

# Efficient, Reliable & Safe material handling



## **MG Cranes**

- Single Girder EOT Crane
- Double Girder EOT Crane
- Under Slung Crane
- Goliath Crane
- Jib Crane

## Single Girder EOT Crane

We are engaged in manufacturing high quality range of Single Girder EOT Crane which are used for moving loads in different such as up, down, right and left easily. These machines are widely acclaimed for their qualities like high performance and optimum quality.

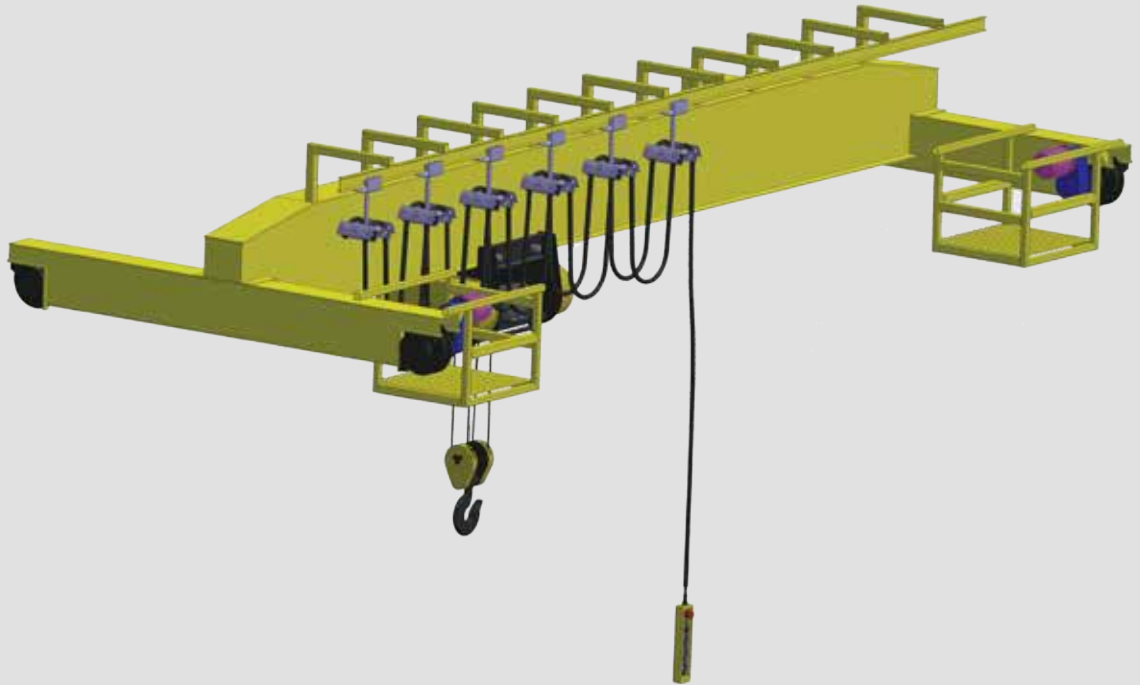
Designed & manufactured in accordance with IS 807, IS 3177. single girder overhead cranes are designed and manufactured with adequate factor of safety in compliance with the IS-807.

These EOT cranes are know for providing cost- effective due to their low dead weight. Moreover, these cranes provides greater floor coverage than any other type of overhead cranes.

### Specifications:

Capacity Range:	1 Ton to 15 Ton
Span:	As per Requirement
Height of lift:	As per requirement
Duty class:	Equivalent to M3 to M8 As per IS- 3177.
Feature Variants:	Double Hoist Dual Speed
Motor:	Squirrel cage induction hoisting motors with built-in fail safe brakes for hoisting, cross travel as well as long travel. Insulation class for all motors B/F.
Power supply:	We are providing C rail festoon system / Drag chain for cross travel supply, Also using DSL System for Long Travel power supply. We are providing cable duct for Connections from panel to motors.
Special features:	Low cost Easy operative Suitable for low headroom Low maintenance

During manufacturing process, we strictly follow the required international standards of safety. We match our products with customer's requirements.







## Double Girder EOT Crane

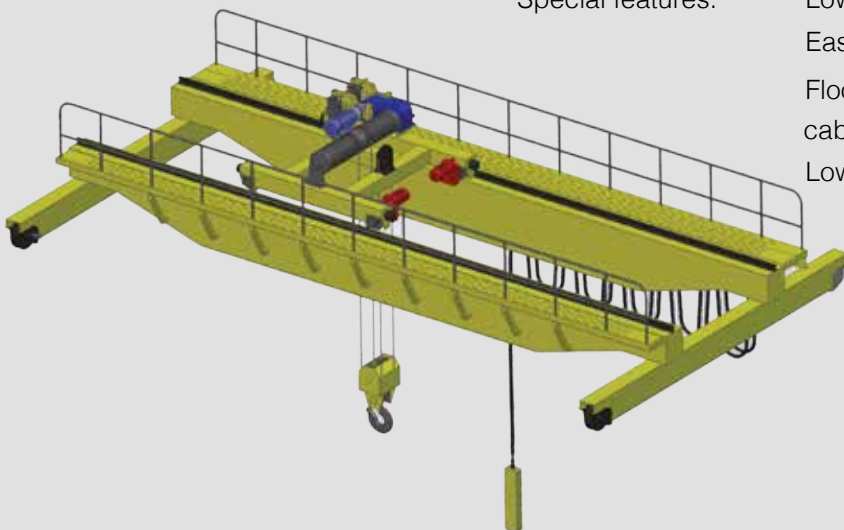
Double Girder EOT crane are designed with adequate safety factor, in accordance to duty classification as per IS-3177

Overhead cranes are classified in different type mainly single girder cranes or double girder cranes.

These types of overhead travelling cranes are used for heavier loads and longer spans.

### Specifications:

Capacity Range:	1 Ton to 100 Ton
Span:	As per Requirement
Height of lift:	As per requirement
Duty class:	Equivalent to M3 to M8 As per IS- 3177.
Feature Variants:	Double trolley With auxiliary hoisting
Motor:	Squirrel cage induction hoisting motors with built-in fail safe brakes for hoisting, cross travel as well as long travel. Insulation class for all motors B/F.
Power supply:	We are providing C rail festoon system / Drag chain for cross travel supply, Also using DSL System for Long Travel power supply. We are providing cable duct for Connections from panel to motors.
Special features:	Low cost Easy operative Floor operated through pendent push button/ RRC/ cabin operated Low maintenance



## Under Slung Crane

MG brand single girder and double girder under slung are an ideal solution, in places where supporting steel under the crane is not an option. It is best used for minimized loadings, as under slung bridge cranes are supported from the roof structure. Consequently most under slung cranes are single design, although we offer a double girder option.

We are recognized as the foremost manufacturer and supplier of premium quality industrial Under slung Crane that helps in handling heavy loads.



### Specifications:

Capacity Range:	1 Ton to 10 Ton
Span:	As per customer Requirement
Height of lift:	As per customer requirement

### Special features:

- Specially use for low headroom
- Available in single girder and double girder also
- High performance
- Low maintenance
- Cost effective.



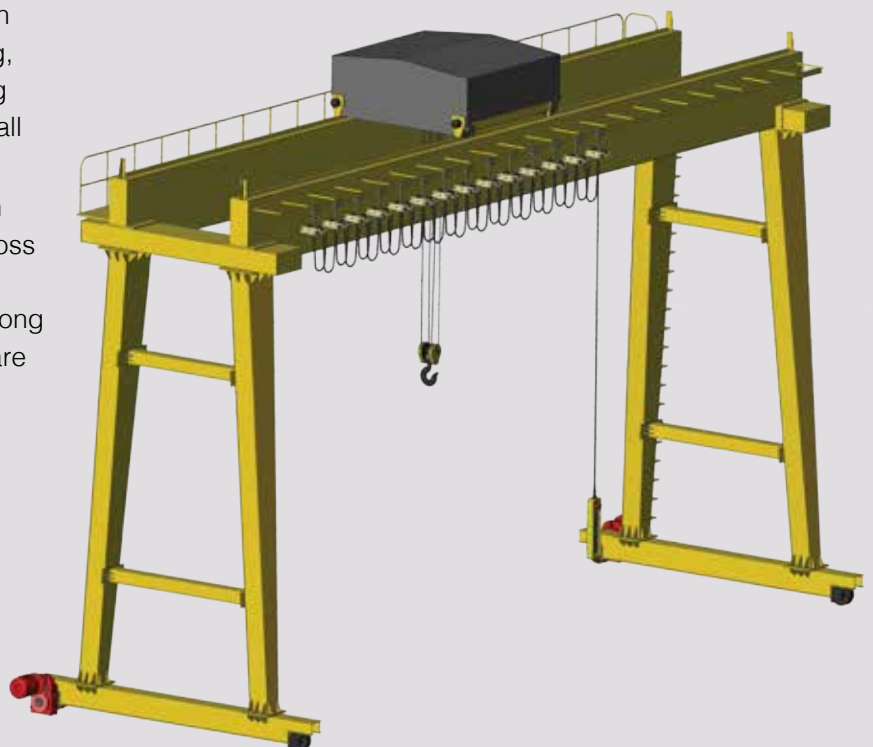
## Goliath crane

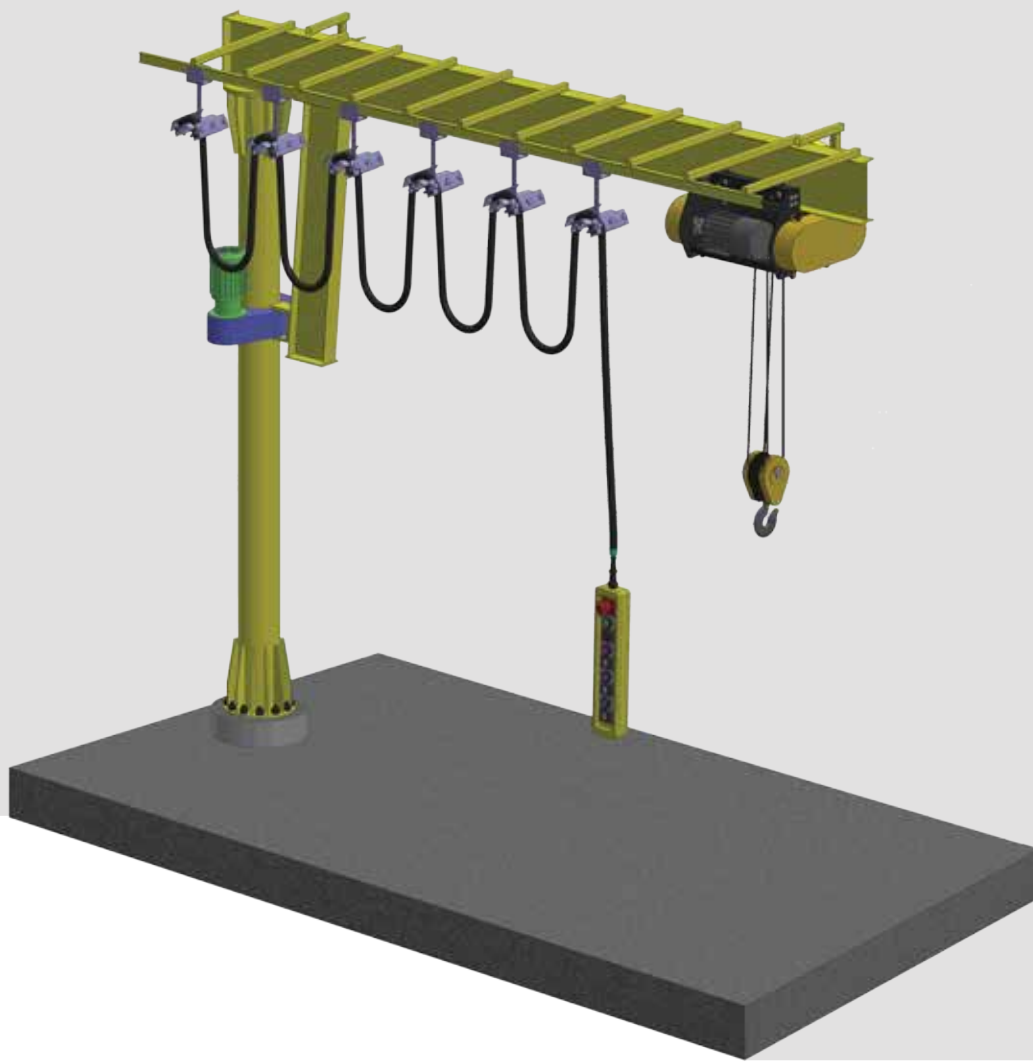
MG gantry crane or goliath cranes are similar to a top running crane except that the crane bridge is supported by legs and the rails are at ground level. The additional leg structure makes the crane more expensive. This is offset by the considerably cheaper low level rails That advantage



### Specifications:

- Capacity Range: 7.5 Ton to 30 Ton
- Span: As per customer Requirement
- Height of lift: As per customer requirement
- Duty class: Equivalent to M3 TO M8 As per IS- 3177.
- Motor: Squirrel cage induction hoisting motors with built-in fail safe brakes for hoisting, cross travel as well as long travel. Insulation class for all motors B/F.
- Power supply: we providing C rail festoon system / Drag chain for cross travel supply, Also using revolving cable drum for Long Travel power supply. We are providing cable duct for Connections from panel to motors.
- Special Features:
- Low maintenance
  - Suitable for outdoor use.
  - Heavy and light duty
  - Economical solution to bridge cranes





## JIB Crane

MG Manufacturers Industrial Jib Cranes are built to consistently high specification conforming as per IS-807 and IS-3177. It supports Overhead Cranes on production lines and keeps workstations, machining cells and warehouses in operation.

### Specifications:

Capacity Range: 1 Ton to 10 Ton

Span: As per customer Requirement

Height Of lift: As per customer requirement

Duty class: Equivalent to M3 TO M8 As per IS-3177.

Motor: Squirrel cage induction hoisting motors with built-in fail safe brakes for hoisting, cross travel as well as long travel. Insulation class for all motors B/F

Power supply: We providing C rail festoon system / Drag chain for cross travel supply, Also using DSL System for Long Travel power supply. We are providing cable duct for Connections from panel to motors.

Plates

M.S. Gusset Plates / Thick Base Plates give added rigidity to column.

Mast:

Fabricated from Pipe / Rolled Steel section.

JIB Arm:

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.

Swivelling:

Through chain at end of JIB Arm or Electric (if required)

Swivelling Boom: Available with 90°, 180° and 360°.

Hoist Speeds: As per customer requirement.

All other brought out components shall be as per the IS Standards & Application.

## Electric Wire Rope Hoist

Owing to our manufacturing facilities, we are able to offer a broad array of wire rope Hoist.

This hoist is easy to maintain as these are constructed in open type. MGTech wire rope hoist are designed in modular construction with greatly simplifiers, repairs and cuts down.

These electric hoists are used for material handling and are best for both medium and heavy duty operation We offer superior grade Electric Wire Rope Hoist with high quality raw materials. These are available in different models and sizes at the most affordable rates..

**Capacity:** 1T | 2T | 3T | 5T | 7T | 10T |

### Applications:

Application of this product are widely used in different industries such as power plant, construction site, factories, warehouse, heavy fabrication unit, marine , foundry and other industries.



S.W.L. Ton	Lift mts.	Speed MPM		Motor H.P.		No. of falls
		Hoisting	C.T.	Motor H.P. Hoisting	C.T.	
1	6	4	18	1.5	0.25	2
2	6	4	18	2/3	0.25	2 or 4
3	6	3.5	15	5	0.5	4
5	6	3.5	15	7.5	0.5	4
7.5	6	3	10	10	0.75	4
10	6	3	10	12.5	1	4

### Specifications:

Safe Working Load:	1 To 10 TON
Height of Lift:	As per customer specifications
Class of Duty / Standards:	Equivalent to IS 3938
Speeds:	Selected depending on client specifications / applications / shed dimensions
Crane Control:	Pendant Push Buttons / Radio Remote Control
Drive System:	Drive through Squirrel Cage Induction Geared Motors with built-in fail safe brakes
Motors:	Squirrel Cage Induction Hoisting Motors with built-in fail safe brakes for Hoisting. Insulation Class for all motors B/F
Brakes:	Built-in Brakes for Hoisting, Cross Travel Motions
Power Supply System:	To Hoist and Cross Travel through Trailing Cables

## ACCESSORIES:

### L BLOCK TYPE WHEEL

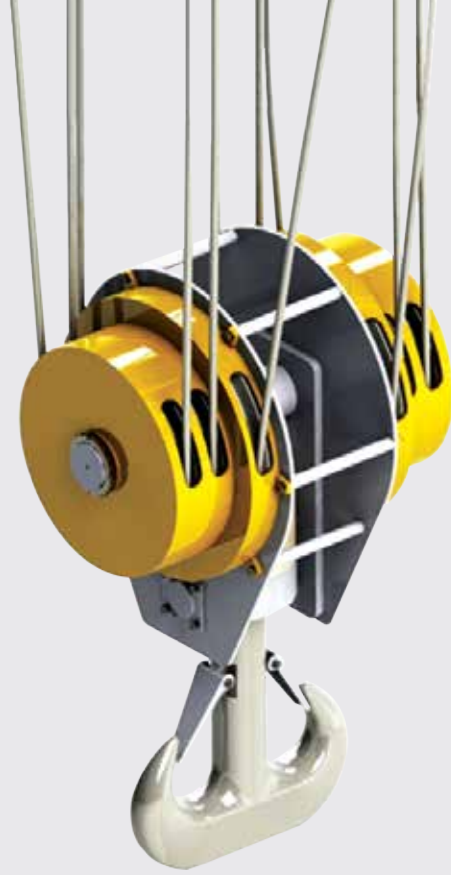
Being pioneers in the industry, we are engaged in offering huge collection of L Block Wheel Assembly.

Brand	MG Crane
Type	L Block
Material	EN8
Size/Dimension	AS PER IS
Max Load Capacity	As per customer requirement.
Usage/Application	CRANE
Diameter	160 to 520
Width Between Wheels	As per customer Requirement

### Bottom Block Assembly

Bottom block assembly consisting of drop forged steel hook mounted on thrust ball bearing, with large diameter sheave.

MG TECH supply Crane Bottom Block Assembly in various capacities ranging from 1 ton up to 100 ton suitable for EOT Cranes, Gantry Cranes, Electric Wire Rope Hoists, Overhead Cranes, Tower Cranes.



## We are also manufacturing HVLS Fans

### Why HVLS fan

- CAPEX saving up to 50% for a new ventilation project.
- OPEX saving up to 85% due to low operating cost.
- POWER CONSUMPTION Max 1.5KW / Each fan. Which is lower than a Toaster.
- NO NOISE compared to conventional high speed Fans.
- WARRANTY 2 years of manufacturing.
- Adopted by technology giants.



### Your HVLS Fan in 3 easy steps



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