

Some of our Valued Customers



SHREEJI ENGINEERING WORKS

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Material handling
from Concept to Creation....



From concept to creation, SHREEJI
Crane and Hoist's team of engineers
and fabricators will custom design and
construct a material handling solution
specific to your needs



Company Profile

Innovation... Performance... Reliability

SHREEJI Crane and Hoist has over 30 years of experience in the Overhead Crane, Wire Rope Hoists, Single Girder EOT Crane, Double Girder EOT Crane, Goliath Crane, Semi Goliath crane, Cage Hoist, Goods Lift, Jib Crane and FLT Hoist for hazardous atmosphere industry. Our hoist products and services are distributed by a wide and diverse network of independently owned and operated businesses. This wide network includes crane and hoist users, servicing crane and hoists, industrial distributors and other material handling and hoist equipment manufacturers and distributors. Headquartered in Ahmedabad (Gujarat), our distribution network extends to all over India and Africa.

Our chain hoist, wire rope hoist products, crane packages, crane components and services lead the industry in innovation, performance and reliability. We provide state-of-the-art proprietary training and marketing tools to all our distributors and staff. Our pre-engineered hoist products and support allow our distributors to concentrate on serving their customers. Our people truly make the difference, they are dedicated, service oriented, multi-lingual professionals.

If you are seeking a material handling solution, whether chain or wire rope hoist solution, we invite you to contact us.



SHREEJI Gantry Cranes or Goliath Cranes are similar to a top running crane except that the crane bridge is supported by legs and the rails are at ground level. The additional leg structure makes the crane more expensive, this is offset by the considerably cheaper low level rails. That advantage increases with increased track length making them particularly suitable for large outdoor stockyards.

- Economical solution to bridge cranes
- Heavy and light duty
- Efficient and safe operation
- Minimum maintenance
- Cost effective
- All components are carefully selected for 'Crane duty' applications.

Jib Cranes

- Plates: M.S. Gusset Plates / Thick Base Plates give added rigidity to column.
- Mast: is fabricated from Pipe / Rolled Steel section.
JIB Arm: is fabricated from heavy section I-Beam and triangular truss construction / Plate fabrication.
- Bearing: Double Roller self aligned thrust roller bearing to take care of horizontal and vertical loading as well as radial thrust.
- Swiveling: Through chain at end of JIB Arm or Electric (if required)
- Swiveling Boom: Available with 900, 1800 and 3600.



Floor Operated Transfer Trolley

SHREEJI" has a wide range of Industrial Transfer Cars Trolley to suit the job and application. This Motorized Transfer Trolley is used on Rail / Square bar for definite travel in Painting shops, quarries, Warehouses and multi-bay workshops for transferring loads.

The Trolleys are non-standard and designed considering pay load. Various parameters for considering the pay load include the Dimension of the load, Point Loading / U.D.Load, Speed, Length, Width & Height. The Structure is made out of IS-2062 M.S. structural steel and wheels are made from Alloy steel to suit the load and profile of Rail / Square Bar.

- Transfer Cars Trolley Range:
- 10 Ton Motorized Transfer Trolleys
- 15 Ton Material Transfer Carts Trolleys
- 20 Ton Electric Transfer Carts
- 30 Ton Industrial Transfer Carts for Material Handlings
- 40 Ton Industrial Material Transfer Cars Trolleys





MOTOR

Foot Mounted squirrel cage induction motor designed and manufactured to IS 325 of reputed make are used. Motors are totally enclosed, half hour rated, with high starting torque, specially designed and built for hoist duty. The motors suitable for frequent startstop as well as braking and are provided with class 'B' insulation.



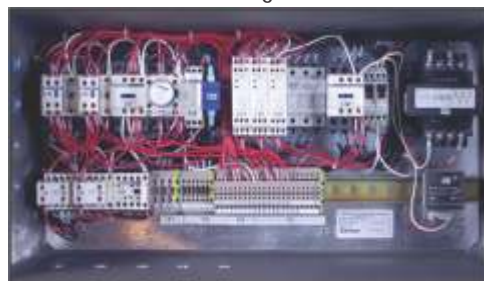
BRAKE

Disc shoe type spring loaded brakes are provided for heavy duty operation. Brakes are mounted on the non-driving end of the motor and are easily accessible.



TROLLEY

Cross Travel Trolley are designed to suit standard Rolled Steel Joist or box girder. The trolley frame is rigidly bolted with hoist frame through series of hoist. Adjustments of flange width, C.T. Wheels are with ball bearing and mounted on EN 8 Steel axles.



CONTROLS

Every hoist is provided with a control panel comprising of standard make heavy duty, direct – on line reversing type air brake contactors, transformer and fuses. Dust proof M.S. sheet metal cabinet.



ROPE DRUM

The rope drum is made of sturdy seamless pipe or fabricated from steel plates and is grooved to take the full lift without over winding. Large drum diameter to rope ratio reduce wear and cable fatigue. The drum shaft revolves in ball bearing, ensuring smooth running.



ROPE GUIDE

Standard hoist carries rope guide and pressure ring as standard feature. Cast iron fully en-circling guide ring fixed around the grooves of the drum to ensure correct rope lay.



GEARS

Alloy steel hobbed teeth helical spur gears with solid pinions running on ball / roller bearing with oil bath lubrication.



LIMIT SWITCH and BOTTOM BLOCK

Limit switches are provided with each hoist, which ensures the highest & lowest position of load hook. Bottom Hook Assembly consisting of drop forged steel hook mounted on thrust Ball Bearings, with large diameter sheave.

Crane Accessories



CRANE UNIT



END CARRIAGE



EMD BRAKES



GEAR COUPLING



IL TYPE WHEEL



HOOK ASSEMBLY



PENDANT PUSH BUTTON



RADIO REMOTE CONTROL



BRAKE LINER SHOE



THRUSTER BRAKE



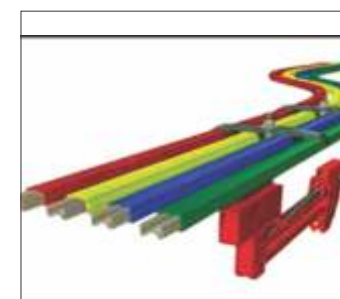
PIN BUSH TYPE COUPLING



RAIL CLAMP



BRAKE SHOE LINER



DSL SHROUDED BUS BAR SYSTEM



CABLE TROLLEY



GEAR BOX

Cranes

E. O. T. Cranes

Double Girder EOT Crane | Single Girder EOT Crane | Overhead Cranes | Under Slung Cranes | Goliath cranes |

Jib Cranes | HOT Cranes

Double Girder EOT Crane are designed with adequate safety factors, in accordance to duty classification as per IS-3177 & IS-4137. Overhead Cranes are classified in different types mainly Single Girder Cranes or Double Girder Cranes. Available in the capacities of 0.5 Ton to 500 Ton.

Double Girder EOT Crane



- The structural parts of the Overhead Bridge Cranes are designed and manufactured as per IS-807.
- These types of Double Girder Overhead Travelling Cranes are used for heavier loads and longer spans.
- These Electric Overhead Traveling Cranes are widely used in various applications like transporters, trenches, erection of bulky equipment, shifting of heavy loads, mine quarries, heavy fabrication units and others.
- They offer the advantages of low headroom as the hook can be lifted up between the girders.

Single Girder EOT Crane



- We offers Single Girder EOT Crane which cost effective solution due to their low dead weight. They provide greater floor coverage than other types of Overhead Cranes.
- Single Girder Cranes are designed and made in accordance with the duty classification as per IS-3177. Single Girder Overhead Cranes are designed and manufactured with adequate factor of safety in compliance with the IS-807.
- These EOT Cranes are known for providing cost-effective solutions due to their low dead weight. Moreover, these cranes provide greater floor coverage than any other type of Overhead Cranes.

Under Slung Crane



"SHREEJI" brand Single Girder Underslung Crane (Underhung Cranes) are an ideal solution, in places where supporting steel work under the crane is not an option. It is best used for minimized loadings, as Underslung Bridge Cranes are supported from the roof structure. Consequently most Under Slung Cranes are Single Girder design, although we offer a double girder option. SHREEJI ENGINEERING Manufactures a standard range of Single Girder Underslung Cranes in capacities 0.25 Ton to 25 Ton. Typically, the Under Slung Cranes find their application in the motor vehicle and aerospace industries where the production process demands a large clear area. However Underslung Cranes can be used appropriately in many other industrial processes as well.

Wire Rope Hoists

Owing to our contemporary manufacturing facilities, we are able to offer a broad array of Heavy Duty Wire Rope Hoist. These electric hoists are used for material handling and are best suited for both medium and heavy duty operations. The electric wire rope hoists offered by us, are easy to maintain as these are constructed in open type. In this type of construction, every component can be accessed with ease and provide hassle free operations. These hoists provide reliable performance and are rugged inbuilt. SHREEJI Wire Rope Hoist features a compact, modular design that is perfect for retrofits or installation on new demanding applications. This SHREEJI branded Wire Rope Hoist can be configured as Deck/Base Mounted - ideal for stationary applications or double girder cranes, or Trolley Mounted – ideal for top-running or underslung overhead bridge cranes. Available with various headroom options for super low height requirement, molten metal application, forging application and various other options.

We are leading manufacturer of Monorail Hoists, Power Hoists, Electric Hoists, Electric Wire Rope Hoist, Electrical Hoist, Hoists, Rope Hoists, Single Girder Hoist, Wire Rope Hoists, wire hoist, flame proof hoist, Rope Drum Hoists

Capacity of Electric Wire Rope Hoist

0.25T | 0.5T | 1T | 1.5T | 2T | 3T | 5T | 7.5T | 10T | 15T | 17.5T | 20T | 25T



Applications:

Steel Plant, Power Plants, Oil & Gas, Construction Site, Factories, Ware Houses, Heavy Fabrication Units, Railway Yards, Transporters, Mine Quarries Harbors, Large Water Works, Marine, Other Industries



WIRE ROPE

6 x 37 construction special ploughs hempcore flexible steel wire rope, having safety factor of 6 for class II and 7 for class III duty, is provided on the hoist. Galvanized and other construction of rope can be provided for special application.



FRAME

All steel fabricated machined and bolted type. The gear box is rigidly aligned with the end load plates by substantially holding the transfer members which also form the motor platform for foot mounted motors.