

END TRUCK

Top Running Channel Type



Top Running Channel Type



Under Running Channel Type

Available in capacities from **½ ton through 15 tons** for both single girder as well as double girder applications, cataloged through 67 feet span on single girder and 79 feet span on double girder, cataloged speeds of 60, 75, 85 and 100 FPM. Available as two speed with 3:1 ratio, straight tread wheels hardened to either 420 or 450 Brinell (depending on capacity) and lifetime lubricated ball bearings, with maximum allowable wheel loadings up to 40,950 lbs. (depending on the wheel diameter).

Top Running Welded Plate Type

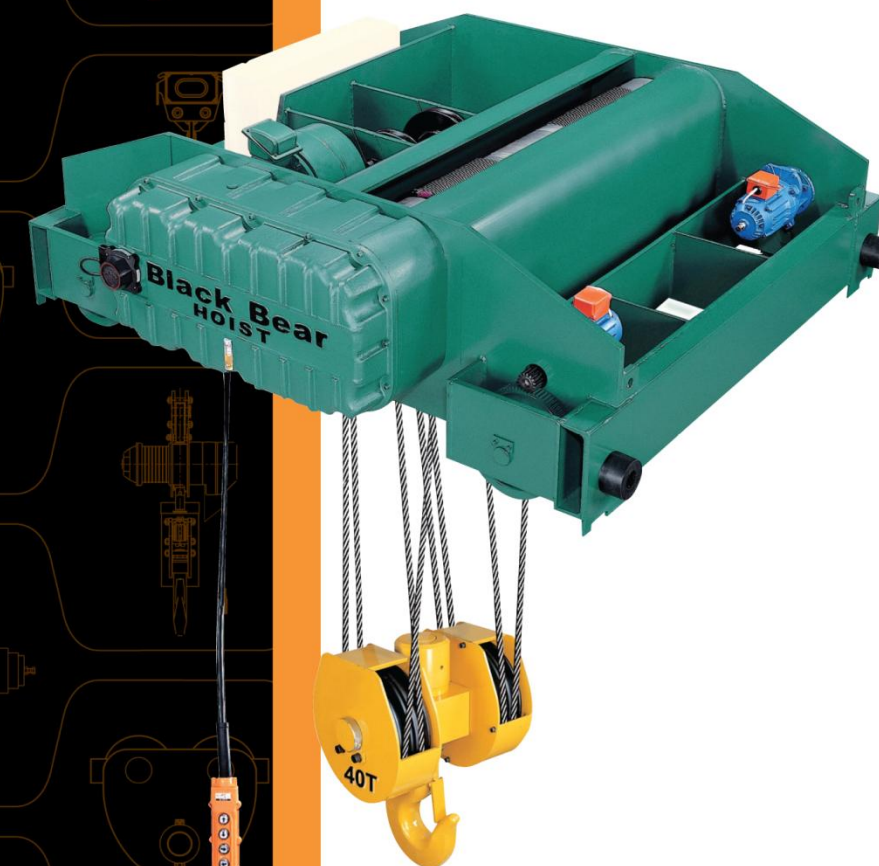
Available in capacities **through 200 tons** principally for double girder applications with spans through 115 feet, cataloged wheel diameters from 5" through 19.7", truck lengths from 60" through 160" and speeds of 60, 75, 85 and 100 FPM, as well as 2 speeds at 3:1 ratio. End trucks feature straight tread wheels hardened up to 450 Brinell, lifetime lubricated ball bearings.

Under Running Channel Type

Available in capacities from **½ ton through 10 tons**, spans from 10 feet through 60 feet with cataloged speeds of 55, 65 and 80 FPM, with 2 speed options at 3:1 ratio – custom speeds always available. Compound tread single flanged wheels, hardened to 420 Brinell, which will operate on either American Standard I Beam or Wide Flange beams (Beam widths from 4" to 12" depending upon capacity.) Cataloged wheel bases from 46" through 84", with other wheel bases, speeds and beam flange adjustments available upon application.



ISO 9001



Master Distributor:



MBI Crane & Hoist

Material Handling Products and Services

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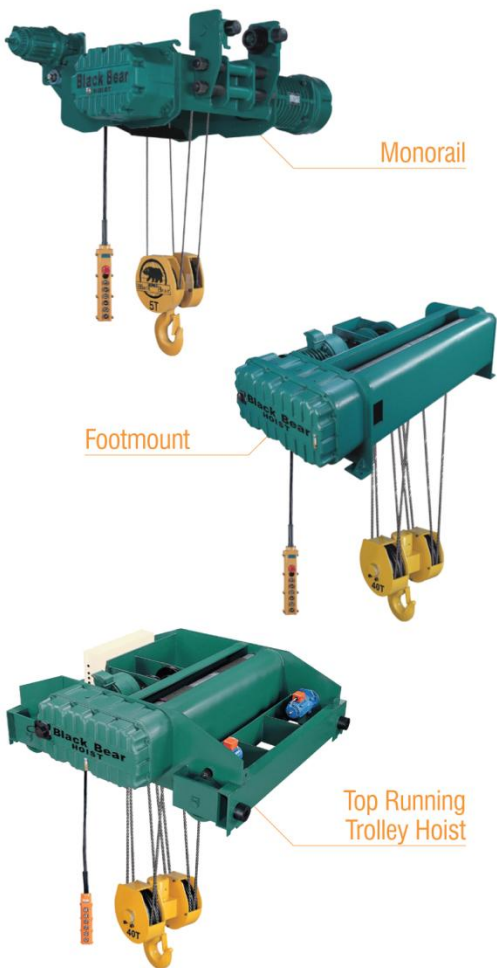
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ISO 9001



**QUICK
REFERENCE**

ELECTRIC WIRE ROPE HOIST



Monorail

Footmount

Top Running
Trolley Hoist

Available in capacities from **1 through 20 Tons**, single or double reeved. Available in all standard three phase voltages. All hoists are rated H4. Standard equipment includes: block operated upper limit switch, dc actuated motor brake, class F motor insulation, mechanical load brake, hardened compound tread trolley wheels, lifetime lubricated wheel bearings, wide range of beam flange adjustment. Available either with or without controls. (Controls include a 4 button IP-65 pushbutton station+Emergency Stop button with a drop of lift minus 3 feet.) All standard options available.

Available in capacities from **1 through 300 tons**, cataloged through 40 tons. Available in all standard three phase voltages. All hoists are rated H4. Standard equipment includes: block operated upper limit switch, dc actuated motor brake, class F motor insulation and a mechanical load brake. Also available either with or without controls. (All hoists with controls include a four button pushbutton IP-65 station+an Emergency Stop button with a drop of lift minus 3 feet.) All standard options available.

Available in capacities from **2 through 300 tons**, cataloged through 40 tons. Available in all standard three phase voltages. All hoists are rated H4. Standard equipment includes block operated upper limit switch, dc actuated motor brake, class F motor insulation, a mechanical load brake, hardened (HRC 45±2) straight tread – double flanged wheels, each have two lifetime lubricated ball bearings with an L10 rating of 10,000 hours. Available with or without controls (Controls include a button IP-65 pushbutton station+an Emergency Stop button with a drop of lift minus 3 feet.) All standard options available.

ELECTRIC CHAIN HOIST



NHD
series

YS
series

BLFD
series

Available in capacities from **½ ton through 2 tons**, in either 230 or 460 three phase power, control voltages of either 48 or 115. All hoists are rated H4. Standard features include 4:1 ratio 2 speed hoist, 2 speed motor driven trolleys, electrical upper/lower limit switch, Grade 80 plated load chain, IP-54 enclosure, class F motor insulation, thermal overload protection, a slip clutch to prevent damaging overloads, rotatable electrical component bracket for ease of maintenance, an IP-65 pushbutton station and a chain container. Also available with lug or rigid hook mounted push and hand geared trolleys.

Available in capacities from **½ ton through 30 metric tons**, in either 230 or 460 three phase power, single or two speed. Single phase hoists available from ½ ton through 2 ton capacities. All three phase hoists are rated H4. Standard features include electrical upper/lower limit switch, 115v control voltage, thermal overload protection, phase error relay (to prevent reverse phasing), a slip clutch to prevent damaging overloads, instant acting motor brake, a mechanical load brake, a 2 or 4 button pendant pushbutton station+ Emergency Stop button (with a drop of lift minus 3 feet) and a chain container. The pendant pushbutton is connected to the hoist with a quick change metal plug.

This suitcase style portable hoist is available in capacities from **175 lbs. through 1,000 lbs.** in either 115/1/60 or 230/1/60. All hoists are equipped with IP-54 enclosures, class F motor insulation, a slip clutch which serves as both a upper/lower limit as well as an overload limit, a molded carrying case, a chain container and a standard 2 speed motor with Variable Frequency Control on the lower speed allowing speeds of 0-15.7 FPM, depending on the capacity. Hoist also includes a 2 button (up/down) + adjustable slow speed button+ES (emergency stop), plus pendant cord of lift minus 3 feet.

HAND CHAIN HOIST

Available in capacities from **½ ton through 60 ton**, cataloged through metric 10 tons. Black Bear hand chain hoists feature rugged steel frames, gear case covers and hand wheel covers for strength and durability, double ratchet pawls for increased safety, 360° swiveling forged steel heat treated upper and lower hooks complete with safety latches. Units are available with optional loadlimiters or the loadlimiters can be retrofitted to an existing Black Bear hand chain hoist in capacities of ½ through 5 tons.

LEVER HOIST

Available in capacities from the tool box sized **¼ ton** through the tool crib sized **9 metric ton** model. The Black Bear lever hoist has a heavy duty steel frame, 360° swiveling handle as well as forged steel swiveling upper and lower hooks (with safety latches), an easy “free chaining” capability and short handles for versatility with low effort required to lift a capacity load. Optional equipment includes marine hooks and a loadlimiter to prevent damaging overloads.

BEAM CLAMPS

Available in capacities of **1, 2, 3, 5 and 10 tons**, adjustable to fit beam flanges from 3” to 8.5” (1 & 2 ton models); 3” to 12.5”, except the 10 ton model which is adjustable from 3.5” to 12.5”. Ideal for lifting beams or using for a temporary suspension point for hook suspended hoist of equal capacity.

TROLLEY

Available in capacities from **½ ton through 10 tons** with a minimum adjustability of 2 inches. Wheels are equipped with lifetime lubricated ball bearings and compound tread which allow usage on either wide flange or American Standard I beams. Hand Geared trolleys are equipped with zinc plated hand chain with a drop equal to the lift of the hoist which is suspended from it, minus one foot.

Plain
Trolley

Geared
Trolley

Monorail Motorized
Trolley

Motor Saddle
Trolley

