



STRADDLE CARRIER

Straddle Carrier

Straddle Carriers are basically lifting cranes mounted on tyres often used to replace gantry cranes for lifting and handling heavy loads in casting yards, factories, storage areas, ports.

Straddles pick and carry load while straddling their load and connecting to the top lifting points via a spreader.

These machines have the ability to stack segments and beams onto each other and shall be custom made according to contractor's requirements.

Main Features

1. Compared to normal gantry cranes which move on fixed rails, the Straddle Carrier has the flexibility to lift and steer heavy loads in any direction on motorized wheels.
2. These Straddle Carriers' lifting capacities normally range from 5t to 900t.
3. Each machine is custom-designed and fabricated under tight supervision to meet the client's requirements.
4. Huada Heavy Industry Straddle Carriers are equipped with reliable system consisted of hydraulic powered winches or electric winches, motors, hydraulic powered rubber wheel, generator and centralize PLC programmable control system.
5. This machine comes complete with emergency features and multiple breaking systems for safe operation when handling heavy loads.



Straddle Carriers are widely applied for:

Various Bridge Project

HSR, LRT, MRT, etc. projects

Handling of Rebar Cages, lifting and storing of Precast Girders at Casting Yard; lifting and erection of Precast Bridge Segments, etc.



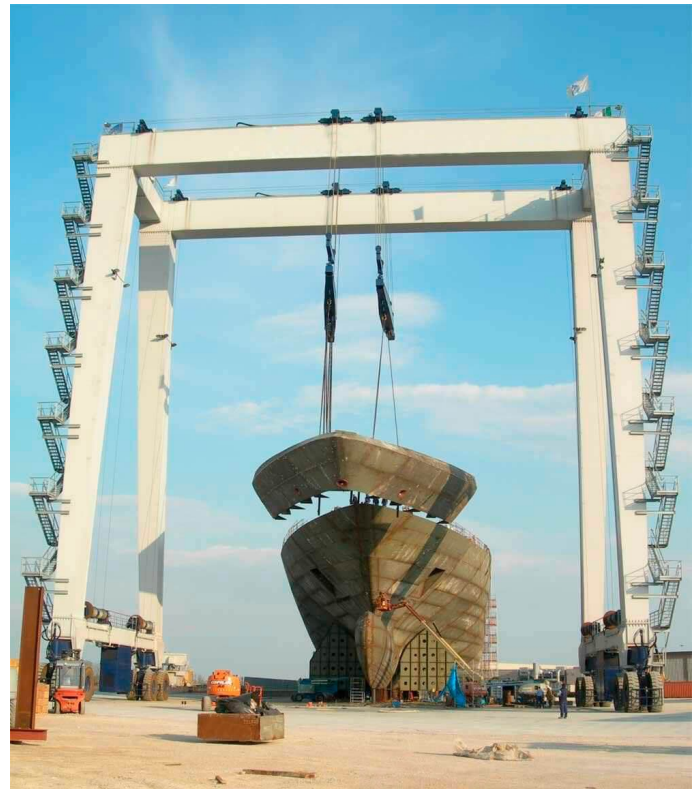
Subway Tunnel



Remove residue soil at Taphole, usually with quite big lifting height /depth

Port

Cargo/Goods handling to barge/ship



Shipyard



Ship hull block transferring, joint and turnover on the dock



factory/workshop/storage yards

Lifting & handling of heavy parts/goods



Straddle Carrier Project

160 Ton 40 M Straddle Carriers

Capacity: 160 Ton

Span: 40 M

Lifting Height: 9 M

Year: 2016

The technology is commonly used on precast factories to move segment and PC girders.

Two sets of 160 Ton 40 M Straddle Carriers are delivered for the CSCEC LRT Project. This 160 Ton 40 M Straddle Carrier is used for U-type girder lifting and site erection for Light Rail with girder length 40 meters. Mainly composed of main girder, box type structure leg, traveling mechanism, support mechanism, trolley, driving wheel group, driven wheel group and steering mechanism etc.

We select high-quality supporting parts, technical engineer make the accurate data design to provide a more adaptive solution, and front-line workers together the spirit of excellent to make detail to be better, which all of these receive a good praise from the customer.



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