

跨运车（柴油版）

Straddle Carrier (Diesel Version)



“跨运”一词源于其独特的设计理念——“跨骑式搬运”，跨运车具有一个门形车架，其特点是车架能够跨骑在集装箱上方，车架上安装有专业的集装箱吊具，通过液压系统的控制，能够精准地抓取、提升、放下集装箱等货物。

自20世纪60年代初登历史舞台以来，跨运车便以其卓越的灵活性和强大的承载能力，成为了现代港口与物流园区中不可替代的运输工具。随着新能源的兴起，跨运车也逐渐成为储能箱的首选搬运工具。

The term "straddle carrier" comes from its unique design concept – "straddle-style handling". The straddle carrier has a portal frame, which is characterized by the frame being able to straddle the top of the container. Professional container spreaders are installed on the frame, which can accurately grab, lift and put down containers and other goods through the control of the hydraulic system.

Since its debut in the 1960s, straddle carriers have become an irreplaceable means of transportation in modern ports and logistics parks with their excellent flexibility and strong carrying capacity. With the rise of new energy, straddle carriers have gradually become the preferred means of transporting energy storage boxes.

产品特点：Features

- 1.FEM设计标准：设计阶段进行有限元分析，确保设计安全和结构应力安全
- 2.核心部件进口品牌：故障率低，使用寿命长
- 3.世界先进控制系统：先进的编程技术，提高了起重机行驶和运行的可靠性
- 4.行驶灵活：具有多种转向模式，可通过遥控器或驾驶室简单操作
- 5.节省空间：转向半径小，可以节省设备所需的工作空间
- 6.节约成本：无需构建轨道，且无需铺装混凝土路面，在压实的路面即可平稳行驶

1. FEM design standard: Finite element analysis is performed during the design phase to ensure design safety and structural stress safety
2. Imported brand of core components: low failure rate and long service life
3. World-leading control system: advanced programming technology improves the reliability of crane travel and operation
4. Flexible driving: with multiple steering modes, it can be easily operated by remote control or cab
5. Save space: The small turning radius can save the working space required for the equipment
6. Cost saving: No need to build tracks or pave concrete roads, the vehicle can run smoothly on compacted roads



跨运车（柴油版）参数表

Straddle Carrier (Diesel Version) Parameters

基本参数Basic Parameters			
型号 Model	MST3531	MST6037	MST8037
起重量Capacity	35t	60t	80t
长 × 宽 × 高Length× Width× Height	9200×5100×5500mm 7110×5100×6100mm	9250×5700×6350mm	12500×6000×6350mm
有效内宽 Effective inner width	3100mm	3750mm	3750mm
轮距wheel base	6010mm	6600mm	7400mm
二级举升高度Duplex Lifting Height	无N/A 1550mm	1750mm	1750mm
最大升高(吊具下)Max.Lifting Height(Below spreader)	4600mm 6150mm	6300mm	6300mm
最小离地间隙Min.GroundClearance	230mm	310mm	310mm
轮胎数量Tire Qty	4	4	8
整机重量(不含吊具) Deadweight(not contain spreader)	19T 21T	35T	45T
潍柴发动机-国三Weichai Engine –China Stage III	103KW	129KW	176KW
闭式行走泵Closed Travel Pump	海特克Hytek/丹佛斯Danfoss/ 普曼普PMP		
空载最高速度Empty – load max.speed	115m/min	80m/min	80m/min
满载最高速度Full –load max.speed	80m/min	50m/min	50m/min
转弯半径Turning Radius	6950mm	8900mm	13000mm
空载/ 满载爬坡能力No–load/full –load Gradeability	6%/3%		
操控形式Control mode	驾驶室Cab(可选配遥控remote control optional)		
轮胎Tires	实心轮胎solid tire		
起吊工具Lifting Tools	链条+锁头Chain+Lock 自动吊具Automatic Spreader	大件吊具Oversized Load Spreader	
备注：发动机可选装国IV, 配件品牌可选 Remarks：The engine can be optionally equipped with National IV, and optional accessory brand			