



**Henan Tosta Machinery Co., Ltd.**

## Gantry Crane

### Single Girder Gantry Crane

The [single girder gantry crane](#) has the features of simple structure, easy installation, light weight, good wind resistance. The main girder is mostly bias rail box type structure, it is widely used in openwork sites, workshops, warehouses, materials stockyards, to load, unload and transport goods or materials. Zhonggong [cranes factory](#) can provide you various cranes with satisfied service.



### Single girder gantry crane overview

Zhonggong, as a single girder eot crane manufacturer, provide standard and customized models all over the world. Each of our single-beam cranes is customized, and its size and capacity can be adjusted according to requirements.

The general load of less than 10 tons generally uses the single-beam crane design, and the crane exceeding this weight usually adopts the double-beam design. Our girder gantry crane's design and manufacturing technology is unparalleled, not only to provide a high-quality lifting solution tailored to your workplace, but also to ensure reliability, long service life and excellent safety performance.

## Advantages of Single Girder Gantry Crane

- Simple structure, easy to install and maintain;
- Widely used in lifting places such as factories, warehouses, stockyards, etc., with a wide range of applications;
- Strong carrying capacity;
- Low working noise;
- Safe and reliable operation;
- Low maintenance cost and long service life.

## Specification of Single Girder Gantry Crane

Load capacity	Up to 125t
Track gauge	Up to 31.5m
Power supply	220~440V,50/60Hz,3 phase
Working duty	A4~A7
Lifting height	Customized

## Applications of single girder crane

Single girder crane is a lifting equipment for lifting materials across the workshop, warehouse and material yard. Because its two ends are located on tall cement columns or metal supports, it is shaped like a bridge. The bridge of the single-beam bridge crane runs longitudinally along the track laid on the viaducts on both sides, which can make full use of the space under the bridge to transport materials without being hindered by ground equipment. Single girder gantry crane is the most widely used and the largest number of lifting appliances.

Single girder is an important tool and equipment to realize the mechanization and automation of production process in modern industrial production and hoisting transportation. Single-beam cranes are a kind of bridge cranes, which are common in production, engineering and many other workplaces, because they can meet almost any lifting application. Therefore, single-beam bridge crane is widely used in indoor and outdoor industrial and mining enterprises, iron and steel chemical industry, railway transportation, port terminals, logistics turnover and other departments and places.