

产品介绍

PRODUCT INTRODUCTION



KNCRANES

轮胎式起重机 Rubber tyred crane

跨运车（柴油版）
Straddle carrier (diesel version)

跨运车（电动版）
Straddle carrier (electric version)

轮胎吊（单梁）
Tire crane (single beam)

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Tire crane (double beam)

游艇吊
Yacht crane

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。



跨运车（柴油版）参数表

Straddle Carrier (Diesel Version) Parameters

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

基本参数Basic Parameters			
型号Model	KNST3531	KNST6037	KNST8037
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. Ground Clearance	230mm	310mm	310mm
轮胎数量Tire Qty	4	4	8
整机重量(不含吊具)Deadweight(not contain spreader)	19TI 21T	35T	45T
潍柴发动机-国三Weichai Engine-China StageII	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FullHoad max. speed	80m/min	50m/min	50m/min
转弯半径Tuming 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+LockI自动吊具em	大件吊具Oversized Load Spreader	
备注：发动机可选装国IV, 配件品牌可选Remarks:Theengine can be optionally equippedwith National IV,and optional accessory brand			

跨运车（电动版）

Straddle Carrier (Electric Version)



跨运车（电动版）参数表

Straddle Carrier (Electric Version) Parameter Table

产品特点：Features

1. 零排放：使用电池作为动力源，实现了作业过程中的零排放。

2. 低噪音：运行时噪音更小，减少了对人员听觉的污染。

3. 使用成本低：电力成本低于燃油，电动版使用成本更低。

4. 维护要求低：电池和电机维护简单，可以减少停机时间，进一步提高经济效益。

5. 振动小：在运行过程中振动小，为操作人员提供了更加舒适的工作环境。

6. 无柴油异味：没有刺鼻的燃油味，改善了操作人员的工作环境。
- 1.Zero emission:Using batteries as the power source,zero emission is achieved during the operation process.

2.Low noise:The noise is lower during operation,reducing the pollution to people's hearing.

3.Low cost of use:The cost of electricity is lower than that of fuel,and the cost of using the electric version is even lower.

4.Low maintenance requirements:The battery and motor are simple to maintain,which can reduce downtime and further improve economic benefits.

5.Low vibration:Low vibration during operation,providing a more comfortable working environment for operators.

6.No diesel odor:No pungent fuel smell,improving the working environment of operators

基本参数Basic Parameters			
型号Model	KNST3531EV	KNST6037EV	KNST8037EV
起重量capacity	35t	60t	80t
长×宽×高Length ×Width ×Height	7110×5100×6100mm	9250×5700×6350mm	1250×6000×6350mm
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	1550mm	1750mm	1750mm
最大升高(吊具下)Max. Lifting Height (Below spreader)	6150mm	6300mm	6300mm
最小离地间隙Min. Ground Clearance	230mm	310mm	310mm
轮胎数量Tire Qty	4	4	8
整机重量(不含吊具)Dead weight (not containspreader)	21T	35T	45T
永磁同步电机Permanent Magnet Synchronous Motor	85KW	105KW	125KW
锂电池Lithium Battery	磷酸铁锂Lithium Iron Phosphate		
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-oad 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Empty -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	自动吊具Automatic Spreader	大件吊具Oversized Load Spreader	

注：配件品牌可选remarks:Optional accessory brands

轮胎吊（单梁）

Tire crane (single beam)

轮胎吊，又称轮胎式起重机。它摆脱了传统起重机对轨道的依赖，采用特制的大型轮胎作为支撑，可以适应各种地形，可实现360°的全回转，即使在非常狭小的空间也可以穿梭自如，展现出了超强的机动性和适应性。另外，相对于履带，轮胎对地面的损伤几乎可以忽略不计。广泛应用于建筑工地、港口、货场、工厂等领域。

Rubber tyred crane,gets rid of the dependence of tracks like traditional ones.It uses specially made large tires as support,can adapt to various terrains and achieve 360°full rotation which can shuttle freely even in very narrow spaces,showing super mobility and adaptability.In addition,compared with crawler tracks,the damage caused by tires to the ground is almost negligible.It is widely used in construction sites,ports,cargo yards,factories and other fields.



产品应用领域

Product application areas



轮胎吊（单梁）参数表

Tire crane (single beam) parameter table

基本参数Basic Parameters			
型号Model	KNCS-5	KNCS-10	KNCS-20
起重量capacity	5t	10t	20t
有效内宽Effective inner width (可定制customizable)	3100mm	3000-6000mm	3000-6000mm
起升高度Liting Height (可定制customizable)	3000mm	2000-5000mm	2000-5000mm
最小离地间隙Min. GroundClearance	300mm	300mm	300mm
动力形式Power mode	柴油发动机diesel engine/电缆cable/锂电池lithium battery		
行走装置Walking device	液压hydraulic /电机motor		
转向形式steering mode	斜行/直行/原地转向/阿克曼转向Diagonal Running/Straight Runing/Pivot Steeing/Ackermann Steering		
空载最高速度 Empty-load max. speed	115m/min	115m/min	115m/min
满载最高速度 full-load max. speed	80m/min	80m/min	80m/min
空载/满载爬坡能力 Empty-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	吊钩Hook(可选配自动吊具optional automatic spreader)		
	注：配件品牌可选 remarks:Optional accessory brands		

基本参数Basic Parameters			
KNCS-30	KNCS-40	KNCS-55	KNCS-100
30t	40t	55t	100t
3000mm-6000mm	3000-8000mm	3000-8000mm	3000-12000mm
2000-5000mm	3000-8000mm	3000-8000mm	3000-9000mm
300mm	300mm	300mm	300mm
柴油发动机diesel engine/电缆cable/锂电池lithium battery			
液压hydraulic/电机motor			
斜行/直行/原地转向/阿克曼转向Diagonal Runing /Straight Runing/Pivot Steeing/Ackermann Steering			
115m/min	115m/min	80m/min	80m/min
80m/min	80m/min	50m/min	50m/min
6%/3%			
驾驶室Cab（可选配遥控 remote control optional ）			
实 心 轮 胎 s o l i d t i r e			
吊 钩 H o o k （ 可 选 配 自 动 吊 具 o p t i o n a l a u t o m a t i c s p r e a d e r ）			

轮胎吊（双梁）

Tire Crane (Double Beam)

产品应用领域

Product application areas



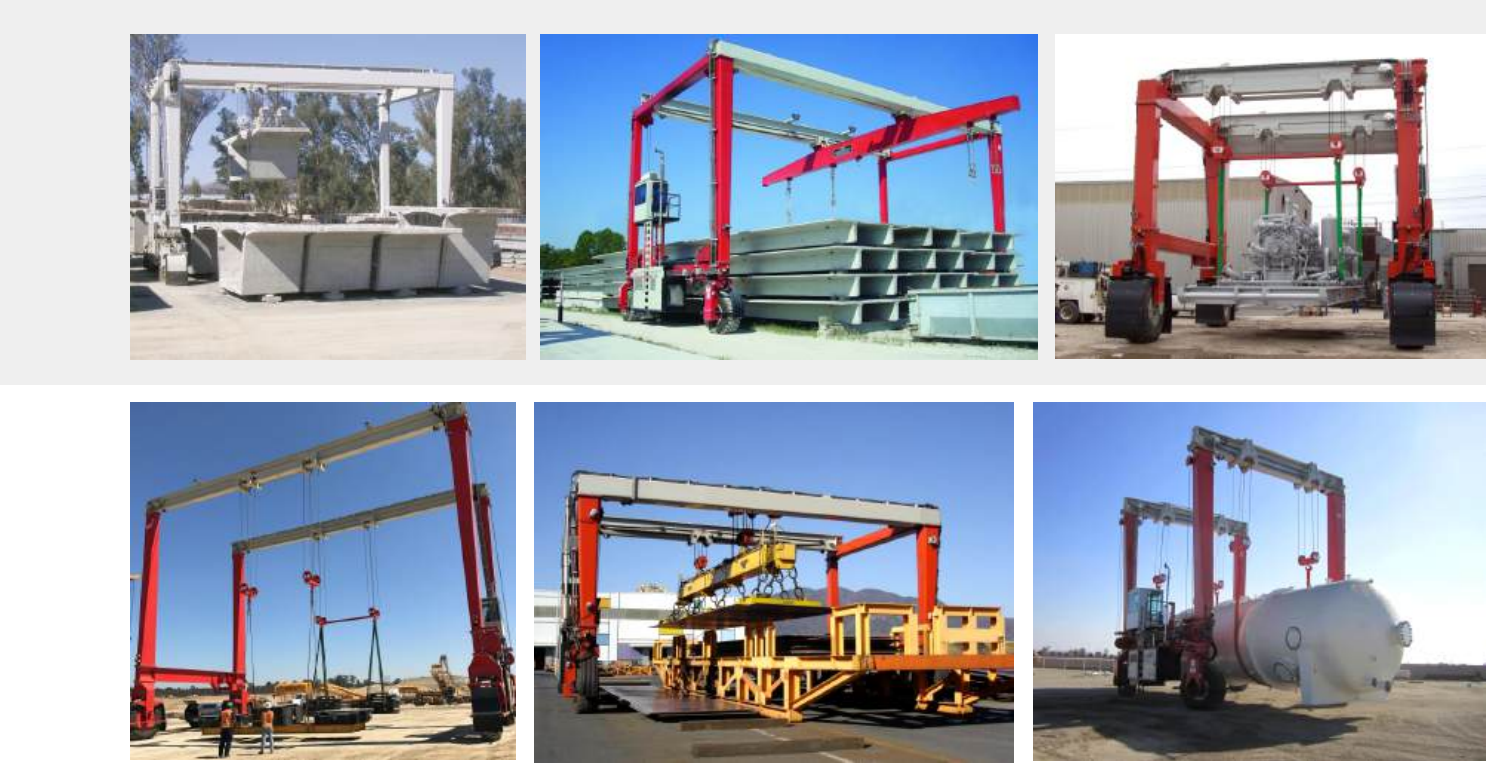
轮胎吊有柴油版和电动版两个版本，电动版符合环保要求，且使用成本更低，柴油版则适用于电力受限的场合。

There are two versions of tire cranes:diesel and electri.The electric version meets environmental protection requirements and has lower operating costs,while the diesel version is suitable for occasions where electricity is limited.

轮胎吊（双梁）参数表

Tire crane (double beam) parameter table

基本参数Basic Parameters				
型号Model	KNCD20	KNCD30	KNCD40	KNCD55
起重量capacity	20t	30t	40t	55t
有效内宽Effective inner width (可定制customizable)	3000-6000mmmm	3000mm-6000mmmm	3000-8000mm	3000-8000mm
起升高度Lifting Height (可定制customizable)	2000-5000mm	2000-5000mm	3000-8000mm	3000-8000mm
最小离地间隙Min. GroundClearance	300mm	300mm	300mm	300mm
动力形式Power mode	柴油发动机diesel engine/电缆cable/锂电池lithium battery			
行走装置Walking device	液压hydraulic /电机motor			
转向形式steering mode	斜行/直行/原地转向/阿克曼转向Diagonal Running/Straight Runing/Pivot Steing/Ackermann Steeing			
空载最高速度 Empty-load max. speed	115m/min	115m/min	115m/min	80m/min
满载最高速度 full-load max. speed	80m/min	80m/min	80m/min	50m/min
空载/满载爬坡能力 Empty-load/full-load Gradeabity	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Lifing Tools	吊钩Hook(可选配自动吊具optional automatic spreader)			
	注：配件品牌可选remarks:Optional accessory brands			



基本参数Basic Parameters				
KNCD100	KNCD150	KNCD200	KNCD300	KNCD400
100t	150t	200t	300t	400t
3000-12000mm	3000-18000mm	3000-18000mm	5000-20000mm	5000-25000mm
3000-9000mm	3000-15000mm	3000-15000mm	5000-20000mm	5000-20000mm
300mm	300mm	300mm	300mm	300mm
柴油发动机diesel engine/电缆cable/锂电池lithium battery				
液压hydraulic /电机motor				
斜行/直行/原地转向/阿克曼转向Diagonal Running /Straght Runing/Pivot Steeing /Ackermann Stering				
80m/min	30m/min	30m/min	30m/min	30m/min
50m/min	20m/min	20m/min	20m/min	20m/min
6%/3%	2%			
驾驶室Cab （可选配遥控 remote control optiona ）				
实心轮胎 solid tire				
吊 钩Hook （可选配自动吊具 optional automatic spreader）				

游艇吊

Yacht crane

游艇吊，是一款专为游艇设计的吊装设备，其肩负着游艇的起吊、转移、安置等重任。它不仅是游艇生命周期中不可或缺的“搬运工”，更是保障游艇安全、提升码头运营效率的关键工具。游艇吊上配备的安全控制系统，以及周密的防护措施，可以确保操作人员的安全，以及游艇在吊装期间的完好无损。



Yacht crane is a kind of lifting equipment specially designed for yachts.It shoulders the heavy tasks of lifting, transferring and placing yachts.It is not only an indispensable "porter" in the life cycle of yachts,but also a key tool to ensure the safety of yachts and improve the efficiency of dock operations.The safety control system and careful protective measures equipped on the yacht crane can ensure the safety of operators and the integrity of the yacht during lifting.

游艇吊 参数表

Yacht crane parameter table

基本参数Basic Parameters			
型号Model	KNYC150	KNYC600	KNYC1200
起重量capacity	150t	600t	1200t
长×宽×高Length×Width×Height	20000×16000×14000mm	27000×16200×17000mm	36700×21000×20000mm
有效内宽Effective inner width	11000mm	11000mm	15000mm
轮距wheel base	15000mm	3600/16000mm	3600/22000mm
潍柴发动机-国三weichai Engine-China StageII	2×129KW	2×198KW	2×290KW
闭式行走泵Closed Travel Pump	林德Linde/丹佛斯Danfoss		
空载最高速度Empty-load max. speed	30m/min		
满载最高速度full-load max. speed	20m/min		
轮胎数量Tire Qty	8	16	32
转向形式steering mode	斜行/直行/原地转向/阿克曼转向Diagonal Running/Straight Runing/Pivot Steeing/Ackermann Steering		
空载/满载爬坡能力Empty-load/full-Hoad Gradeability	2%		
操控形式Control mode	遥控remote control		
轮胎Tires	实心轮胎solid tire		
空载最高速度Empty -load max. speed	3m/min	2m/min	3m/min
满载最高速度full -load max. speed	1m/min	1m/min	0.8m/min
备注：发动机可选装国IV，配件品牌可选Remarks:Theengine can be optionally equippedwith National IV,and optional accessory brands			



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YouTube

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