

RMG & RTG



Rail Mounted Container Gantry Crane(RMG)

Rail Mounted Container Gantry Crane(RMG) are specialized yard container handling machines. An RMG travels on rails to lift and stack 20, 40 and other is containers in the yard area of the container terminal. The container is lifted by a spreader attached to cables. Rail mounted cranes come in a variety of models with different spans and overhangs.

A Container Crane (also Container Handling Gantry Crane) is a type of large dockside gantry crane found at container terminals for loading and unloading inter modal containers from container ship.



Rail Mounted Container Gantry Crane(RMG) are specifically designed for intensive container stacking due to its automation and less need for human handling. Compared to the crane (RTG), the Rail Mounted Container Gantry Crane(RMG) has the advantages of being driven by electrical power, cleaner, bigger lifting capacity, and higher gantry traveling speed with cargo.



RMG Features

1. High efficiency, make full use of yard, high automatic.
2. Few fault, lower energy consumption, low cost.
3. Wide span, can step astride 14 or more containers.
4. Can stow 5 to 6 floors containers.
5. Make full use of yard, so that it can store more containers.
6. Simple structure, easy maintenance, reliable operating.
7. Electric drive, save energy.
8. Crane travels along the rail, not flexible, working range is limited.
9. Applied to stacking area and greater throughput of container port.



Rubber Tyre Container Gantry Crane (RTG)

Rubber Tyre Container Gantry Crane applies to international standard container transporting, loading and unloading at the container yard and railway container depots, with stable performance, high efficiency and ease maintenance having proper safety instructions and overload protection devices to maximize ensure the safety of operational personnel and equipment. Electrical system uses PLC frequency adjustment which can easily control every mechanism.



This kind of crane is divided into tire type and track type. The tire type has good mobility and small sensitivity on the surface roughness. This kind of crane using diesel generators for power supply can work under low temperature with its oil and hydraulic system has heating device.



RTG Features

1. RTG Crane, Rubber Tyre Container Gantry Crane is dedicated machinery, container yard stacking operations are widely used in ports and container freight yard.
2. Using a dedicated container spreader which can lift 20 feet, 40 feet, 45 feet standard containers and hydraulic storage tanks.
3. Crane and trolley traveling mechanism adopt the three-in-one reducer, easy for maintenance.
4. Tires can achieve 90° turn, change field operations, and with the function of oblique 20° and 45°.



Address: Xinxiang, Henan, China

Office Phone: 0086-373-5089978

Web: <http://www.huadacrane.com>

Skype, WhatsApp: +86 156 0382 1978

Email: solution@huadacrane.com