

# ELECTRIC CHAIN HOIST (Dual Brake)



Electric Chain Hoists provide a price to quality ratio that is the best in the industry. Available in hook/lug or trolley mounted configurations.

Features noted with an asterisk (\*) come standard in ACI Hoists. Other brands charge up to \$950 for these features.

## Standard Features Include:

- Capacity: ¼ to 20 Ton in stock. Higher capacities available upon request.
- Dual voltage motors available
- Duty Rating: H4
- NEMA 4X control station
- Heavy duty wear resistant load chain.
- Upper & lower limit switches cut the power directly to the motor. This safety device is required in hot metal and critical lift applications.
- Mechanical & electrical brakes.
- Sealed body suitable for both indoor and outdoor usage.
- Easy installation and maintenance
- High performance mechanically and electrically interlocked contactor.
- Each hoist is inspected, and load tested at 125% prior to shipment
- Standard lift: 10 ft.

## Optional Feature:

- Variable speed drive (VFD)
- Remote control station
- Corrosion resistant chain (stainless steel, nickel plates)
- Food grade
- Metal chain bucket
- Rain cover



ELECTRIC CHAIN HOIST (Dual Brake)

**Model ECH**

ACI Hoist & Crane | 2721 NE 4th Ave Pompano FL 33064 | 1-888-4-A-HOIST



Scan QR Code with  
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- Geared, push, or motorized trolley

## Specifications

### Electric Chain Hoist Specifications

Model Number	Capacity (Ton)	Lift Speed (Ft/Min)	Number of Chain Falls	Hoist Motor 3 Phase / 60 Hz		
				HP	Rated Current	
					230 V	460 V
ECHH-00518	1/4	18	1	1.3	8	4
ECHH-00526		26		1.3	8	4
ECHH-00544		44		2.0	10	5
ECHH-01018	1/2	18		1.3	8	4
ECHH-01026		26		1.3	8	4
ECHH-01044		44		2.0	8	4
ECHH-02018	1	18		1.3	8	4
ECHH-02026		26		2.0	10	5
ECHH-04026	2	26		5.0	19	10
ECHH-04009		9		1.3	8	4
ECHH-04013		13	2.0	10	5	
ECHH-06017	3	17	5.0	19	10	
ECHH-06006		6	1.3	8	4	
ECHH-06009		9	2.0	10	5	
ECHH-10010	5	10	2	5.0	19	10
ECHH-15007	7 1/2	7	3	5.0	19	10
ECHH-20010	10	10	4	2 X 5.0	2 X 19	2 X 10
ECCH-30007	15	7	6	2 X 5.0		
ECHH-40005	20	5	8			

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**Lifting Eye\***  
This is required in many specifications for equipment over 40 pounds.

**Overload Limiting Clutch**  
Prevents overloading of the hoist and protects the hoist from damage.

**Easy Maintenance Control Panel**  
Allows easy access for field maintenance.

**Heat Treated Helical & Spur Gears**  
Precision machined and enclosed in oil bath lubrication, resulting in a quiet, smooth, cool operation and long life.

**Forged Carbon Steel Hooks**  
Under excessive loads, the hook will open gradually and not fracture. Ball bearings produce a smooth rotation. Bottom hook will swivel 360 degrees. Hook latches are standard.

**Chain Bag\***  
All of our hoists come with a chain bag at no extra cost.

**Load Sheave**  
Deep groove pockets fully support the load chain during operation. This reduces vibration and chain wear as well as provides a true vertical lift.

**Heavy Duty Motor**  
Increased performance through heavy duty H4 rating as well as standard thermal protection.

**Pull-Rotor Motor Brake**  
An extremely durable and advanced design which contains no brake coil to fail, unlike conventional brakes.

**Mechanical Load Brake\***  
Secondary Weston type mechanical load brake as an added safety features located inside the gearbox.

**Aluminum Body**  
Die cast aluminum body is light weight with a baked paint finish.

**Durable Chain Guide**  
Provides quiet and smooth guiding of the chain. Easily replaced without disassembly of the hoist. Heavy cast iron construction for improved wear vs. stamped steel design offered by many manufacturers.

**Easy to use, one handed operation. Rated IP65, standard control voltage is 110V. Strain relief wire is molded to pendant cable for added support.**

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