

MODEL
ECThe **INDUSTRY
LEADER -
STRENGTH and
DEPENDABILITY****EC Hook & Lug Suspension Models****1/4 - 5 Ton****Made in USA**

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 - Refer to pages 8 & 9.

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/ANSI B30.16 and CSA standards.

ACCESSORIES & OPTIONS - Full line of accessories available, including Variable Frequency Drives. See pages 25-31.

LIFETIME WARRANTY

COFFING®
HOISTS

● SPECIFICATIONS ●

EC Hook & Lug Suspension Models

Capacity			Model Number	Frame *	No. of Chains	Motor HP	Lift Speed (fpm)		Headroom (in.)	Housing Dimensions (in.)			Net Wt. ** (lb.)
(lb.)	(kg) †	(Ton)					Single	Two ††		H	W	L	
500	250	1/4	EC-0516	S	1	1/4	16	5.3	16 7/8	8	11 5/8	23 3/8	100
500	250	1/4	EC-0532	S	1	1/2	32	10.7	16 7/8	8	11 5/8	23 3/8	108
500	250	1/4	EC-0564	S	1	1	64	21.3	16 7/8	8	11 5/8	23 3/8	116
1000	500	1/2	EC-1009	S	1	1/4	9	3	16 7/8	8	11 5/8	23 3/8	104
1000	500	1/2	EC-1016	S	1	1/2	16	5.3	16 7/8	8	11 5/8	23 3/8	106
1000	500	1/2	EC-1032	S	1	1	32	10.7	16 7/8	8	11 5/8	23 3/8	118
2000	1000	1	EC-2004	S	2	1/4	4	1.3	18 1/4	8	11 5/8	23 3/8	116
2000	1000	1	EC-2008	S	2	1/2	8	2.7	18 1/4	8	11 5/8	23 3/8	116
2000	1000	1	EC-2012	S	1	1	12	4	16 7/8	8	11 5/8	23 3/8	114
2000	1000	1	EC-2016	S	1	1	16	5.3	16 7/8	8	11 5/8	23 3/8	118
2000	1000	1	EC-2032	L	1	2	32	10.7	23	10 7/8	14 13/16	31 3/16	295
2000	1000	1	EC-2048	L	1	3	48	16	23	10 7/8	14 13/16	31 3/16	302
4000	2000	2	EC-4006	S	2	1	6	2	18 15/16	8	11 5/8	23 3/8	127
4000	2000	2	EC-4008	S	2	1	8	2.7	18 15/16	8	11 5/8	23 3/8	133
4000	2000	2	EC-4016	L	1	2	16	5.3	23	10 7/8	14 13/16	31 3/16	295
4000	2000	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	3000	3	EC-6010	L	2	2	10	3.3	27 3/8	10 7/8	14 13/16	31 3/16	340
6000	3000	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
10000	5000	5	EC-10005	L	3	2	5	1.7	27 7/8	10 7/8	14 13/16	31 3/16	393
10000	5000	5	EC-10008	L	3	3	8	2.7	27 7/8	10 7/8	14 13/16	31 3/16	393

† Metric rated option available

* **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 Databook.

HOUSING DESIGN

Brake cover (left) and electrical cover (right) easily removed for maintenance or service of unit.

(Covers for EC Small Frame Unit Shown)

