**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.
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 quite 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)
**Straddled Carrier Projects**

**300T Double Girder Straddled Carrier**

This 300T Double Girder straddled 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.

![300T Double Girder Straddled Carrier](image)

**160T 38M Straddled Carrier**

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

**Characteristics:**

- Span: 38m
- Winch lifting capacity: 160tons
- Lifting height: 12m
- Max steering angle: -45° ~ 45°