The Industry Leader—Strength & Dependability

1/4 - 5 Ton
Made in USA

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** - Refer to pages 6 & 7.
- **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 available to meet a variety of applications. See pages 22-27.
- **LIFETIME WARRANTY**

SPECIFICATIONS

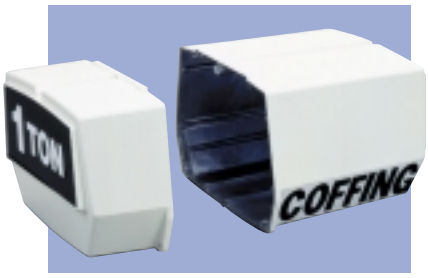
EC Hook & Lug Suspension Models

Capacity (Lb.)	Capacity (Ton)	Model Number	Frame* Size	No. of Chains	Motor HP	Lift Speed (FPM) Single	Lift Speed (FPM) Two	Headroom (In.)	Housing Dimensions (In.) H	Housing Dimensions (In.) W	Housing Dimensions (In.) L	Net Wt.** (Lb.)
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	23 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	3/4	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
4000	2	**EC-4006**	S	2	3/4	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
10000	5	**EC-10005**	L	3	2	5	1.7	27 7/8	10 7/8	14 13/16	31 3/16	393
10000	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 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)

Suspensions For A Variety of Applications

1/4 - 5 Ton
Made in USA

EC Trolley Suspensions

COFFING ECT, ECGT, and ECMT Models - Plain, geared, and motorized trolley suspensions with all the features of basic EC models for added flexibility in a variety of applications.

- **PLAIN TROLLEY** - For manual positioning of hoist and load.
- **GEARED TROLLEY** - For more precise positioning of hoist and load. Standard hand chain drop is 2-feet less than lift.
- **MOTORIZED TROLLEY** - For faster positioning of hoist and load over longer distances. 35 or 75 FPM speeds standard with optional speeds of 18, 24, 50, 100, and 150 FPM.
- **VOLTAGES** - 115/230, 208 - single phase; 230/460, 208, 220/380, 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. Specify track type and beam size.
- **PRECISION TROLLEY WHEELS** - Machined, cast iron wheels with sealed, lifetime lubricated ball bearings for extended trolley life. Motorized trolley wheels heat treated for added durability. Bronze and stainless steel wheels optional.
- **TWO TROLLEY DESIGNS** - 4-wheel design on 1/4 - 3 ton negotiates 48” minimum radius curve, including patented track applications. 8-wheel design on 4 and 5 ton reduces beam flange stress.
- **ACCESSORIES & OPTIONS** - Full line available to meet a variety of applications. See pages 22-27.
- **LIFETIME WARRANTY**

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SPECIFICATIONS

EC Plain, Geared & Motorized Suspensions

Capacity (Lb.)	Capacity (Ton)	Model Number	Frame* Size	Trolley‡ Mount	ECT & ECGT Hdrm (In.)	ECMT Hdrm (In.)	Flange Width (In.)	Beam Ht. (In.)	Min. Rad. Curve (In.)	Net Wt.** (Lb.)	ECMT Net Wt. (Lb.)
500	1/4	**EC(†)-0516**	S	P	17 1/4	17 1/4	3.332 - 6	6 - 18	48	145	180
500	1/4	**EC(†)-0532**	S	P	17 1/4	17 1/4	3.332 - 6	6 - 18	48	153	188
500	1/4	**EC(†)-0564**	S	P	17 1/4	17 1/4	3.332 - 6	6 - 18	48	161	196
1000	1/2	**EC(†)-1009**	S	P	17 1/4	17 1/4	3.332 - 6	6 - 18	48	151	186
1000	1/2	**EC(†)-1016**	S	P	17 1/4	17 1/4	3.332 - 6	6 - 18	48	151	186
1000	1/2	**EC(†)-1032**	S	P	17 1/4	17 1/4	3.332 - 6	6 - 18	48	163	198
2000	1	**EC(†)-2004**	S	P	18 5/8	18 5/8	3.332 - 6	6 - 18	48	161	196
2000	1	**EC(†)-2008**	S	P	18 5/8	18 5/8	3.332 - 6	6 - 18	48	161	196
2000	1	**EC(†)-2012**	S	P	17 1/4	17 1/4	3.332 - 6	6 - 18	48	158	194
2000	1	**EC(†)-2016**	S	P	17 1/4	17 1/4	3.332 - 6	6 - 18	48	163	198
2000	1	**EC(†)-2032**	L	C	21 9/16	22 1/4	3.332 - 6	6 - 18	48	347	375
4000	2	**EC(†)-4006**	S	P	19 5/16	19 5/16	3.332 - 6	6 - 18	48	172	207
4000	2	**EC(†)-4008**	S	P	19 5/16	19 5/16	3.332 - 6	6 - 18	48	178	213
4000	2	**EC(†)-4016**	L	C	21 9/16	22 1/4	3.332 - 6	6 - 18	48	347	375
4000	2	**EC(†)-4024**	L	C	21 9/16	22 1/4	3.332 - 6	6 - 18	48	354	362
6000	3	**EC(†)-6005**	S	P	23 1/4	24	3.332 - 6	6 - 18	48	260	320
6000	3	**EC(†)-6010**	L	C	26	26 5/8	3.332 - 6	6 - 18	48	396	424
6000	3	**EC(†)-6016**	L	C	26	26 5/8	3.332 - 6	6 - 18	48	403	431
8000	4	**EC(†)-8008**	L	C	25 15/16	26 3/4	4 - 6	8 - 18	***	520	560
8000	4	**EC(†)-8012**	L	C	25 15/16	26 3/4	4 - 6	8 - 18	***	527	567
10000	5	**EC(†)-10005**	L	C	29 3/4	30 5/8	4 - 6	8 - 18	***	561	599
10000	5	**EC(†)-10008**	L	C	29 3/4	30 5/8	4 - 6	8 - 18	***	568	606

† Specify **ECT** for plain trolley, **ECGT** for geared trolley, and **ECMT** for motorized trolley models.

* **S** = Small frame hoist, single or three phase. **L** = Large frame hoist, three phase only.

‡ **P** = Parallel mount, standard on small frame hoists. **C** = Cross mount, standard on large frame hoists.

** Weight for 10 ft. lift ECT units. Add 10 lb. for ECGT unit weights.

*** 4 & 5 ton straight track only. Articulated model for 48" min. radius curved track available — consult factory.

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