



HOISTS & WINCHES

Electric Chain Hoists

EC Hook & Lug Suspension Models

COFFING EC Models - High performance hoists engineered for heavy duty industrial service. Designed for safety, the EC incorporates mechanical load brake, motor brake, and overload clutch as standard.

- **CAPACITIES & LIFTS** - Rated loads from 1/4 to 5 Tons, with 10,15, and 20 - foot standard lifts. Other lifts available. Standard push button drop is 4 feet less than lift.
- **VOLTAGE & MOTOR OPTIONS** - 115/230, 208 - single phase; 230/460, 208, 220/380, 575- three phase. 60 hertz standard, 50 hertz available. Two-speed motors available (3 to 1 speed ratio).
- **SUSPENSION OPTIONS** - Rigid or swivel top hook, lug, plain, geared, and motorized trolley available.
- **STANDARD FEATURES** - Mechanical Load Brake, Multiple Disc Motor Brake, Ergonomic Designed Push Button Station, Five-Pocket Load Sheave, Limit switches, Solid State Starting Switch, Panel Plate, Chain End Stop assembly, Overload Clutch, Helical Gearing and Oil-Bathed Transmission.
- **SMALL FRAME DESIGN** - Features housings of cast aluminum alloy construction for minimum weight. Engineered and designed for use with motors up to 1 HP.
- **LARGE FRAME DESIGN** - Features load bearing housings of ductile iron construction for maximum strength. Non-load bearing housings of cast aluminum alloy for minimum weight. Engineered and designed for use with higher torque 2 and 3 HP three phase motors.
- **DURABLE CONSTRUCTION** - Built in compliance with ASME/ANSIB30.16 and CSA standards.
- **ACCESSORIES & OPTIONS** - Full line available to meet a variety of applications.
- **LIFETIME WARRANTY**



HOISTS & WINCHES

Capacity		Model Number	Frame Size*	Number of Chains	Motor HP	Lift Speed (FPM)		Headroom (in-)	Housing Dimensions			Net Weight (lbs)**
(lbs)	(tons)					Single	Two		H	W	L	
500	1/4	EC-0516	S	1	1/4	16	5.3	16 7/8	8	11 5/8	23 3/8	100
500	1/4	EC-0532	S	1	1/2	32	10.7	16 7/8	8	11 5/8	23 3/8	108
500	1/4	EC-0564	S	1	1	64	21.3	16 7/8	8	11 5/8	23 3/8	116
1000	1/2	EC-1009	S	1	1/4	9	3	16 7/8	8	11 5/8	2 3/8	104
1000	1/2	EC-1016	S	1	1/2	16	5.3	16 7/8	8	11 5/8	23 3/8	106
1000	1/2	EC-1032	S	1	1	32	10.7	16 7/8	8	11 5/8	23 3/8	118
2000	1	EC-2004	S	2	1/4	4	1.3	18 1/4	8	11 5/8	23 3/8	116
2000	1	EC-2008	S	2	1/2	8	2.7	18 1/4	8	11 5/8	23 3/8	116
2000	1	EC-2012	S	1	1	12	4	16 7/8	8	11 5/8	23 3/8	114
2000	1	EC-2016	S	1	1	16	5.3	16 7/8	8	11 5/8	23 3/8	118
2000	1	EC-2032	L	1	2	32	10.7	23	10 7/8	14 13/16	31 3/16	295
2000	1	EC-2048	L	1	3	48	16	23	10 7/8	14 13/16	31 3/16	302
4000	2	EC-4006	S	2	1	6	2	18 15/16	8	11 5/8	23 3/8	127
4000	2	EC-4008	S	2	1	8	2.7	18 15/16	8	11 5/8	23 3/8	133
4000	2	EC-4016	L	1	2	16	5.3	23	10 7/8	14 13/16	31 3/16	295
4000	2	EC-4024	L	1	3	24	8	23	10 7/8	14 13/16	31 3/16	302
6000	3	EC-6005	S	3	1	5	1.7	23 1/4	8	12	26 3/8	200
6000	3	EC-6010	L	2	2	10	3.3	27 3/8	10 7/8	14 13/16	31 3/16	340
6000	3	EC-6016	L	2	3	16	5.3	27 3/8	10 7/8	14 13/16	31 3/16	347
8000	4	EC-8008	L	2	2	8	2.7	27 3/8	10 7/8	14 13/16	31 3/16	345
8000	4	EC-8012	L	2	3	12	4	27 3/8	10 7/8	14 13/16	31 3/16	352
10,000	5	EC-10005	L	3	2	5	1.7	27 7/8	10 7/8	14 13/16	31 3/16	393
10,000	5	EC-10008	L	3	3	8	2.7	27 7/8	10 7/8	14 13/16	31 3/16	393

* S = Small frame hoist, parallel mounted, single or three phase. L = Large frame hoist, cross mounted, three phase only.
 ** For 10 ft. lift, top hook suspension and lug suspension units.
 Note: For complete dimensional data, refer to Coffing Dimensional Data book.



JLC Top Hook and Lug Suspension



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 AND 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** - Panel plate for easy access to controls and motor leads, Five-pocket load sheave provides smoother operation and less chain wear, Mechanical overload protection device protects operator, hoist and support structures from damaging overloads, chain jamming, and reverse phasing, and chain end stop assembly for added safety.
- **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 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's safety. 115 Volt Control available upon request.
- **FRAME** - Compact aluminum housing for portability and ease of installation.
- **ACCESSORIES** - Full line of accessories available.
- **CHAIN CONTAINER** - Standard on lifts up to 20 ft. single chain / 10 ft. double chain. Chain containers available for longer lifts.
- **LIFETIME WARRANTY**

JLC Hoist Specifications

Capacity			Model Number	Number of Chains	Motor HP	Lift Speed (FPM)		Headroom (In.)*	Housing Dimensions			Net Weight (lbs)**
(lbs)	(Kg) ⁺	(tons)				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 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 SLC Hoist

Easy to Use

- Small, compact design-commercial & industrial applications.
- Lightweight and portable.
- Easy installation and maintenance. H4 duty cycle (300 motor starts /hour).

Special Mode Features

- Friction-type overload device prevents lifting excessive overloads.
- 10 pocket oblique lay liftwheel provides longer chain life and extended service.
- NEMA 4 industrial-rated pendant control.
- Lifetime, grease-lubricated gear train - less maintenance.
- Alloy load chain (zinc plated optional).
- Thermally protected motor prevents damage from possible overheating.
- D.C. braking system for positive load control.
- Durability - Epoxy powder-coat finish on rugged cast aluminum alloy frame.



Model Number	Capacity (lbs)	Number of Chains	Lifting Speed (FPM)	Voltage		Headroom (in.)	Housing Dimensions (in.)			Ship Weight (lbs)
				Standard	Optional		H	W	L	
SLC-0216	250	1	16	230/460-3-60	115-1-60	11-1/16	4-1/16	5-15/16	12-1/2	28
SLC-0224	250	1	24	230/460-3-60		11-1/16	4-1/16	5-15/16	12-1/2	28
SLC-0240	250	1	40	230/460-3-60		11-1/16	4-1/16	5-15/16	12-1/2	28
SLC-0316	300	1	16	230/460-3-60	115-1-60	11-1/16	4-1/16	5-15/16	12-1/2	28
SLC-0324	300	1	24	230/460-3-60		11-1/16	4-1/16	5-15/16	12-1/2	28
SLC-0340	300	1	40	230/460-3-60		11-1/16	4-1/16	5-15/16	12-1/2	28
SLC-0508	500	2	8	230/460-3-60	115-1-60	11-1/16	4-1/16	5-15/16	12-1/2	34
SLC-0512	500	1	12	230/460-3-60	115-1-60	11-1/16	4-1/16	5-15/16	12-1/2	28
SLC-0516	500	1	16	230/460-3-60		11-1/16	4-1/16	5-15/16	12-1/2	28
SLC-0520	500	2	20	230/460-3-60		11-1/16	4-1/16	5-15/16	12-1/2	34
SLC-0524	500	1	24	230/460-3-60		11-1/16	4-1/16	5-15/16	12-1/2	28
SLC-0608	600	2	8	230/460-3-60	115-1-60	11-1/16	4-1/16	5-15/16	12-1/2	34
SLC-0612	600	2	12	230/460-3-60		11-1/16	4-1/16	5-15/16	12-1/2	34
SLC-0620	600	2	20	230/460-3-60		11-1/16	4-1/16	5-15/16	12-1/2	34
SLC-1008	1000	2	8	230/460-3-60	115-1-60	11-1/16	4-1/16	5-15/16	12-1/2	32
SLC-1012	1000	2	12	230/460-3-60		11-1/16	4-1/16	5-15/16	12-1/2	32

Note: Standard lifts 10 ft. Other lifts available. Standard push button drop is 4 ft. less than lift.

HOISTS & WINCHES

EMC and EMW Models

COFFING EMC & EMW Models - Compact chain and wire rope hoists designed for a variety of light duty applications. These models feature thermally protected motors.



300 & 500 Lb.

500 lb.

- **CAPACITIES & LIFT** - Rated loads 300 and 500 pounds. 10 foot lift with 6 foot push button cord standard.
- **VOLTAGES** - 115V, single phase motors only.
- **SUSPENSION** - Swivel top and bottom hooks with safety latches standard.
- **POWER CORD** - Provided with grounded 3 prong plug for easy installation in any portability. Weighs less than 25 lb.
- **LIMIT SWITCHES** - Upper and lower limit switches on chain models and upper paddle limit switch on wire rope model regulates load travel.
- **ELECTROMAGNETIC BRAKE** - Quick acting for positive load control.
- **THERMAL MOTOR PROTECTION** - Standard to prevent overheating.
- **LIGHT DUTY OPERATION** - Rated for intermittent duty applications (10 minute run time per hour maximum).
- **ACCESSORIES** - LLC-05 chain container (shown) available for EMC models.
- **UL LISTED**
- **LIFETIME WARRANTY**

Capacity (lbs)	Model Number	Number of Chains	Standard Lift (ft.)	Motor HP	Lift Speed (FPM)	Headroom (in.)	Housing Dimensions (in.)			Net Weight (lbs)
							H	W	L	
300	EMC-300B	1	10	1/6	16	14 1/2	4 3/8	6 3/8	14 1/4	21
500	EMC-500B	2	10	1/6	8	16	4 3/8	6 3/8	14 1/4	24
500	EMW-500B	2- part wire rope	10	1/6	16	13 3/4	4 3/8	6 3/8	14 1/4	19

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