

ED Electric Chain Hoists With Hook Suspension and Mini Trolley

In our ED Series of electric chain hoists, we offer the user a powerful combination of benefits. A wide variety of lifting speeds. A low headroom designed to fit most applications. A unique, ergonomically designed, one-handed cylinder control that results in maximum load control. These features tied together with the convenience of single-phase power, make these hoists ideal for both commercial and industrial applications.

Features and Benefits

Standard Hoist Specifications

<p style="text-align: center;">All Models</p> <p>Double Braking System Provides protection with a Weston-style mechanical load brake and a regenerative brake</p> <p>Compact Design Die-cast aluminum body is lightweight and low headroom to fit into tight areas Easy to install, move and store</p> <p>Heavy Duty Motor With .4 to .8 horsepower is above standard for industrial situations. The compact DC motor with rectifier for AC current reduces weight, generates less heat and maintains duty cycles</p> <p>High Performance Friction Clutch Is integrated with the load brake and designed to slip to prevent overwinding or overtravel</p> <p>Heat Treated Gearing Deep-groove ball and needle bearings are immersed in an oil bath resulting in smooth, quiet operation</p> <p style="text-align: center;">Unique to DS Model</p> <p>Speed Flexibility Low speed adjustable from 0 to 100% of maximum speed by setting screw inside the pendant</p> <p style="text-align: center;">Unique to Cylinder Control (DA) Model</p> <p>In-Line Handgrip Permits one-handed operation and gives the operator a free hand to easily position the load</p> <p>High/Low Speeds Easy touch rocker switch above handgrip allows quick selection between low and high speed control. Finger turn knobs allow custom setting of speeds from 0–100%</p> <p>Removable Bottom Hook Permits insertion of a variety of below-the-hook material handling devices</p>	<p>Capacity Range 125 lb.–525 lb.</p> <p>Voltage 120-1-60</p> <p>Control Voltage 120V Direct</p> <p>Duty Cycle* Varies by capacity—see charts</p> <p>Classification* ASME H2</p> <p>Ratings Hoist—IP54 Pendant—IP65 Cylinder Control—IP44</p> <p>Limit Switch Prevents overwinding/overlifting Standard upper</p> <p>Chain Falls Single fall—all models</p> <p>Standard Lengths Single/Dual Speeds Lift—10' Cylinder Control Lift—6' Single/Dual Speeds Pendant Drop—3' less than lift Cylinder Control—9' reach (approx.) (reach equals lift plus headroom) Power Supply—16' (longer lengths available)</p> <p>Standard Pendants Single/Dual Speeds—2 button Momentary contacts</p> <p>Chain Containers Standard Plastic</p> <p>Mini Trolley Fits all ED models For wider flanges use PT005 trolley</p>
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*See page 48 for additional information.



ED525DA



ED250S

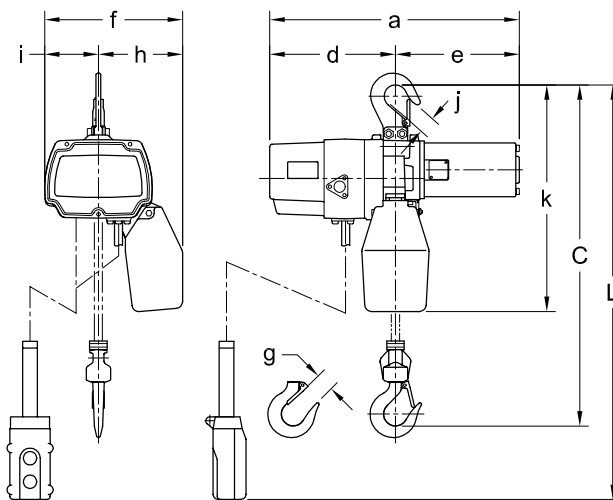
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HOIST—SPECIFICATIONS

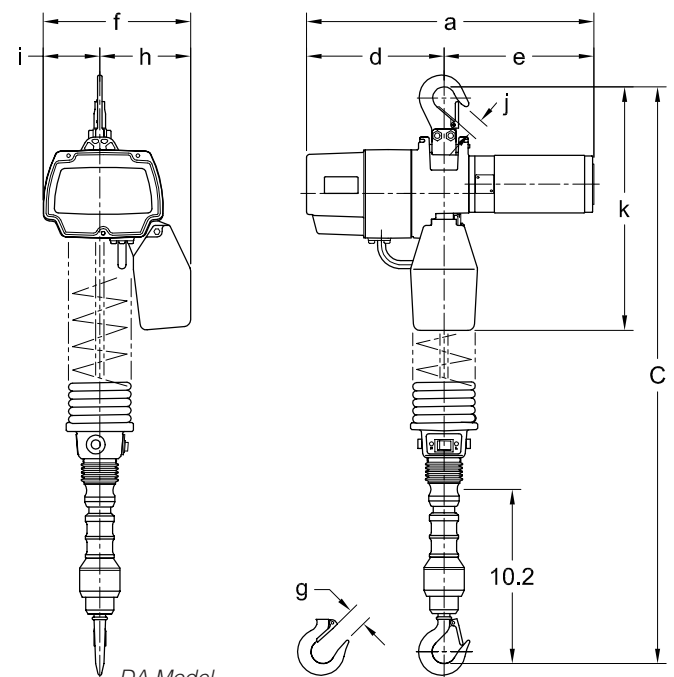
Cap. (lbs)	Product Code			Lifting Speed (ft/min)		Standard Lift (ft)		Push Button Cord L (ft)		Motor Output (Hp)	Intermittent Duty Rating		Short Time Duty Rating (min)	Rated Current at 120V (amps)
	Single Speed S Model	Dual Speed DS Model	Dual Adjustable DA Model	S Model	DS & DA Model	S & DS Model	DA 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						30	180	20	10
350	ED350S	ED350DS	ED350DA	66	66/13						20	120	10	6
400	ED400S	ED400DS	ED400DA	26	26/10						30	180	20	10
525	ED525S	ED525DS	ED525DA	44	44/10						20	120	10	6

HOIST—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	5.3	3.3	1.0	14.3	33	34	40			
350											24	25	32			
400	12.4	37.2	14.6	7.4	7.2	8.1	4.9	3.1	1.0	13.4	24	25	32			
525	13.0	37.8	16.9	8.1	8.8	8.6	5.3	3.3	1.0	14.3	33	34	40			



S and DS Models



DA Model
(Dimensions in inches.)

ET MINI TROLLEY—SPECIFICATIONS

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

ET MINI TROLLEY—DIMENSIONS

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

