



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	JLC-0232	1	1/4	32	10.7	18 1/8	8 11/16	8 11/16	24 1/8	63
500	250	1/4	JLC-0516	1	1/2	16	5.3	18 1/8	8 11/16	8 11/16	24 1/8	63
500	250	1/4	JLC-0532	1	1/2	32	10.7	18 1/8	8 11/16	8 11/16	24 1/8	75
1000	500	1/2	JLC-1016	1	1/2	16	5.3	18 1/8	8 11/16	8 11/16	24 1/8	75
1000	500	1/2	JLC-1032	1	1	32	10.7	18 1/8	8 11/16	8 11/16	24 1/8	88
2000	1000	1	JLC-2016	1	1	16	5.3	18 1/8	8 11/16	8 11/16	24 1/8	90
4000	2000	2	JLC-4008	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**



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.

1/8 - 2 Ton

Made in USA

LIFETIME WARRANTY

● **SPECIFICATIONS** ●

JLC Trolley Suspensions

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	JLC(†)-0232	C	17 15/16	17 15/16	3 - 8	5 - 12	48	87	173
500	250	1/4	JLC(†)-0516	C	17 15/16	17 15/16	3 - 8	5 - 12	48	87	173
500	250	1/4	JLC(†)-0532	C	17 15/16	17 15/16	3 - 8	5 - 12	48	99	185
1000	500	1/2	JLC(†)-1016	C	17 15/16	17 15/16	3 - 8	5 - 12	48	91	185
1000	500	1/2	JLC(†)-1032	C	17 15/16	17 15/16	3 - 8	5 - 12	48	112	198
2000	1000	1	JLC(†)-2016	C	17 15/16	17 15/16	3 - 8	5 - 12	48	114	200
4000	2000	2	JLC(†)-4008	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



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