

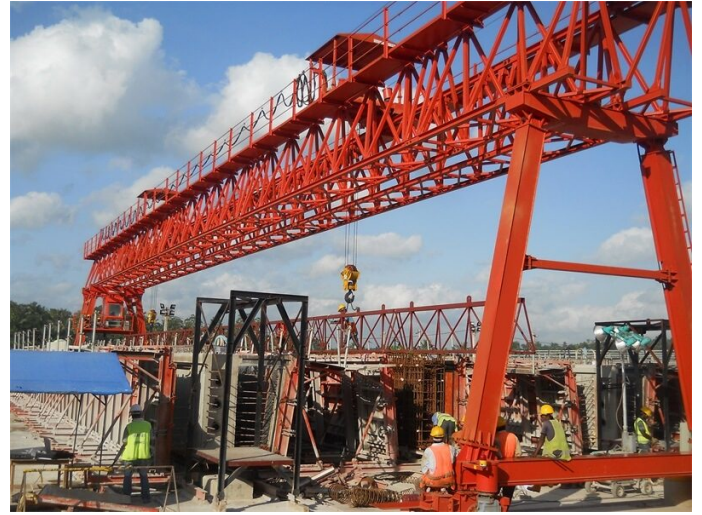


HUADA
BRIDGE ERECTION & ROAD MAINTENANCE



GANTRY CRANE

Gantry Crane



Huada Heavy Industry Gantry Crane, are designed for a comprehensive use in the fabrication industry including casting yard or fabrication yard and most of the case it is outdoor usage. Standard and special portal cranes are manufactured and supply by Huada Heavy Industry.

In many cases, material handling functions are performed in open areas. Long and cross travel motions are designed to be perform simultaneously for enabling the goods to reach their destination by the shortest possible route within the shortest time, thus improving handling efficiency.

Huada Heavy Industry Gantry Cranes are widely applied for:

Various Bridge Project (HSR, LRT, MRT, etc. projects)

(Handling of Steel Reinforcement Cage, lifting and storing of Precast Girders at Casting Yard, lifting and erection of Precast Bridge Segments, etc.)

Subway Tunnel

(Remove residue soil at the end of the tunnel, usually with quite big lifting height /depth)

Shipyard

(Ship hull block transferring, joint and turnover on the dock)

Port

(Cargo/Goods handling to barge/ship)

Manufacturing factory/workshop/storage yards

(Lifting & handling of heavy parts/goods)

Customized as per project and customer requirements

▣ Type Selection Requirements

450 ton Box Girder Gantry Crane



Item	Description	Specification	
1	Model	Rail Mounted	
2	Lifting Capacity	450t	
3	Tested Static load	1.1	
4	Work Grade	A3	
5	Lifting Spread	4 point hoisting 3 point balancing	
6	Hoisting Point	4	
7	Lifting Path	Design as per client specification	
8	Clear Span	Design as per client specification	
9	Travelling Speed	With Load	0~5m/min
		Without Load	0~10/min
10	Crane Trolley Travelling Speed	With Load	0~3m/min
		Without Load	0~6m/min
11	Hoisting Speed	With Load	0~0.5m/min
		Without Load	0~1m/min
12	Stability Safety Factor	Longitudinal ≥ 1.4	
13	Power	144kw	
14	Maximum Dimension for Delivery	12m \times 1.2m \times 2.85m	

450 ton Box Girder Gantry Crane are developed and designed for handling Full Span Precast Segments for High Speed Railway project in the casting yard.

HMQ Series Gantry Crane is design to deliver steady and low impact operation for every single movement from moving, lifting to unloading. This is an extremely important criterion when dealing with the bulky, expensive but sensitive Precast Full Span Bridge Girders.

Truss type Gantry Crane



Truss type Gantry Crane is extensively used in the fabrication Industry for handling loads from 5 to 150 tons. Our Gantry Crane is designed for outdoor usage. With the truss design it is relatively economical to be use whether during relocation, assembly or services. Also with the small area of contact it is suitable to be use in area with strong wind. We have supplied Truss type Gantry Crane for bridge construction, precast bridge casting yard and other special usage. Customized design is always an option for the client. With our strong design and technical team and fabrication team, it is easy to have a customized order delivered within the shortest duration.



Hoisting Capability	T	5-20	30-150
Span	M	6-40	
Lift Path	M	≤30	
Hoisting Speed	m/min	8	<1
Travelling Speed	m/min	0-20	5-10
Crane Trolley Travelling Speed	m/min	20	≤5
Designed Slope		3%	

Gantry Crane Project

60+60 Ton Double Girder Gantry Cranes

Carrying/Lifting capacity: 60+60
Ton

Gauge/span: 24 M

Lifting height: 10 M

Total weight of the equipment: 137
Ton

Working duty: M5



Double Girder Truss Gantry Crane 60Ton



Equipment supplied: 2 sets 60 Ton
Double Truss gantry crane

Export Country: Bangladesh

Main specification: Capacity:60ton
Span:36m Lifting height:10m

Year: May,2016

Huada Heavy Industry currently is supplying crane with the capacity up to 450 ton. With our experienced in house design and technical team we are anxious to get a new order on supplying special design crane over that current limit.

We providing our customers with the expertise acquired through many years of experience in the areas of installation, load testing, commissioning and after sales support.



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