voltage only.

**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** - Machined, cast iron wheels with sealed, lifetime lubricated ball bearings for extended trolley life. Motorized trolley wheels are heat treated for added durability, with bronze and stainless steel wheels optional.

**TROLLEY DESIGN** - 4-wheel design negotiates 48" minimum radius curve, including patented track applications (60" for JLCET 2-Ton only). Specify track type and beam size.

**LIFETIME WARRANTY**



JLC Trolley Suspensions

• **SPECIFICATIONS** •

| Capacity |         |       | Model Number       | Trolley ‡ Mount | JLCET Hdrm (in.) | JLCMT Hdrm (in.) | JLCET Flange * Width (in.) | Beam Ht. (in.) | Min. Rad. Curve (in.) | JLCET Net Wt. (lb.) | JLCMT Net Wt. (lb.) |
|----------|---------|-------|--------------------|-----------------|------------------|------------------|----------------------------|----------------|-----------------------|---------------------|---------------------|
| (lb.)    | (kg) †† | (Ton) |                    |                 |                  |                  |                            |                |                       |                     |                     |
| 250      | 125     | 1/8   | <b>JLC(†)-0232</b> | C               | 17 15/16         | 17 15/16         | 3 - 8                      | 5 - 12         | 48                    | 87                  | 173                 |
| 500      | 250     | 1/4   | <b>JLC(†)-0516</b> | C               | 17 15/16         | 17 15/16         | 3 - 8                      | 5 - 12         | 48                    | 87                  | 173                 |
| 500      | 250     | 1/4   | <b>JLC(†)-0532</b> | C               | 17 15/16         | 17 15/16         | 3 - 8                      | 5 - 12         | 48                    | 99                  | 185                 |
| 1000     | 500     | 1/2   | <b>JLC(†)-1016</b> | C               | 17 15/16         | 17 15/16         | 3 - 8                      | 5 - 12         | 48                    | 91                  | 185                 |
| 1000     | 500     | 1/2   | <b>JLC(†)-1032</b> | C               | 17 15/16         | 17 15/16         | 3 - 8                      | 5 - 12         | 48                    | 112                 | 198                 |
| 2000     | 1000    | 1     | <b>JLC(†)-2016</b> | C               | 17 15/16         | 17 15/16         | 3 - 8                      | 5 - 12         | 48                    | 114                 | 200                 |
| 4000     | 2000    | 2     | <b>JLC(†)-4008</b> | C               | 20 5/8           | 20 5/8           | 3 - 8                      | 6 - 18         | 60                    | 156                 | 210                 |

† Specify JLCET for plain trolley and JLCMT for motorized trolley models.

†† Metric rated option available.

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

\* For JLCMT models, standard flange adjustment is 3.33 - 6". Consult factory for special beam size options.

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