



Material Handling Equipments

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OUR PRODUCTS SERVE THE FOLLOWING INDUSTRIAL SECTOR:



Foundries



Chemical Plant



Paper Industry



Shipyards



Power Plant



Mines Industry

ELECTRIC WIRE ROPE HOISTS

"HARIKANT" Offers Electric Wire Rope Hoists are manufactured with various types of Cross Travel Trolleys like Power Trolley, Flexible Trolley, Push Pull Trolley, Hand Geared Travel Trolley as designed in accordance with latest Indian standard IS-3938.

S.W.L: 50 kgs. to 20,000 kgs.
Lift.: As per customers requirement



- ▶ Conventional as well as modular Design.
- ▶ Low head room, spur and helical gears running on antifriction ball Bearings with lubrication including oil and grease.
- ▶ Squirrel Cage Motors confirming to IS-325.
- ▶ Disc Brakes, Shoe Brakes, Thruster Brakes as per the application.
- ▶ Seamless Pipe for rope drum.
- ▶ Wire Rope as per IS-2266.
- ▶ Hook as per IS-15560.
- ▶ Limit switches for upper and lower limits for safe operation.
- ▶ Flame proof Hoist (FLP) also manufactured.

GOODS LIFTS

"HARIKANT" Offers Goods Lifts are designed in accordance with latest Indian standard IS-14665 & IS-807.

Floor Level: Ground Level + 10
Pay Load Capacity: 500 kgs. to 5,000 kgs.



- ▶ Provide Winch instead of balancing lifting machine or Hoist.
- ▶ The cage is being guided with Guide shoe on 'T' Guide rail.
- ▶ The Cage is made of rolled Steel sections and sides are covered with Bumped sheet or hollow pipes. (As required) Cage top is covered with M.S. Sheets and bottom is covered with chequered plate for Antiskid property.
- ▶ Collapsible Doors for cage.
- ▶ Limit Switch at each landing level floors and cage door to avoid any Accident causality.
- ▶ Limit Switches with one gravity switch will be provided to prevent over lifting & below lowering of cage.

GOLIATH CRANES

"HARIKANT" Offers Goliath Cranes are designed in accordance with latest Indian standard IS-3177 & IS-807.

Span: 5 mtrs. to 50 mtrs.
S.W.L.: 1,000 kgs. to 1,00,000 kgs.



- ▶ Single Girder Goliath / Double Girder Goliath / Semi Goliath.
- ▶ The motors are used specially crane duty (S4) Squirrel Cage & Slip Ring Motors suitable for frequent starting, reversing and braking in Accordance with IS-325. Disc Brakes, Shoe Brakes, Thruster Brakes as per the application.
- ▶ Seamless Pipe for rope drum.
- ▶ Wire Rope as Per IS-2266.
- ▶ Hook as per IS-15560.
- ▶ Hoist and Cross travel limit switches.

Pillar Mounted / Wall Mounted Jib Cranes

"HARIKANT" Offers Pillar Mounted / Wall Mounted Jib Cranes are designed in accordance with latest Indian standard IS-15419 & IS-807.

Boom Length: 2 mtrs. to 6 mtrs.
S.W.L.: 500 kgs. to 5,000 kgs.

- ▶ Conventional as well as modular Design.
- ▶ Seamless Pipe for rope drum.
- ▶ Disc Brakes, Shoe Brakes, Thruster Brakes as per the application.
- ▶ Wire Rope as per IS-2266.
- ▶ Hook as per IS-15560.
- ▶ Hoist and Cross travel limit switch.
- ▶ Manual / Motorized swiveling motion.



Single Girder and Double Girder EOT / HOT Cranes

"HARIKANT" Offers Single Girder and Double Girder EOT / HOT Cranes are designed and manufactured in accordance with IS-3177 and IS-4137 considering adequate factor of safety with respect to appropriate duty. The Structure parts of the cranes are designed in accordance with IS-807. Cranes are manufactured with standard components and controls to ensure reliability.

Single Girder E.O.T. Crane
Span: 3 mtrs. to 30 mtrs.
S.W.L.: 500 kgs. to 20,000 kgs.

Double Girder E.O.T. Crane
Span: 5 mtrs. to 80 mtrs.
S.W.L.: 500 kgs. to 1,50,000 kgs.

- ▶ Conventional as well as modular Design.
- ▶ Crane Girders are of plate box type / standard rolled steel / compound beams. All the main butt weld joints of the web are strong and rigid structure thus 100% reliability of welded joints is ensured. The material of conforms to IS: 2062-1992.
- ▶ The motors are used specially crane duty (S4) Squirrel Cage & Slip Ring Motors confirming to IS-325.
- ▶ Disc Brakes, Shoe Brakes, Thruster Brakes as per the application. DC brakes are also provided on request.
- ▶ Power System for Hoist and cross travel through trailing cables / Drag Chain to crane through DSL System.
- ▶ Safety limit switches for stoppers will be provided to prevent over traveling in all motions.



Electric Operated Winch

"HARIKANT" Offers Electric Operated Winch are designed in accordance with latest Indian standard IS-9507.

S.W.L.: 500 kgs. to 30,000 kgs.
Lift: 1,000 mtrs.

- ▶ Conventional as well as modular Design.
- ▶ Reputed Brand Gearboxes and Motors. (As per Customers requirement)
- ▶ Disc Brakes, Shoe Brakes, Thruster Brakes as per the application.
- ▶ Seamless Pipe for rope drum.
- ▶ Wire Rope as per IS-2266.
- ▶ Hook as per IS-15560.
- ▶ Hoisting limit switches.



Spares, Services & AMC

We offer Crane Accessories and undertake complete Maintenance, Repair and Annual Maintenance Contract for Hoists, Overhead Cranes, Goods Lift as well as Winch.

- ▶ We provide Spares like Crab Unit, End Carriage, Couplings, Wheel Assembly, Hook Assembly, Gear Boxes, Wire Rope, All type of Brakes and its Accessories, DSL Shrouded Bus Bar System, Pendent Push Button, Radio Remote Control, Limit Switches.
- ▶ We arrange selection and installation procedure for Gantry Rails and Gantry Girders for All Type of E.O.T. & H.O.T. Cranes.
- ▶ We perform design of columns for supporting the Gantry Girder, Design of Monorail and supports for Electric Wire Rope Hoist.
- ▶ We carry out Erection and Commissioning of Crane and Hoist with Gantry Girder and Rails or Sq. Bar.
- ▶ We also provide Gantry Alignment Readiness and Refurbishment of Old Cranes.
- ▶ Servicing & Maintenance of Hoist and E.O.T. / H.O.T. Crane.
- ▶ AMC for E.O.T. / H.O.T. Crane and Electric Wire rope Hoist.
- ▶ We provide Load Testing and Certification of the Material Handling Equipment.

OUR CLIENTS



Contact us:

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