

Product Line Summary

HARRINGTON
HOISTS AND CRANES



**LB Series
Lever Hoists**
3/4 - 9 Ton

More Info:
See page 177



**CF Series
Hand Chain Hoists**
1/2 - 5 Ton



**CB Series
Hand Chain Hoists**
1/2 - 100 Ton



**PT Series
Push Trolleys**
1/2 - 10 Ton



**GT Series
Geared Trolleys**
1/2 - 20 Ton



**NTH Series
Low Headroom
Hand Chain Hoists
Push Trolleys**
1 - 5 Ton
(Also G-NTH w/ Geared Trolleys)



**NER Series
Electric Hoists**
3-Phase
1/8 - 5 Ton

More Info:
See page 184

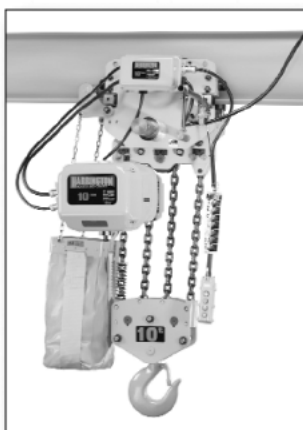


**ER Series
Electric Hoists**
3-Phase
1/8 - 20 Ton

More Info:
See page 184



**NERM Series
Electric Hoists**
Electric Trolleys
3-Phase
1/8 - 5 Ton



**ERM Series
Electric Hoists**
Electric Trolleys
3-Phase
1/8 - 20 Ton



**NERP Series
Electric Hoists**
Push Trolleys
3-Phase
1/8 - 5 Ton



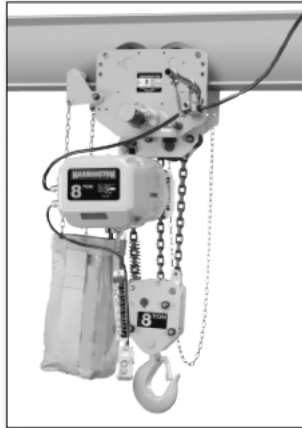
**ERP Series
Electric Hoists**
Push Trolleys
3-Phase
1/8 - 10 Ton

Product Line Summary

HARRINGTON
HOISTS AND CRANES



NERG Series
Electric Hoists
Geared Trolleys
3-Phase
1/8 - 5 Ton



ERG Series
Electric Hoists
Geared Trolleys
3-Phase
1/8 - 20 Ton



(N)ER-CC Series
Electric Hoists
3-Phase
Cylinder Control
1/8 - 1/4 Ton



SNER Series
Electric Hoists
1-Phase
1/4 - 3 Ton



SNERM Series
Electric Hoists
Electric Trolleys
1-Phase
1/4 - 3 Ton



ED-S/DS Series
Electric Hoists
1-Phase
Single/Dual Speed
125 - 525 Lbs.



ED-DA Series
Electric Hoists
1-Phase
Dual Adjustable
125 - 525 Lbs. More Info:
See page 182-183



ET Series
Push Trolleys
125 - 525 Lbs.



AH Series
Air Hoists
Cord Control
250 - 500 Lbs. More Info:
See page 180-181



AH Series
Air Hoists
Pendant Control
250 - 500 Lbs. More Info:
See page 180-181



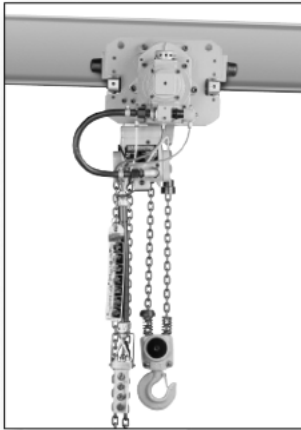
AH Series
Air Hoists
Manipulator Control
250 - 500 Lbs. More Info:
See page 178-179



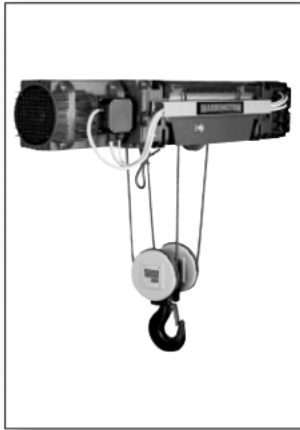
TCR Series
Air Hoists
Cord or Pendant Control
1/2 - 6 Ton

Product Line Summary

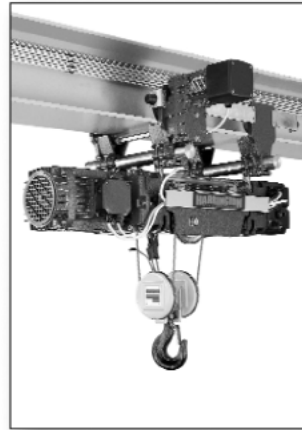
HARRINGTON
HOISTS AND CRANES



TCRM Series
Air Hoists
Air Trolleys
Pendant Control
1/2 - 6 Ton



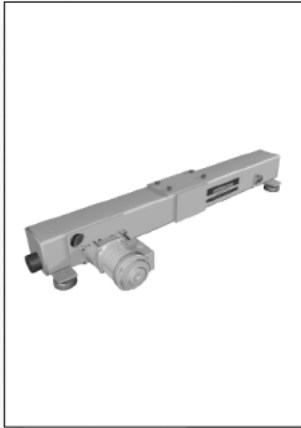
RH Series
Electric Hoists
Wire Rope
Deck/Base Mount
2 - 20 Ton



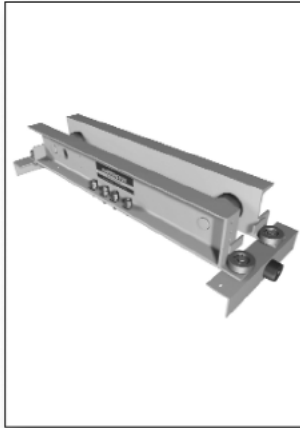
RH Series
Electric Hoists
Electric Trolleys
Wire Rope
Standard Headroom
2 - 20 Ton



RH Series
Electric Hoists
Electric Trolleys
Wire Rope
Ultra-Low Headroom
2 - 20 Ton



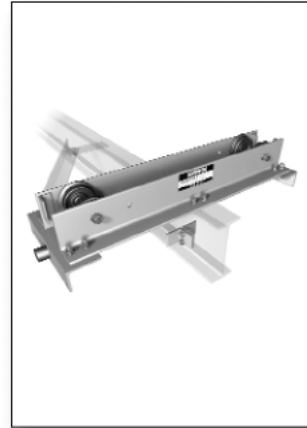
Series 3
Motorized End Trucks
Top: 1 - 10 Ton
Underhung: 2 - 5 Ton



Series 3
Push End Trucks
Top: 1 - 5 Ton
Underhung: 2 - 5 Ton

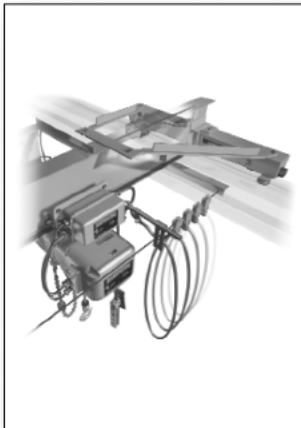


Series 3
Geared End Trucks
Top: 1 - 5 Ton
Underhung: 2 - 5 Ton



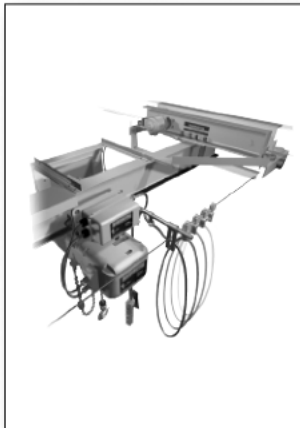
HPC Series
Push End Trucks
Top or Underhung
Convertible
1/5 - 2 Ton

More Info:
See page 199



Series 3
Complete Cranes
Single Girder
Motorized, Push
or Geared
Top

More Info:
See page 198



Series 3
Complete Cranes
Single Girder
Motorized, Push
or Geared
Underhung

More Info:
See page 198



Series 3
Complete Cranes
Double Girder
Motorized or Geared
Top or Underhung



HPC Series
Complete Cranes
Single Girder
Push
Top or Underhung

LB Lever Hoists



Setting new standards for the industry

Harrington's LB lever hoists have been completely redesigned to provide the operator with all of the features needed in one hoist. Our best just got better. As the leader in this hoist market, we studied the needs of the many industries using our lever hoists and then designed all of these important features into our new model. For your day-to-day maintenance and service work or the heavy-duty construction jobs, the Harrington LB lever hoist is always the right choice.

Look for the advantages

- Improved design
- Compact size
- Lighter weight
- Lower headroom
- Easy to operate, transport and store
- Trouble-free maintenance

Dependability

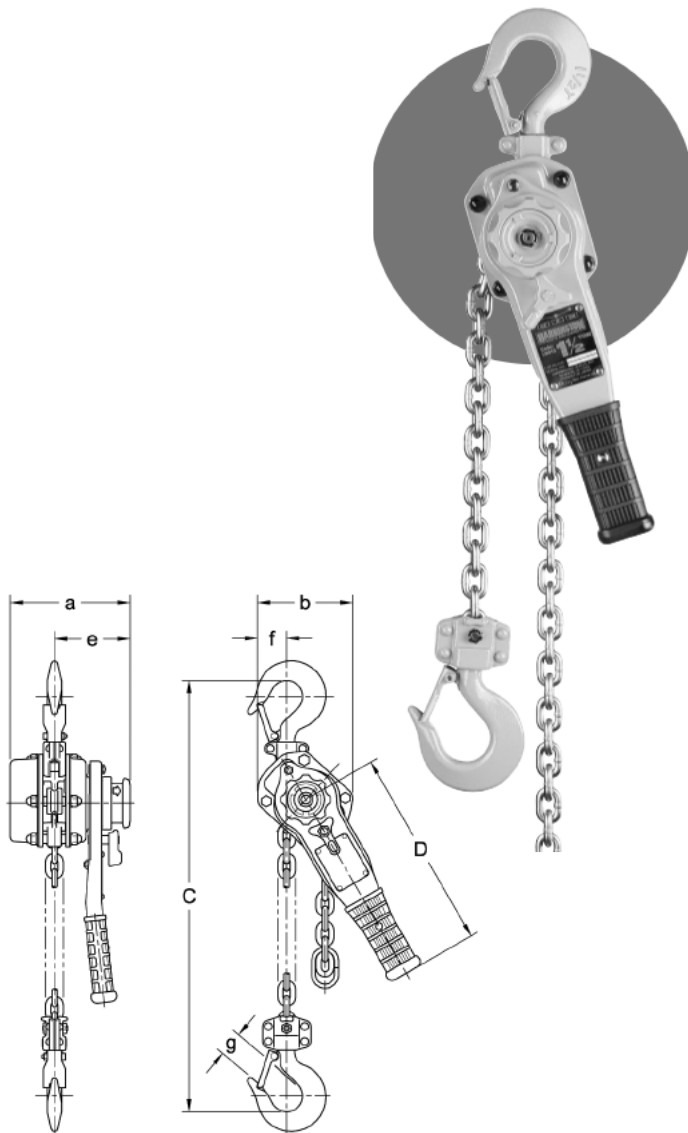
- Heavy duty all-steel construction
- Weston-style mechanical load brake
- Spring loaded free wheel mechanism
- Nickel plated corrosion-resistant load chain

Capacity Range

3/4, 1, 1-1/2, 2, 3, 6 and 9 Ton
Plus the Industry's first 2-3/4 Ton

Applications

- Maintenance and repairs
- Construction, mining and manufacturing
- Shipbuilding



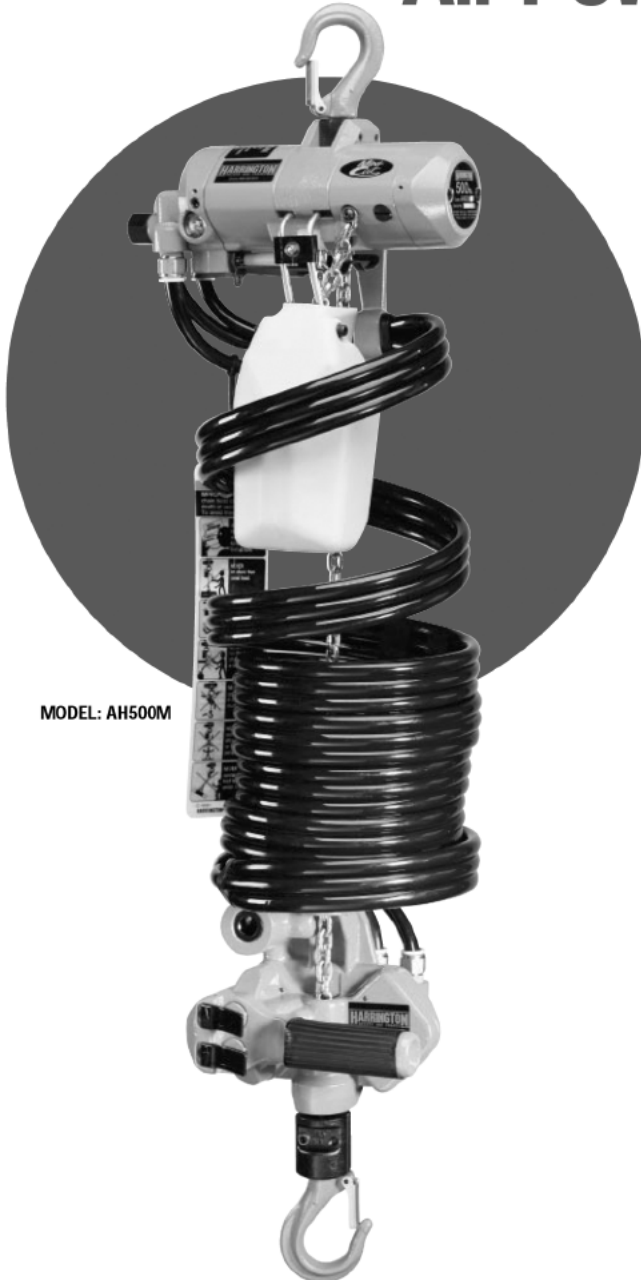
LB LEVER HOISTS—SPECIFICATIONS AND DIMENSIONS

Cap. (Tons)	Product Code	Headroom C (in)	Std. Lift (ft)	Pull to Lift Load* (lbs)	a (in)	b (in)	D* (in)	e (in)	f (in)	g (in)	Load Chain Dia. (mm) x Chain Fall Lines	Net Weight (lbs)	Shipping Weight Approx. (lbs)	Weight for Additional One Foot of Lift (lbs)
3/4	LB008	11.0	5	54 (36)	5.7	4.7	9.6 (14.4)	3.8	1.6	0.9	5.6 x 1	13	13	0.5
1	LB010	11.8		72 (46)						1.1		13	14	
1 1/2	LB015	13.2		64 (45)	6.3	5.0	10.4 (14.4)	3.9	1.5	1.3	7.1 x 1	18	18	0.7
2	LB020	14.8		59 (42)										
2 3/4	LB028			81 (57)	7.5	8.5	4.4	2.3	2.0	10.0 x 2	57	60	3.2	
3	LB030	15.6		69										12.0
6	LB060	21.3		72	7.5	8.5	4.4	2.3	2.0	10.0 x 2	57	60	3.2	
9	LB090	26.8		78										7.5

*Figures in parentheses are for hoists with the optional load limit warning handle.



AH Mini-Cat Manipulator Air Powered Hoists



MODEL: AH500M

Unique hoist fits workplace applications

Harrington's AH Mini-Cat air hoist now offers a unique manipulator control feature designed to support the special repetitive working practices of assembly line and workstation areas in a wide variety of industries.

Exceeds your expectations

- **Ergonomic Design:** Manipulator is adjustable for either right or left one-handed operation. Position of the manipulator on the load chain may be adjusted to match the working habits of the operator.
- **Precision Control:** Offers very fine feathering control for exact load positioning as well as high lifting speeds to accommodate production requirements.
- **Ease of Use:** Weighing 24 pounds and measuring a mere 11.3 inches in length makes it easy to install, transport and store. Provides improved working conditions due to lower noise levels.
- **Dependability:** Operates at a continuous duty cycle and is designed with a reliable disc brake system to support the load. An impact-resistant plastic chain container is standard equipment.

AH MINI-CAT AIR HOIST—MANIPULATOR SPECIFICATIONS

Capacity (lbs)	Product Code	Headroom (in)	Standard Lift* (ft)	Load chain Dia. (mm) x Chain Fall Lines	Net Weight with Standard Lift (lbs)	Weight for Additional One Foot of Lift (lbs)
250	AH250M	33.0	6.5	4 x 1	24	0.47
500	AH500M	33.0	6.5	4 x 1	24	0.47

*Optional lift of 13 ft. is available—consult Customer Service.

Speeds—ft/min at 90 psi:

Capacity (lbs)	Product Code	Up		Down	
		Full Load	No Load	Full Load	No Load
250	AH250M	41 (32)	54 (47)	47 (44)	42 (37)
500	AH500M	29 (18)	54 (47)	53 (50)	42 (37)

Values in parentheses for air supply at 60 psi.

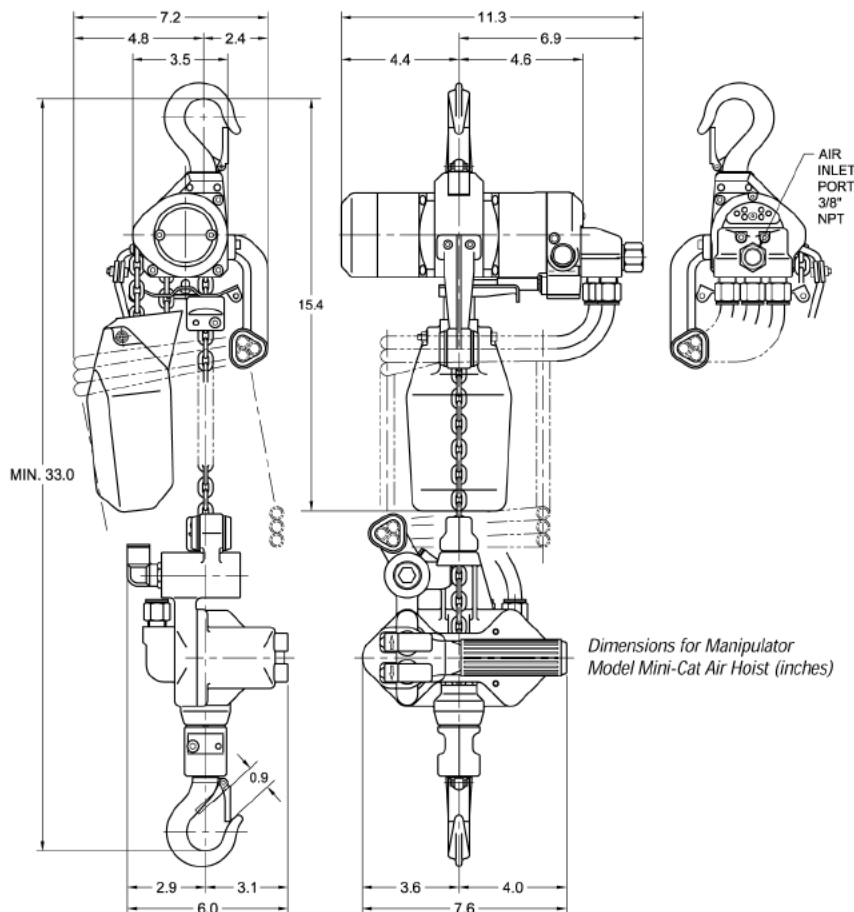
Air Consumption—cfm at 90 psi:

Capacity (lbs)	Product Code	Up		Down	
		Full Load	No Load	Full Load	No Load
250	AH250M	28 (21)	31 (24)	27 (21)	26 (20)
500	AH500M	26 (19)	31 (24)	28 (22)	26 (20)

Values in parentheses for air supply at 60 psi.

- **Air Supply Pressure**—60 to 90 psi
- **Air Lubrication**—minimum 10 to 15 drops of oil per minute (2–3 cc/min.)
- **Air Filtration**—maximum 5 micron air filter or finer
- **Air Consumption**—19 to 34 cubic feet per minute
- **Air Inlet Port**—3/8" NPT
- **Air Supply Hose Minimum Size**—3/8"

DIMENSIONS



HARRINGTON
HOISTS AND CRANES



AH Mini-Cat Air Powered Hoists



MODEL: AH500P



MODEL: AH500C

Perfection at Work

Harrington's AH Mini-Cat air hoist combines power, convenience and reliability to create the perfect tool for both on-site jobs and day-to-day workstation and assembly line applications.

Don't be fooled by its small size—the Mini-Cat is no lightweight in performance, only in dimensions.

Filling Your Specific Needs

Ease of Use

- Very low headroom handles all applications
- Extremely compact and lightweight for easy handling
- Low noise levels for operator comfort

Ultimate Control

- Extraordinary fine feathering for complete control of the load
- High-speed lifting to get the job done fast

Dependability

- Unlimited duty cycle to accommodate production needs
- Disc motor brake system supports the load for added reliability

AH MINI-CAT AIR HOIST—SPECIFICATIONS

Cap. (lbs)	Product Code	Headroom (in)	Std. Lift (ft)	Load Chain Dia. (mm) x Chain Fall Lines	Net Weight with Standard Lift (lbs)	Weight for Additional One Foot of Lift (lbs)
250	AH250C	12.0	10	4 x 1	15	0.26
500	AH500C	12.0	10	4 x 1	15	0.26
250	AH250P	12.0	10	4 x 1	19	0.49
500	AH500P	12.0	10	4 x 1	19	0.49

- **Lift**—10 ft, standard, 131 ft, maximum
- **Air Supply Pressure**—60 to 90 psi
- **Air Lubrication**—minimum 10 to 15 drops of oil per minute (2–3 cc/min.)
- **Air Filtration**—maximum 5 micron air filter or finer
- **Air Inlet Port**—3/8" NPT
- **Air Supply Hose Minimum Size**—3/8"

PENDANT MODEL

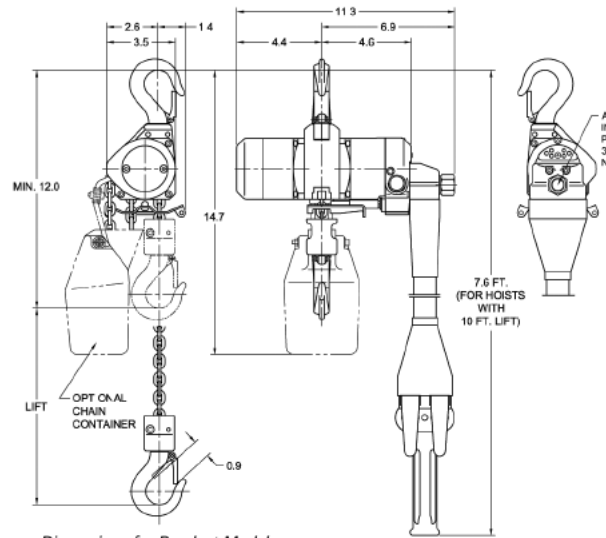
Speeds—ft/min at 90 psi:

Cap. (lbs)	Product Code	Up		Down	
		Full Load	No Load	Full Load	No Load
250	AH250P	42 (33)	55 (48)	48 (45)	43 (38)
500	AH500P	29 (18)	55 (48)	53 (51)	43 (38)

Air Consumption—cfm at 90 psi:

Cap. (lbs)	Product Code	Up		Down	
		Full Load	No Load	Full Load	No Load
250	AH250P	28 (21)	31 (24)	27 (21)	26 (20)
500	AH500P	26 (19)	31 (24)	28 (22)	26 (20)

Values in parentheses for air supply at 60 psi.



Dimensions for Pendant Model
Mini-Cat Air Hoist (inches).

CORD MODEL

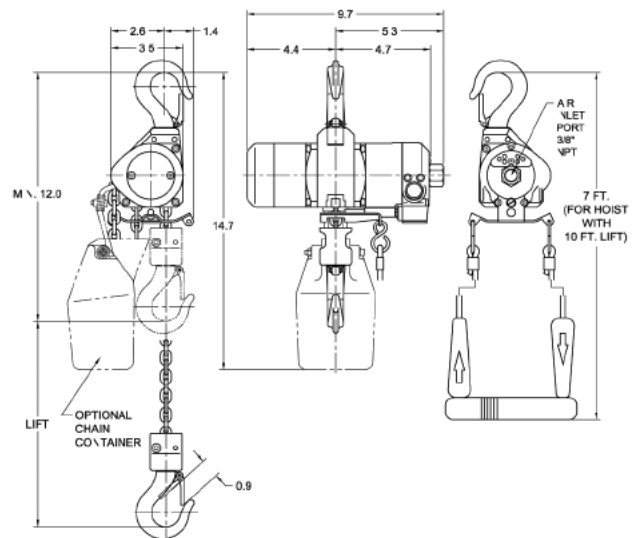
Speeds—ft/min at 90 psi:

Cap. (lbs)	Product Code	Up		Down	
		Full Load	No Load	Full Load	No Load
250	AH250C	47 (37)	61 (53)	51 (47)	45 (40)
500	AH500C	32 (20)	61 (53)	56 (54)	45 (40)

Air Consumption—cfm at 90 psi:

Cap. (lbs)	Product Code	Up		Down	
		Full Load	No Load	Full Load	No Load
250	AH250C	32 (24)	34 (27)	30 (24)	28 (23)
500	AH500C	29 (21)	34 (27)	32 (26)	28 (23)

Values in parentheses for air supply at 60 psi.



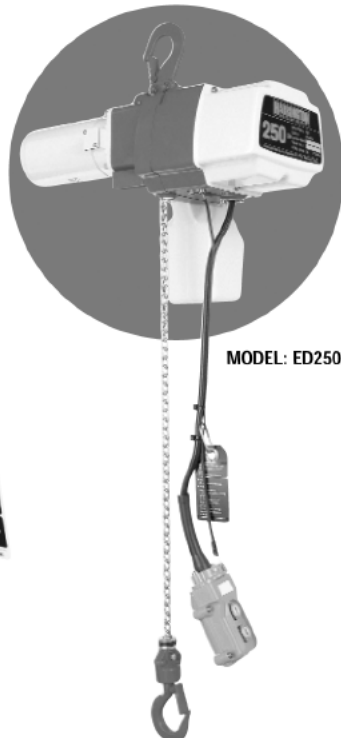
Dimensions for Cord Model
Mini-Cat Air Hoist (inches).

ED

Electric Chain Hoists



MODEL: ED525DA



MODEL: ED250S

Ergonomically designed for maximum load control

Harrington's ED single-phase electric chain hoist is engineered to handle small or awkward loads by providing precise load positioning and easy-to-use controls.

Expect big benefits from the one-of-a-kind cylinder control designed into the DA model. By using the in-line handgrip, which is part of the complete hook block, the up/down control becomes a one-handed operation. The operator's free hand is available to guide and position the load with reduced effort and increased accuracy.

Increase your productivity

Applications

- Work stations and work cells
- Assembly lines
- Pick-and-place operations

Flexibility

- Cylinder or pendant control
- Custom speed control
 - High and low speeds adjustable from 0 to 100% of maximum speed in DA Model
- High speeds in all models support fast production applications
- Quick-change tool chuck for below-the-hook specialty devices

Compact Design

- Lightweight, die-cast aluminum body
- Low headroom
- Easily installed, transported or stored

Dependability

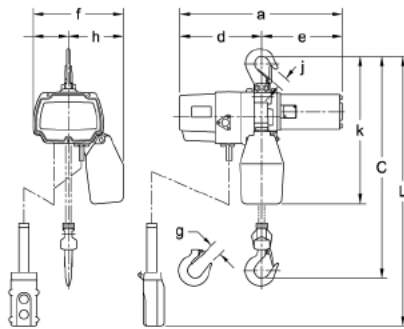
- Weston-style and regenerative load brakes
- Friction clutch for overwinding protection
- Zinc-plated, heat-treated load chain
- Standard upper limit switch

ED ELECTRIC CHAIN HOISTS—SPECIFICATIONS

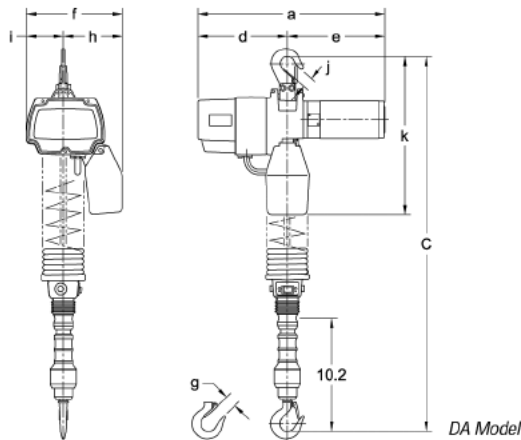
Cap. (lbs)	Product Code			Lifting Speed (ft/min)		Standard Lift (ft)		Push Button Cord L (ft)		Motor Output (HP)	Intermittent Duty Rating		Short Time Duty Rating (min)	Rated Current at 120V (amps)
	Single Speed S Model	Dual Speed DS Model	Dual Adjustable DA Model	S Model	DS & DA Model	S & DS Model	DA Model	S & DS Model	DA Model		Duty Rating % ED	Max. Start Freq. (Times/Hr)		
125	ED125S	ED125DS	ED125DA	69	69/13	10	6	8	Coiled	0.4	30	180	15	5
220	ED220S	ED220DS	ED220DA	43	43/10						20	120	10	6
250	ED250S	ED250DS	ED250DA	26	26/10					0.8	30	180	20	10
350	ED350S	ED350DS	ED350DA	66	66/13						20	120	10	6
400	ED400S	ED400DS	ED400DA	26	26/10					0.8	30	180	20	10
525	ED525S	ED525DS	ED525DA	44	44/10						20	120	10	6

DIMENSIONS AND WEIGHTS

Cap. (lbs)	Headroom C (in)		a (in)	d (in)	e (in)	f (in)	g (in)	h (in)	i (in)	j (in)	k (in)	Net Weight (lbs)			Weight for Additional One Foot of Lift (lbs)				
	S & DS Model	DA Model										S Model	DS Model	DA Model	S Model	DS Model			
125	12.4	37.2	14.6	7.4	7.2	8.1	1.0	4.9	3.1	1.0	13.4	23	24	31	0.26	0.29			
220												24	25	32					
250	13.0	37.8	16.9	8.1	8.8	8.6						33	34	40					
350												24	25	32					
400	12.4	37.2	14.6	7.4	7.2	8.1						4.9	3.1	13.4			24	25	32
525	13.0	37.8	16.9	8.1	8.8	8.6						5.3	3.3	14.3			33	34	40



S and DS Models

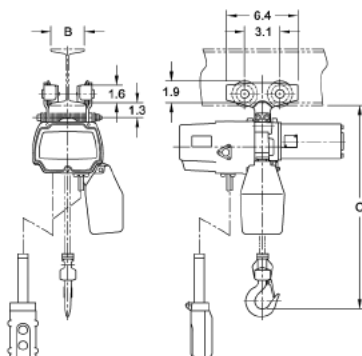


DA Model

*Speed are adjustable from
0 to 100% of maximum speed:
DS—low speed only
DA—low and high speeds

Dimensions for ED Dual
Adjustable Model (inches)

ET525 MINI TROLLEY—SPECIFICATIONS AND DIMENSIONS



Maximum Capacity (lbs)	Product Code	Adjustable Beam Width B (in)	Minimum Radius for Curve (in)	Net Weight (lbs)	Approximate Shipping Weight (lbs)
525	ET525	1.97–3.94	23.6	4.0	5.0

Cap. (lbs)	Headroom C (in)	
	S & DS Model	DA Model
125	10.5	35.3
220		
250		
350	11.1	35.9
400	10.5	35.3
525	11.1	35.9

HARRINGTON
HOISTS AND CRANES



NER/ER Electric Chain Hoists

Available with:

- Hook and Lug Suspensions (NER)
- Motorized Trolley (NERM)
- Push (NERP) and Geared Trolley (NERG)

The NER/ER Series of electric chain hoists were designed using the latest technology. The results are high quality, low-headroom, full-featured hoists that provide daily reliable performance in both routine workplace situations and severe working environments.

Standard Hoist Specifications

<p>Capacity Range 1/8 Ton - 20 Ton</p> <p>Reconnectible Voltage 208-230/460-3-60 for both single and dual speed hoists (optional voltages available)</p> <p>Control Voltage 110V (optional 24V and 48V)</p> <p>Duty Cycle Single Speed—60 Min. Dual Speed—30/10 Min.</p> <p>Classification ASME H4 ISO M5 or M4 FEM 2M or 1Am</p> <p>Ratings Hoist—IP55 Pendant—IP65</p>	<p>Limit Switch Prevents overwinding/overlifting Standard upper</p> <p>Chain Falls Single chain fall through 3 Ton (except NER030C)</p> <p>Standard Lift 10' (longer lifts available)</p> <p>Standard Pendant Drop 4' less than lift (longer drops available)</p> <p>Standard Power Supply Cord 15' (longer lengths available)</p> <p>Standard Pendants 2-button (Up/Down) Momentary contacts</p> <p>Chain Containers Optional Canvas, plastic, or steel</p>
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NER vs. ER Features

ER Model has same high-quality features as NER plus the following:

- Second brake—Weston-style mechanical load brake
- Count hour meter
- Large capacity—8 Ton-20 Ton



NER Series



NERM Series



NERP Series



NERG Series



Harrington complete crane systems offer you the ability to purchase a complete crane system and save on installation by installing it yourself.

Call LAMCO for a free quote on a new overhead crane
at 309-764-7400 or 800-447-1885

Harrington Offers -

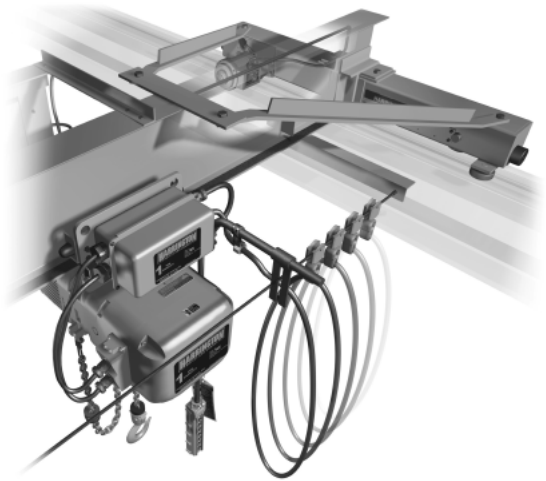
- **Heavy Duty Class C Single & Double Girder Complete Cranes - Motorized, Geared or Push**
- **Medium Duty Series 300 & Light Duty Series 200 Complete Push Cranes**

Harrington's heavy duty cranes have side guide rollers which means these cranes operate much easier than flanged wheel cranes.



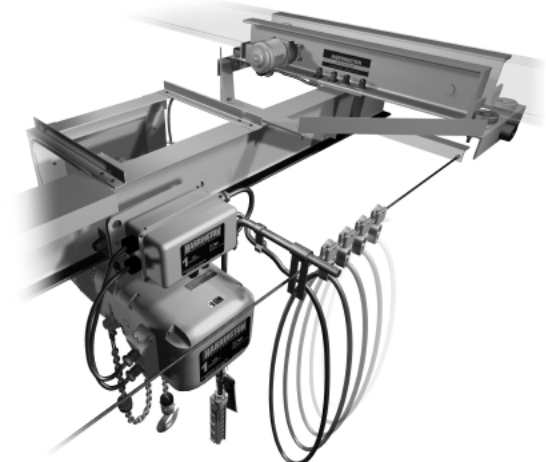
Complete crane system includes:

- All bolted construction for ease in assembly
- End trucks come standard with bumpers, drop stops, and rail sweeps.
- Drive shaft assembly with hand wheel and hand chain for geared cranes.
- Standard bridge beam assembly with bracing and capacity labels.
- Trolley hoist available in a wide selection of styles.
- Power supply to trolley hoist (if required).
- Optional runway electrification.
- Documentation including assembly and installation instructions, crane operator's guide, and owner's manuals.
- Touch-up paint.
- One year warranty.



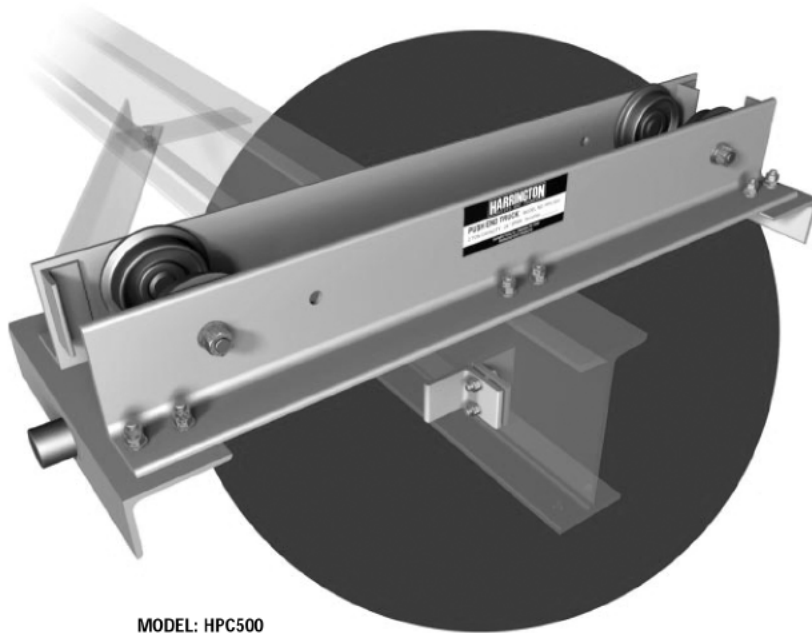
Capabilities to count on:

- Capacities through 10 ton and spans through 60 feet.
- Order with or without hoist and trolley.
- Manual or electric hoists and trolley available.
- Suitable for use on ASCE crane rail or square bar.

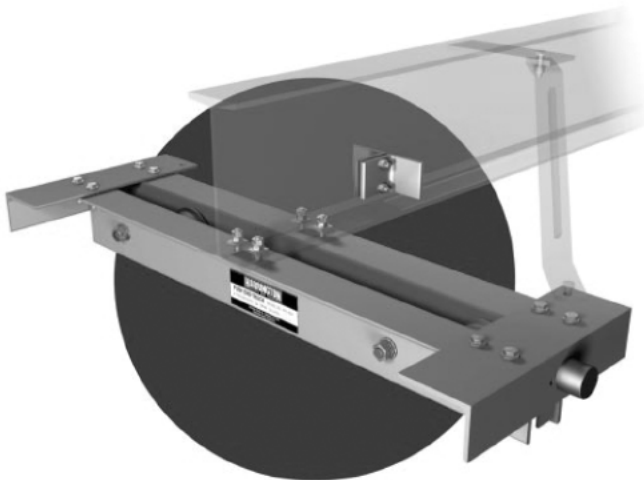


HPC500 Push End Trucks

- 1/2 - 2 TON Capacities
- Up to 24' span



MODEL: HPC500
UNDERHUNG END TRUCKS



MODEL: HPC500
TOP RUNNING END TRUCKS

Economical end trucks provide convenience and top quality

Harrington's HPC500 end trucks reflect improvements in our very popular HPC Series to give you even more quality features. Low cost and convenience in a component kit that gives the option of assembly into either top running or underhung push end trucks. Medium duty applications in assembly, maintenance, machining or general industrial operations fit these end trucks perfectly.

Gain in all directions

Ultimate Convenience

- Lightweight and easy to handle
- All bolted for trouble-free assembly
- Shipped unassembled – convertible for either top running or underhung applications
- Kit includes two end trucks, bumpers, bridge beam fastener set, trolley end stops, beam fabrication instructions and assembly/installation guide
- Designed for use with either manual or electric hoists and trolleys

Top Quality

- Large diameter wheels with shielded ball bearings provide smooth operation
- Wheels of cast ductile iron machined for both tapered and flat flange beams
- Rubber bumpers, drop stops and rail sweeps are standard to meet OSHA, ASME and CMAA requirements
- Manufactured from structural steel for strength and rigidity
- Electrostatically painted for protection and rust resistance

Fast Delivery

- Stocked for immediate shipment