



HOIST SUSPENSIONS

EC Small Frame



Standard Top Hook
with safety latch-rigid
(standard) or swivel.



Optional Bullard Hook*
with return latch, with or
without return spring, for
added safety.



Optional Shur-Loc® Hook*
with positive lock latch is self-
locking when hook is loaded.



**Optional
Multi-Purpose Lug**
available for special
applications.



Rigid Lug
for mounting CTA and MT
trolleys to small frame EC
models.



Rigid Lug
for mounting CTA and MT
trolleys to EC-6005 model only.

EC Large Frame



Standard Top Hook
with safety latch-rigid
(standard) or swivel.
1, 2, 3, and 4 ton only.



Optional Bullard Hook*
with return latch, with or
without return spring.
1, 2, 3, and 4 ton only.



**Optional
Shur-Loc® Hook***
with positive lock latch
is self-locking when
hook is loaded.



Rigid Lug
for mounting CTA and
MT trolleys to large
frame EC models.
1, 2, and 3 ton only.



Rigid Lug
for mounting CTA and
MT trolleys to large
frame EC models.
4 and 5 ton only.

JLC Hoists



Standard Top Hook
with safety latch
standard.



Swivel Top Hook
with safety latch
standard.



**Optional
Shur-Loc® Hook***
with positive lock latch
is self-locking when
hook is loaded.



Rigid Lug
for mounting CBT,
CTA and MT trolleys.



ACCESSORIES

POWERED HOISTS

CHAIN CONTAINERS

- **Models** - To fit EC, ED, and JLC models.
- **Mounting** - Suspends from hoist and does not interfere with hoist operation. Suspension bracket included.
- **Safety** - Recommended where slack chain may create a hazardous condition.

Model Number	Dimension (in.)	Capacity (In Feet Per Hoist Lift)		
		1-Chain Single	2-Chain Double	3-Chain Triple
<i>For Small Frame EC Models EC-0516 — EC-4008 (except EC-2032), EC-6005, and all ED Models</i>				
927JG17	10 7/16	20	10	N/A
927JG18	12 1/2	25	12.5	N/A
927JG19	16	35	17.5	12
927JG20	20 1/4	50	25	17
927JG202A	20	75	37	25
927JG203A	24	100	50	33
927JG204A	35	150	75	50
<i>For Large Frame EC Models EC-2032, EC-4016 — EC 10008 (except EC-6005)</i>				
927JG201	16	15	N/A	N/A
927JG202	20	30	15	10
927JG203	24	50	25	16.5
927JG204	35	75	37.5	25
927JG205	48 3/4	100	50	33.3
927JG207	26	150	75	50
927JG208	32	200	100	66.6
<i>For JLC Models — Molded Polyolefin Type</i>				
JLC927-1	20 1/2	20	10	N/A
JLC927-2	16	35	17	N/A
JLC927-3	20 1/4	50	25	N/A
JLC927-4	N/A	Over 50	25	N/A
<i>For JLC Models — Fabric Type</i>				
JLC927-20F	16	20	10	N/A
JLC927-35F	22	35	17 1/2	N/A
JLC927-50F	26	50	25	N/A
JLC927-70F	31	70	35	N/A

EC Small and Large Frame Chain Containers



JLC Chain Containers



WEATHER RESISTANT COVERS

- **Models** - To fit EC and JLC models.
- **Material** - Waterproof to protect hoist in outdoor use.
- **Safety** - Does not interfere with normal hoist operation while in place.

Hoist Rated Load (lb.)	Type of Mount	Part Number
<i>For Small Frame EC Models EC-0516 — EC-4008 (except EC-2032)</i>		
500	Hook or Lug	EC-760-1
1000	Hook or Lug	EC-760-2
2000	Hook or Lug	EC-760-3
4000	Hook or Lug	EC-760-4
6000	Not Available	Not Available
<i>For Large Frame EC Models EC-2032, EC-4016 — EC-10008 (except EC-6005)</i>		
4000	Hook	EC-761-1
4000	Lug	EC-761-2
6000	Hook	EC-761-3
6000	Lug	EC-761-4
8000	Lug	EC-761-5
10000	Lug	EC-761-6

For All JLC Models: Use JF-760





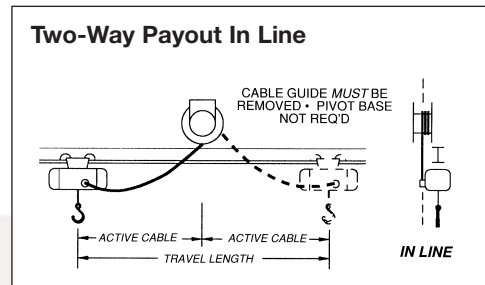
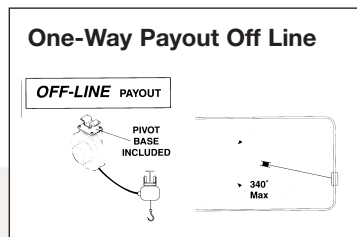
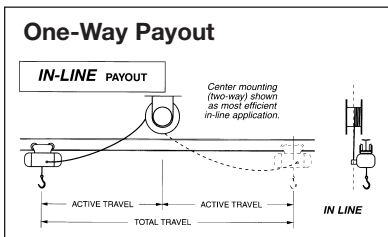
CORD REELS

Electrification Necessary For Electric Chain Hoists

- **Construction** - NEMA 3R all-welded, solid steel construction. UL and CSA listed.
- **Design** - Provides instant availability of power cord & prevents looping and snagging.
- **Ratchet Lock** - Works in any position to hold cord in place and may be disengaged for constant use.
- **Cable Guide** - Multi-position, field adjustable, and removable for different payout configurations.
- **Collector Assembly** - Rated at 600 volts.
- **Optional Pivot Base** - For 340° off-line payout.



Cable Size (AWG)	Model Number	Phase	Active Cable Length (ft.)
No. 14-3 Conductor	DN-3-25	1	25
No. 14-3 Conductor	DN-3-50	1	50
No. 14-4 Conductor	DN-4-25	3	25
No. 14-4 Conductor	DN-4-45	3	45



CURRENT COLLECTOR MOUNTING ARM

For Mounting Collectors or Towing Festooning

- **Mounting** - Direct to CT or MT trolleys.
- **One Inch Square Arm** - For use in mounting most makes of collectors or towing festooning.



High Performance Lifting
COFFING[®]
 HOISTS



ACCESSORIES

POWERED HOISTS

TORQUE REELS

Used in Supporting and Suspending Hoist or Crane Push Button Stations

- **Construction** - Steel with reinforced hanging bracket and clevis for ceiling mounting.
- **Ratchet Lock** - Included but easily disengaged from outside housing for constant tension.
- **Optional Rigid Base** - Available for mounting to ceiling, wall, floor, or work bench.

Min - Max Load (lb.)	Model Number	Cable Length (ft.)	Reel Weight (lb.)
5 - 10	6KG319	15	10



FESTOONING PACKAGES

An Economical and Reliable Way to Supply Power to Moving Hoists

- **Flat Cable Kit** - Includes suspension wire and power cable.
- **Round Cable Kit** - Includes suspension wire but not power cable.

Flat Cable Festooning Package

Model Number	Cable Size (Gauge)	Length (ft.)	Number of Carriers
HEF-12-35	12	35	4
HEF-12-50	12	50	6

Round Cable Festooning Package

Model Number	Length (ft.)	Number of Carriers
HER-35	35	4
HER-50	50	6



CORD TROLLEYS

Keeps Power Cord From Interfering With Working Area

- **Adjustable** - For standard 3" to 10" American Standard I-Beams.
- **Usage** - One trolley recommended for every 5-feet of power cord.

Adjusts for Std. I-Beam (in.)	Model Number	Tread Diameter (in.)	Net Weight (lb.)
3 - 10	TL-3-10C	2 3/8	2 1/4





VARIABLE FREQUENCY DRIVES

INFINITELY VARIABLE SPEED CAPABILITY - AT THE PUSH OF A BUTTON

COFFING EC-V & JLC-V Models — *Redefining Lifting* — now feature a Variable Frequency Drive. The compact size of the drive unit allows neat and complete placement under the cover of the hoists. On EC-V Models, this new option enhances the standard hoist's features: mechanical load brake, motor brake and overload clutch. The Coffing JLC-V drives feature a Closed Loop System. The Closed Loop System provides additional load control in lieu of a secondary load brake by monitoring the movement of the load hook through the transmission.

VARIABLE FREQUENCY DRIVE BENEFITS – The VFD allows for unsurpassed load-spotting and inching capability. The VFD offers additional speed flexibility that standard 2-speed motors cannot offer. The soft starting and stopping of the unit is perfect for delicate applications and reduces the daily wear and tear on the hoist. Variable Frequency Drives can also be externally mounted to Motorized Trolley Units.



Variable Speed



VARIABLE FREQUENCY DRIVE FEATURES – In-field, instant programming - from infinitely variable (12:1 speed ratio) to any intermediate, predetermined speed range. 24-VAC control inputs built-in.

JLC-V Only - Closed Loop System that monitors the load hook's direction and speed; additional components monitor motor amperage to provide consistent and reliable operation.

CONTROL OPTIONS – The standard 2-step buttons allow the operator to increase and maintain the lifting or lowering speeds. The optional 3-step buttons allow the operator to increase, maintain, or decrease the lifting or lowering speeds without interruption.

CAPACITIES & LIFTS - EC-V Models - Rated loads from 1/4 to 5 Tons, with lifting speed of 5 to 64 feet per minute depending on the capacity. Standard lifts of 10, 15, and 20 with other lifts available. Standard push-button drop is 4-feet less than lift.

JLC-V Models - Rated loads from 1/8 to 2 Tons, with lifting speed of 8 to 32 feet per minute depending on the capacity. Standard lifts of 10, 15, and 20 with other lifts available. Standard push-button drop is 4-feet less than lift.

VOLTAGE & MOTOR OPTIONS - 230; 460; 208; 380; 575 – three phase. 60 hertz standard or 50 hertz available.

SUSPENSION OPTIONS - Rigid or swivel top hook, lug, plain, geared, and motorized trolley available.

DURABLE CONSTRUCTION - Built in compliance with ASME/ANSI B30.16.

ACCESSORIES & OPTIONS - Full line available to meet a variety of applications.

LIFETIME WARRANTY

MADE IN USA



REMOTE CONTROL PACKAGES

For Specialized Hoist and Crane Applications



- **Radio and Infrared Models Available** - Consult factory.

CORROSION RESISTANT FEATURES

Protects Hoist in Corrosive Environments

Consult Factory to Verify Availability on Desired EC & JLC Models Only



- **Features** - Zinc plated load chain, zinc plated hand chain, zinc plated hook, stainless steel limit switch shaft, stainless steel wheels, bronze wheels, epoxy paint.

SPARK RESISTANT FEATURES

Reduces Chance of Sparking

Consult Factory to Verify Availability on Desired EC Models Only



- **Features** - Stainless steel load chain, stainless steel hooks, bronze hooks, aluminum hand chain, stainless steel bottom block assembly, stainless steel trolley wheels, bronze trolley wheels, and rubber trolley bumpers.



ADDITIONAL FEATURES *Consult Factory*

- Paddle Limit Switch
- Electronic Overload Sensor
- Trolley Limit Switches
- Wall-Mounted Push Button Stations
- NEMA 1, 2, 3R, 4X, 5, 12 & 13 PB Stations
- 3 - Foot Outrigger Arm
- Circuit Breaker
- Motor Fuses
- Mainline Contactor
- Solid State Trolley Soft Start
- Electrical Interlocks
- External Strain Relief
- Electronic Phase Reversal & Under Voltage Protection
- Magnetic Particle Inspection
- Horn or Bell
- Kellems Cord Grip
- Bridge or Tractor Controls
- Track Clamp
- Motor Thermostat
- Thermal Overload Relay
- Trolley Ballast Resistors (3-Phase Only)
- Multi-Button Push Button Stations
- Timers
- Retractable Coil Cord

SPECIAL APPLICATIONS *Consult Factory*

Tandem Applications

- Twin hooks move long, unwieldy loads.
- Push button control station allows hoists to be operated either simultaneously or individually.
- Hoists connected mechanically or electrically.
- Available with plain, geared, and motorized trolleys.

Twin Hook

- Same as tandem trolley application, except hoist has hook or lug suspension for fixed position operation.

Semi-Automatic

- Requires only a momentary depression of push button to raise or lower hook to preset position.
- Limit switch permits adjustment of end stops anywhere within range of lifts.
- Stop button allows stops between limits.

Multi-Level

- Hoist can be specified with multiple control pendants or wall stations.

Inching Controls

- Selector switch allows hoist operation in normal or jog mode.
- In jog mode, each depression of button advances hook a fraction of an inch. (Field adjustable)
- Can be supplied with jog adjustment potentiometer inside hoist enclosure or on push button station.

Patented Carrier

- Rated load from 1/4 to 3 Tons
- On request, hoist units can be furnished with suitable lugs for mounting on patented track carriers.

Key Lock

- Key lock on push buttons prevent unauthorized hoist use.
- Multiple stations keyed unlike—unless specified.