

EAGLE TECHNOFAB LLP.



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Mfrs. of :

- Electric Wire Rope Hoist up to 30 Ton
- E.O.T. Cranes Upto 400 Ton
- Extra Heavy Duty Steel Mill Duty Cranes
- Goliath & Semi Goliath Cranes
- Cage Hoist/Hydraulic Lifts
- Heavy Duty Belt Conveying System
- Flame Proof Cranes & Hoists
- JIB Cranes
- Underslung EOT Cranes
- PEB Structure/Customized Engineering

GROUP OF COMPANIES :

EAGLE SCALE MANUFACTURING WORKS.
EAGLE TECHNOFAB LLP.

EAGLE TECHNOFAB LLP.

Office :

**302, Ashoka, Nr. Golden Triangle Building,
Sardar Patel Stadium Road, Navarangpura,
Ahmedabad-380014, (Gujarat) India.**

Factory Address :

**Kadadra,
Gujarat - 382305**

SAFETY | SATISFACTION | SERVICE

EAGLE MATERIAL HANDLING EQUIPMENTS

EAGLE a trusted brand in material handling equipments



EAGLE offers a wide range of products and Cranes are designed in accordance as per IS 4137 of Practice for Electric Overhead Traveling Cranes and Gantry Cranes other than steel work cranes (Second Revision). This code covers mechanical, electrical, inspection and testing requirements related to the design, manufacturing and erection of electric overhead traveling cranes, portal and semi-portal cranes, single girder, double girder or mono-box type. Steel work cranes which are covered in IS 4137 and new classification for the crane as a whole, which has been defined as from No. M1, M2, M8 and crane mechanism.

ELECTRIC WIRE ROPE HOIST

EAGLE electric hoists are invaluable assets to any workshop/ware house. They are manufactured to meet the Class II duty requirement of IS : 3938. These hoists are compact designed & rugged and are manufactured by the highly experienced engineers under quality control & close supervision.

These hoists can be built with micro speed arrangement (10% of normal hoisting speed) **EAGLE** hoists are designed for long life and for continuation generated.

Product represents the ideal combination of company's resources and skilled workmanship. These hoists are robust, reliable and are ideal for even heavy duty applications. Hoist motor, brakes, electrical control gears & trolley drive units are easily accessible.



This simplifies repairs and maintenance cost and down times. Spur/Helical gears are running in oil both lubrication.

Motors are cranes duty confirming to IS 325. A. C. Electromagnetic (Fail to Safe) Shoe/Disc type brake for hoisting motion, which ensures perfect safety in case of power failure, tested wire rope confirming to IS 2266. forged hooks confirming to IS 3815 and push button stations operating at step down voltage of 110V.

HOIST & EOT CRANE KITS & SPARES :



EAGLE make Hoists & EOT cranes spares are available Ex-stock. Our highly experienced team can provide all types of hoist & crane spares under one roof.

Up gradation & modification facilities are also available for any hoists, EOT cranes & any material handling equipment.

E.O.T./H.O.T. CRANES :

EOT Cranes move on the gantry rails fixed on top of the gantry girders. In this type three common motions are incorporated namely, hoist, Cross Travel and Long Travel. Some time according to the customer's requirement, auxilliary Hoist and Micro motions are also incorporated.

Hoist and C.T. machineries are fitted on a common frame called crab, which moves on rails fixed on the crane girders.



Capacity wise Manufacturing Range :

- Single Girder E.O.T. Crane upto 20 Tons.
- Double Girder E.O.T. Crane upto 400 Tons.
- Heavy Duty steel mills duty Crane.
- Flame Proof Crane.
- Under Slung Crane.

GOLIATH & SEMI-GOLIATH CRANES :



Goliath & Semi Goliath Cranes may be Single Girder or Double cranes, but they differ from E.O.T. Cranes, since they move on the rails fixed at ground level as compared to rails fixed at a height for E.O.T. cranes, these are in variable used for outdoor duty and is the most ideal material handling equipment to handle heavy loads in open yards

Goliath Cranes are overhead structures with hoisting machines mounted on a frame or structure. It is generally desired for outdoor application but sometimes used for indoor applications also generally these cranes are used at timber, steel, yards, cement pipe industries, construction industries, stock yards, dam etc.

HEAVY DUTY BELT CONVEYING SYSTEM :



EAGLE manufactures heavy-duty belt conveyors with various speeds and capacities to meet customers' diverse requirements. The belt conveyors can be designed for steel plants, cement plants as flat, horizontal, or inclined, with or without curves.

Flat belts are used for low capacity and low-speed horizontal conveyors, ideal for materials with a higher angle of repose. Trough belts are used for high-capacity, high-speed conveyors, with or without an incline.

GOODS LIFT (CAGE HOIST) :

EAGLE goods lifts are specially designed for safe lifting of the materials in the heavy duty industrial environment. These Goods lifts are used to transfer material from one level/floor to another in a fabricated cage.

This system incorporate a standard Wire Rope Hoist, mounted on a supported I beam, which lowers and raises a steel Cage (with or without collapsible shutters). The Cage is operated through properly interlocked push buttons with limit switches for perfect safety. In the absence of RCC well inside the building, a fabricated enclosure supporting structure can be erected on site.



These lifts have large loading capacity, smooth running operation and noiseless functioning.

EAGLE Goods Lifts range includes different capacity models from 500 kgs to 15,000 kgs.

These lifts operate at considerably with reduced speeds.

Recommended speeds range from 5 to 15 meters per minute.

An ideal solution for Warehouses, Industries, Supermarkets and other Retail activities.

JIB CRANES :



EAGLE manufactures Jib Cranes from 180° to 360° & are built consistently confirming to IS:807 & IS:15419 (2004)

FEATURES:

- 1) M. S. Gusset plates/thick base giving added rigidity to column.
- 2) Masts fabricated from pipe/rolled steel sections confirming IS Fe410W IS:2062.
- 3) Jib arm are fabricated from heavy section I Beam and triangular truss construction.
- 4) Bearing double rolled self aligned, thrust roller bearing to take care of horizontal and vertical loading as well as radial thrust.
- 5) Swiveling through chain at the end Jib Crane.
- 6) Base Plate drilled suitable holes to take hold down foundation bolts.

BELT CONVEYOR ACCESSORIES :



EAGLE Group has extensive experience in manufacturing conveyor spares & accessories as per customer requirements for steel plants & cement plants.

All conveyor & material handling equipment spares are available under one roof and designed as per quality standards.

SCREW CONVEYING SYSTEM :



EAGLE makes screw conveying systems that are highly efficient in design. These systems are available in mild steel plates, hot-dip galvanized structures, and stainless steel structures. The screw conveying design is optimized to convey maximum raw material efficiently.

EXTRA HEAVY DUTY STEEL MILL DUTY CRANES :



EAGLE offers a wide range of Extra Heavy Duty Steel mill cranes products. Cranes are designed in accordance as per IS 4137 of Practice for Electric Overhead Travelling Cranes and Gantry Cranes other than steel work cranes (Second Revision). This code covers mechanical, electrical, inspection and testing requirements related to the design, manufacturing and erection of electric overhead traveling cranes, portal and semi-portal cranes, single girder, double girder or mono-box type. It cover extra heavy duty steel work cranes which are covered in IS 4137 and new classification for the crane as a whole, which has been defined as from No. M1, M2, M8 and crane mechanism.

ADVANTAGES :

Very highly efficient design for safe operations. Slipring motors & panel design for E.O.T. Cranes & Control panels are available special for steel plants. Our Extra Heavy Duty Gear Boxes Special design for Steel Mill Duty Cranes for Long-life Operations. Extra safety features are added in Extra Steel Mill Duty Cranes for zero breakdowns. Dust proof panels & wheel Bearings, Housing special design for dust protections.

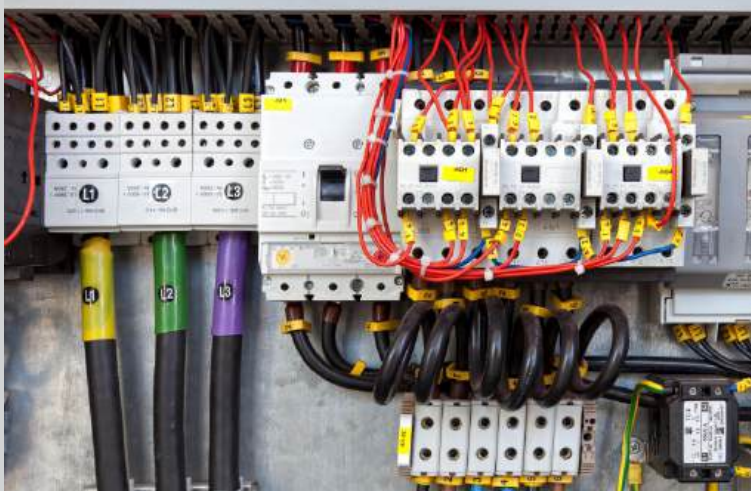
RAIL MOUNTED GANTRY CRANES :



Rail-mounted gantry cranes (RMG) are manufactured to individual customer need in a variety of different stacking heights & spans, with 8 rope reeving, anti-sway & drive systems.

The **EAGLE** make rail-mounted gantry crane delivers exceptional productivity and reliability. Our RMG cranes are available with stacking heights up to eight containers high, with custom spans in excess of 70 meters, and outreaches up to 20 meters. Each RMG features crane management & reporting software and is designed for manual, semi-automatic, or automatic operations.

ELECTRIC CONTROL PANELS



EAGLE manufactures electric control panels in a wide range of categories, including : PLC control panels, Slipring control panels, Goods Lift control panels

Heavy crane panels & more with high expertise in the field, **EAGLE** ensure customized solutions based on customer requirements.