

Technical Description **Straddle Carrier**



Shenghua Heavy Crane Group

Straddle Carrier

Straddle Carriers are basically lifting cranes mounted on tyres, they are equipped with reliable systems of hydraulic equipment, winches, ropes, and electric and hydraulic motors. These highly mechanised machines come complete with emergency features and safety switches to ensure safe use while handling heavy loads.



Product Overview

Shenghua Heavy Crane Group
Straddle Carriers can drive in any direction, and are able to turn the axles through 90 degrees whilst fully loaded for a 90 degree on the spot direction change. Multiple straddle carriers can be used together to handle long loads, with central control. The axles of the straddle carrier are hydraulically linked for even loading and are articulated to cope with uneven ground without generating additional loads in the tyres.



Applied For

Straddle Carrier offers a solution for the handling of bulky loads in open, enclosed and confined areas. Shenghua Heavy Crane Group Straddle Carriers are widely applied for:



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

lifting and transporting of precast girders at casting yard; lifting and erection of precast bridge segments, etc.

2. Subway Tunnel

remove residue soil at taphole, usually with quit big lifting height /deep



3. Shipyard

ship hull block transferring, joint and turnover on the dock

4. Port

goods handling to ship



5. Manufacturing Factory/Workshop
(lifting & handling of heavy parts)

Straddle Carrier Projects

300T Double Girder Straddle Carrier

This 300T Double Girder straddle carrier we provide for CRCC 3th BUREAU GROUP CO., LTD is used in the U beam precast yard, for the Section 6102# No 6# Metro of Shenzhen project, in the year 2016.



160T 38M Straddle Carrier

This 160Ton 38M Straddle Carrier used in T beam precast situ for Tianjin Belt Expressway Project.

Characteristics:

Span : 38m

Lifting height: 12m

Winch lifting capacity: 160tons

Max steering angle : -45~45°



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