



TRANSFER CART

Xinxiang Hundred Percent Electrical And
Mechanical Co.,Ltd.

ATTENTIVELY MANUFACTURING
KEEPING ON INNOVATING
AND ELABORATELY SERVING TO MAKE OUR
CUSTOMERS SATISFIED

**PRODUCT
BROCHURE**

Xinxiang Hundred Percent

Electrical And Mechanical Co.,Ltd.

Phone/Wechat/WhatsApp: 86-15560181018

Website: <https://www.bfbtransfercar.com>

Address: No. 55 Government Avenue, YulinTown,
Yanjin County, Xinxiang City, Henan Province, China



HIGH QUALITY IS THE ONLY MEASURE COMPANY INTRODUCTION

Xinxiang Hundred Percent Electrical And Mechanical Co., Ltd.(BEFANBY) is a professional international handling equipment company integrating R&D, design, production and sales. It has a modern management team, technical team and production technician team.

The company was established in September 2003 and is located in Xinxiang City, Henan Province. BEFANBY can not only provide transfer cart quotations, but also provide you with satisfactory handling solutions.

BEFANBY has an annual production capacity of more than 1,500 sets material handling equipment, which can carry 1-1,500 tons of workpieces. With more than 20 years of experience in the design of electric transfer carts, it already has the unique advantages and mature technology of designing and producing heavy-duty AGV and RGV. The main products include AGV (heavy duty), RGV, KPD low-voltage rail type, KPX battery type, KPT towing cable type, KPJ cable reel type, KPC sliding line type, BWP trackless type, KP unpowered type, BZP turntable, BWT flatbed trailer and other eleven series. Including conveying, turning, coil, ladle, painting room, sandblasting room, ferry, hydraulic lifting, traction, explosion-proof and high temperature resistant, monorail, generator power, railway maintenance cart, railway and road tractor, locomotive turntable and other hundreds of handling equipment and a variety of transfer cart accessories. Among them, the explosion-proof battery electric transfer cart has obtained the national explosion-proof product certification.



**EXPORTED TO AMERICA
INDIA
UAE
SAUDI ARABIA
RUSSIA
MALAYSIA
AUSTRALIA AND OTHER MORE THAN
90 COUNTRIES
RECEIVED HIGH PRAISE**

Regarding the safety devices of transfer carts, the transfer carts are equipped with emergency stop, sound and light alarm, sensor stop, bumpers, etc., and the operating voltage is $\leq 36V$, which largely ensure the safety and reliability of the cart during running and operation. The above safety devices can be selected as demands.

The products comply with JB/T6127-10 machinery industry standards. The products have the advantages of strong bearing capacity, beautiful appearance, green and safe, accurate positioning, high performance of automation, simple operation, smooth turning and driving, strong climbing ability, long running distance, low noise, easy maintenance, remote operation, etc., It is widely used in aerospace, new energy, intelligent manufacturing, metallurgy, coal, shipbuilding, heavy industry, light industry, ports, railways and other industries and fields.

150+ EMPLOYEES

8+ ENGINEERS

20+ TECHNICIANS



QUALITY IS THE FIRST STEP

We passed ISO9001 Quality management system requirement and won the honor of "National famous brand", "Quality Products of Henan province", "Quality and Credit Enterprise Consumer Trusted", "The Contract Trustworthy Enterprise", "Quality and Integrity Member of Grade AAA".



SENIOR ENGINEER DESIGN DRAWINGS

Every design drawing is repeatedly considered and refined by the designer. According to the actual requirements of the customer's scene, the designer communicates with the customer to modify it to confirm the final customized plan, so that each customer can visually see the process from design to finished products and the parts used.



MULTIPLE PROCESS MONITORING SAFETY

In order to ensure the quality of the products, each product will be monitored by electrical debugging, running test, functional test, quality audit and other steps, only for customers to produce products with long service life and high cost performance.

ENTERPRISE CULTURE

BEFANBY Mission

To carry entrustment and live up to trust.

BEFANBY Philosophy

Unity, struggle, co-creation, win-win.

BEFANBY Vision

30 years of deep cultivation of handling equipment, serving 300,000 customers around the world.

BEFANBY Core Values

- (1) Take the initiative to usher in opportunities, and passively wait for challenges. Consider everything one step more.
- (2) Responsibility is Limited, sense of responsibility is unlimited.
- (3) Loyalty, humility, self-respect, thrift, liveliness.
- (4) Carefully manufactured high-quality products, 100% excellent service.
- (5) The demands of customers are the direction of our efforts.

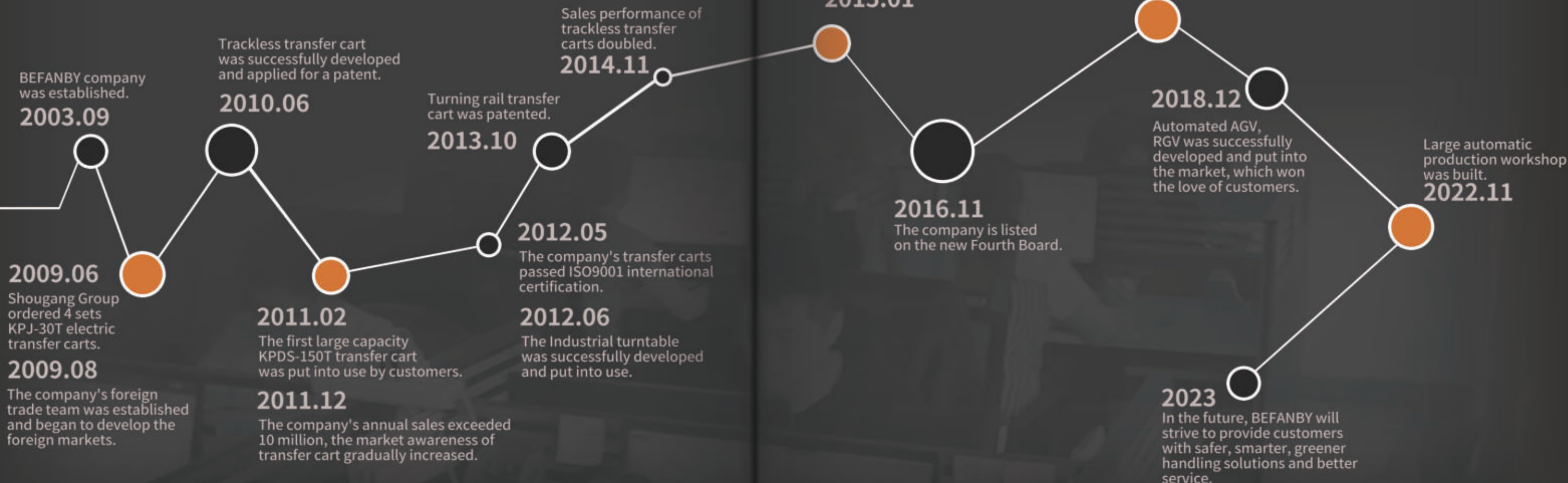


QUALITY IS THE ONLY PURSUIT
ENTERPRISE HONOR

According to your needs,
we will provide you with more
humanized services
and higher quality products,
so that you can
enjoy the best cost
performance.



DON'T FORGET THE BEGINNING OF THE HEART ALTHOUGH WIND AND RAIN
DEVELOPMENT HISTORY

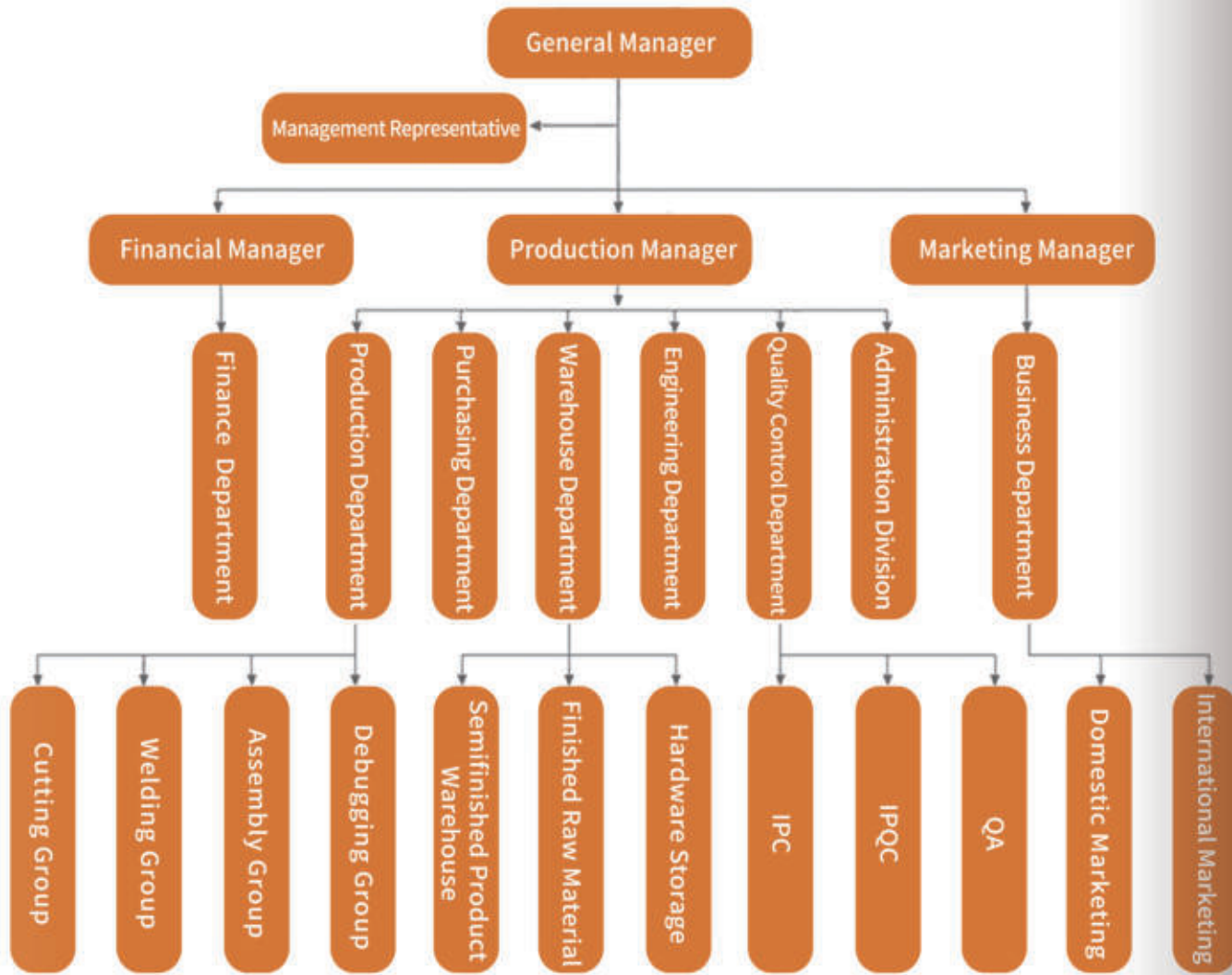


20 YEARS
MANUFACTURING EXPERIENCE

Xinxiang Hundred Percent Electrical And Mechanical Co., Ltd. was founded in 1953. It was once a state-owned collective enterprise. Since established, the company has experienced major changes in the planned economy and market economy. From the initial production of ordinary agricultural tools to agricultural machinery to modern industrial handling equipment, it has witnessed the development of Chinese industry. In order to keep up with the pace of development of the times, after BEFANBY several generations of hard work, The company has from the earliest iron and wood cooperative, Henan Yanjin Yulin Agricultural Machinery Factory, Henan Yanjin Yulin Machinery Factory, Henan Yanjin General Machinery Factory, Xinxiang Antai Machinery Factory, and Xinxiang Rongchang Machinery Manufacturing Co., Ltd..

To date, Xinxiang Hundred Percent Electrical And Mechanical Co., Ltd. From the initial agricultural products hoe, sickle, shovel, iron pick, to agricultural carriage, trailer, steel ring, electric meter, reducer, motor, it has developed into a professional material handling equipment production company integrating R&D, design, production and sales. BEFANBY was listed on the New Fourth Board in 2016, and it was included in the book "2020 China Rail Tractor Industry Analysis Report-Research on Market Operation Situation and Development Prospects" in 2020. BEFANBY products are sold to all provinces and cities around China and exported to the United States, Canada, Mexico, Germany, Chile, Russia, Saudi Arabia, the United Arab Emirates, Thailand, Singapore, Indonesia, Malaysia, Australia, South Korea and other more than 90 countries and regions.

PROFESSIONAL THINGS TO PROFESSIONAL PEOPLE
CORPORATE ARCHITECTURE



TRANSFER CART PRODUCTION PROCESS



Multi-layer inspection filtering layers of control, more first-class professionals with many years of industry experience, to provide "one to one" quality service, whether it is what kind of products, all can "new custom", just a phone call, we help you design, production, processing, adhere to the concept of quality is given priority to, although we cannot guarantee that we are the cheapest in the industry, but we check the quality assurance premise, we must have the best cost performance.

14 SERIES BEST-SELLING PRODUCTS ARE INTRODUCED

A POWERFUL MANUFACTURER

Xinxiang Hundred Percent Electrical and Mechanical Co., Ltd. is the only manufacturer specializing in the manufacture of electric transfer carts in China. In order to upgrade the quality of transfer carts, the table is not deformed. Our company introduced the box girder structure for the first time and guided by our company. The company has gradually become the frame standard for the entire industry, and the company aims to improve product quality.

It also adopts the new concept that mainly in automation fields, pays attention to its product quality, focus, concentration, professionalism, and dedication to design and manufacture the electric transfer cart suitable for various working environments, the safety performance of its products. It has been unanimously recognized by the majority of customers. With the continuous development of the company, it has become the leading enterprise of the electric transfer cart in China.



AGV

Heavy duty AGV is also called an automatic guided vehicle, it moves automatically under the guidance of a navigation device. It can move between different manufacturing sites and warehouse sites with unmanned operation to achieve automated handling, which improve efficiency and productivity, and reduce labor costs and product damage, etc..



INDUCTIVE GUIDANCE



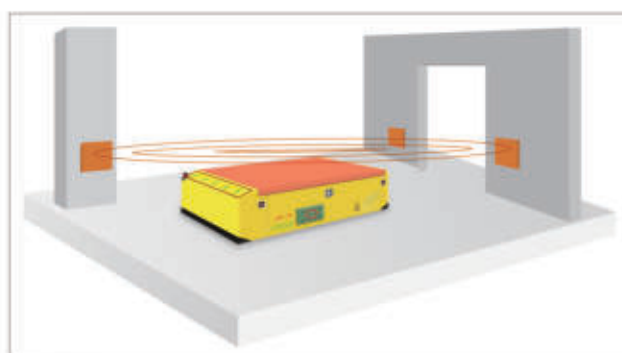
INERTIAL GUIDANCE



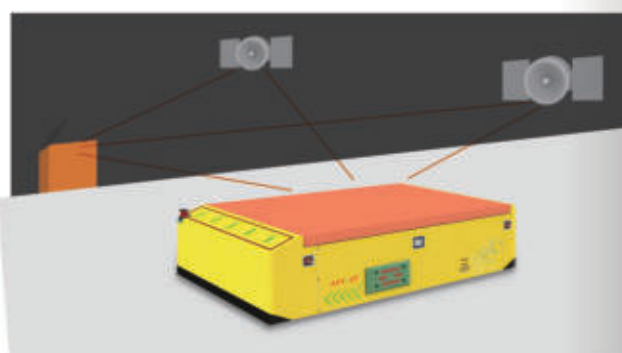
MAGNETIC GUIDANCE



OPTICAL GUIDANCE



LASER GUIDANCE



DGPS GUIDANCE

AGV consists of automatic guidance system, automatic loading and unloading system, communication system, safety system and management system and other technologies, combined to form an automatic guided vehicle system (AGVS), which has become the mainstream of logistics and transportation in today's flexible manufacturing system (FMS) and automated warehousing system. AGVS is mainly used in the conveying link to facilitate automated management, improve system flexibility and promote production efficiency.

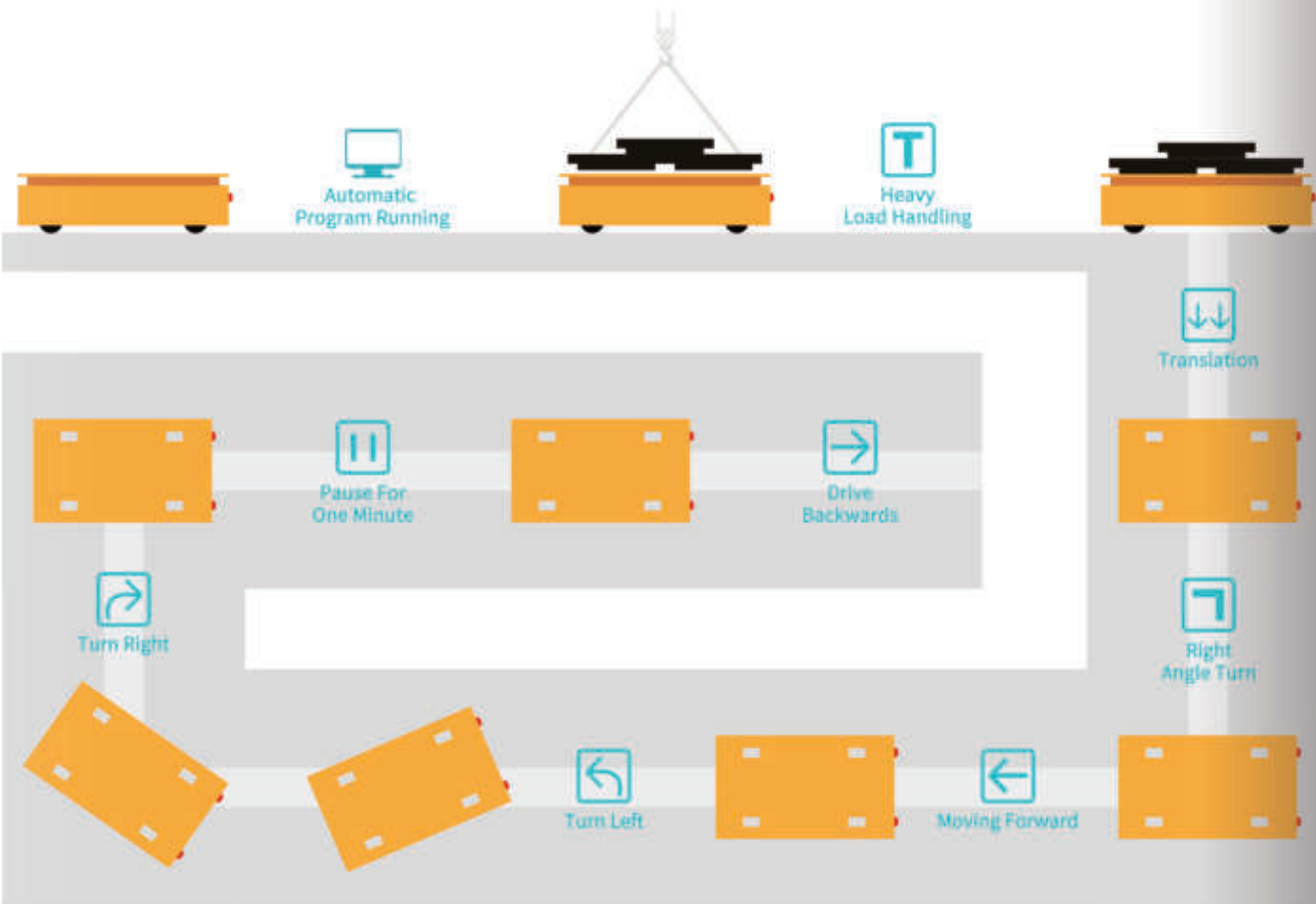


TECHNICAL DATA SHEET

Model	AGV-2t	AGV-5t	AGV-10t	AGV-20t	AGV-30t	AGV-40t	AGV-50t
Rated Load(t)	2	5	10	20	30	40	50
Table Size (mm)	Length(l)	2000	2500	3000	3500	4000	5500
	Width(w)	1500	2000	2000	2200	2200	2500
	Height(h)	450	550	600	800	1000	1300
Navigation Type	Magnetic / Laser / Natural / QR Code						
Stop Accuracy(mm)	±10						
Wheel Diameter(mm)	200	280	350	410	500	500	500
Voltage(v)	48	48	48	72	72	72	72
Power Supply Mode	Lithium Battery						
Charging Type	Manual Charging / Automatic Charging						
Charging Time	Fast Charging Support						
Climbing	2°						
Running	Forward / Backward / Horizontal Movement / Rotating / Turning						
Safe Device	Alarm System / Multiple Anti-Collision Detection / Safety Touch Edge / Emergency Stop / Safety Warning Device / Sensor Stop						
Communication Method	WIFI / 4G / 5G / Bluetooth Support						
Electrostatic Discharge	Yes						

Notes: 1. Load capacity, table size and gauge can be customized. 2. Options: a. Remote radio control (imported or made in China); b. Automatic stop when detecting obstacle or person, limit switches (to limit travel); c. Automatic cutting off power; d. Motor (DC motor with brush and DC motor brushless); e. Electrical parts (imported or made in China); f. It can be designed to meet special working environment such as high temperature.

AGV FUNCTION DISPLAY



AGV Series' Accessories Show

- Warning Light:** Represented by a vertical light bar icon.
- Remote Control:** Represented by a handheld control device icon.
- Steering Wheel:** Represented by a mechanical steering component icon.
- Lithium Battery:** Represented by a black battery pack icon.
- Electrical Box:** Represented by a white control box icon.
- Display Screen:** Represented by a tablet computer icon.
- Magnetic Stripe:** Represented by a circular magnetic strip icon.
- Laser Sensor:** Represented by a blue sensor unit icon.

RGV CHARACTERISTICS



PRECISE POSITIONING



AUTOMATION



FLEXIBILITY



LOW COST



SIMPLE CONTROL



SAFE AND RELIABLE



RGV RAIL GUIDE VEHICLE

RGV, also known as a rail guided vehicle, needs to lay steel rails on the ground, and realize automated material handling operations, pick-up, transportation, placement and other tasks according to plans and instructions through PLC programming, and carry out fixed-point operations on the assembly line of the workshop. It can communicate with other equipment and run automatically without manual operation, greatly improving the efficiency of production line handling. Rollers, conveyor belts, conveyor chains, etc. can be added according to demand.



TECHNICAL DATA SHEET

Model	RGV-2t	RGV-5t	RGV-10t	RGV-16t	RGV-20t	RGV-25t	RGV-30t	RGV-40t	RGV-50t	RGV-63t	RGV-80t	RGV-100t	RGV-150t
Rated Load(t)	2	5	10	16	20	25	30	40	50	63	80	100	150
Table Size (mm)	Length(l)	2000	3500	3600	4000	4000	4500	4500	5000	5500	5600	6000	10000
	Width(w)	1500	2000	2000	2000	2200	2200	2200	2500	2500	2500	2600	3000
	Height(h)	450	500	500	550	550	600	600	650	650	700	800	1200
Wheel Base(mm)	1200	2500	2600	2800	2800	3200	3200	3800	4200	4300	4700	4900	7000
Rail Inner Gauge(mm)	1200	1435	1435	1435	1435	1435	1435	1435	1435	1435	1800	2000	2000
Control Mode	Remote Control + Touch Screen (Single Operation Mode Can Also Be Connected To The Central Control)												
Power Supply Mode	Optional Battery Type/Cable Type/Low Voltage Rail Type/Busbar Type												
Wheel Diameter(mm)	250	300	300	350	350	400	400	500	500	600	600	600重型	600
Wheel Quantity(pc)	4	4	4	4	4	4	4	4	4	4	4	4	4
Ground Clearance(mm)	50	50	50	50	50	50	50	50	50	75	75	75	75
Running Speed(m/min)	0-25	0-25	0-25	0-25	0-25	0-25	0-25	0-20	0-20	0-20	0-20	0-20	0-20
Motor Power	0.55	1.1	1.5	2.2	2.2	3	3.5	4.5	5.5	6.3	8	10	15
Wheel Pressuer(kn)	14.4	25.8	42.6	64.5	77.7	94.5	110.4	142.8	174	221.4	278.4	343.8	265.2
Reference Weight(t)	2.8	3.6	4.2	5.5	5.9	6.5	6.8	7.6	8	10.8	12.8	14.5	26.8
Recommended Rail Model	P15	P18	P18	P24	P24	P38	P38	P43	P43	P50	P50	QU80	QU100

Notes: 1.Load capacity,table size and gauge can be customized. 2.Options:a.Remote radio control(imported or made in China); b.Automatic stop when detecting obstacle or person,limit switches(to limit travel); c.Automatic cutting off power;r;d.Motor(DC motor with brush and DC motor brushless);e.Electrical parts(imported or made in China);f.It can be designed to meet special working environment such as high temperature.



APPLICATION



Steel Wheel



Warning Light

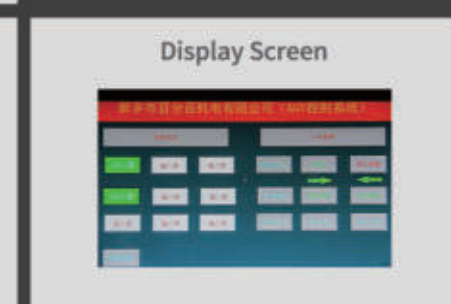


Remote Control

RGV Series' Accessories Show



Electrical Box



Display Screen



Laser Sensor

BWP Series' Transfer Cart



360° ROTATION

- The trackless transfer cart can realize turning 360 degree freely with small turning radius.
- It is easy to operate and is suitable for unfixed logistics transportation between multiple production workshops and warehouses
- In the case of excellent surface flatness and no slope, it can be transported indoors or outdoors freely.
- The transfer cart can achieve in situ spin, strong wear - resistant, low maintenance costs.



Intelligent Charger



Pendant Remote Control

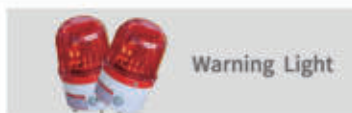


Electrical Box

BWP Series' Accessories Show



PU Wheel



Warning Light



DC Motor



Maintenance Free Battery



Laser Sensor

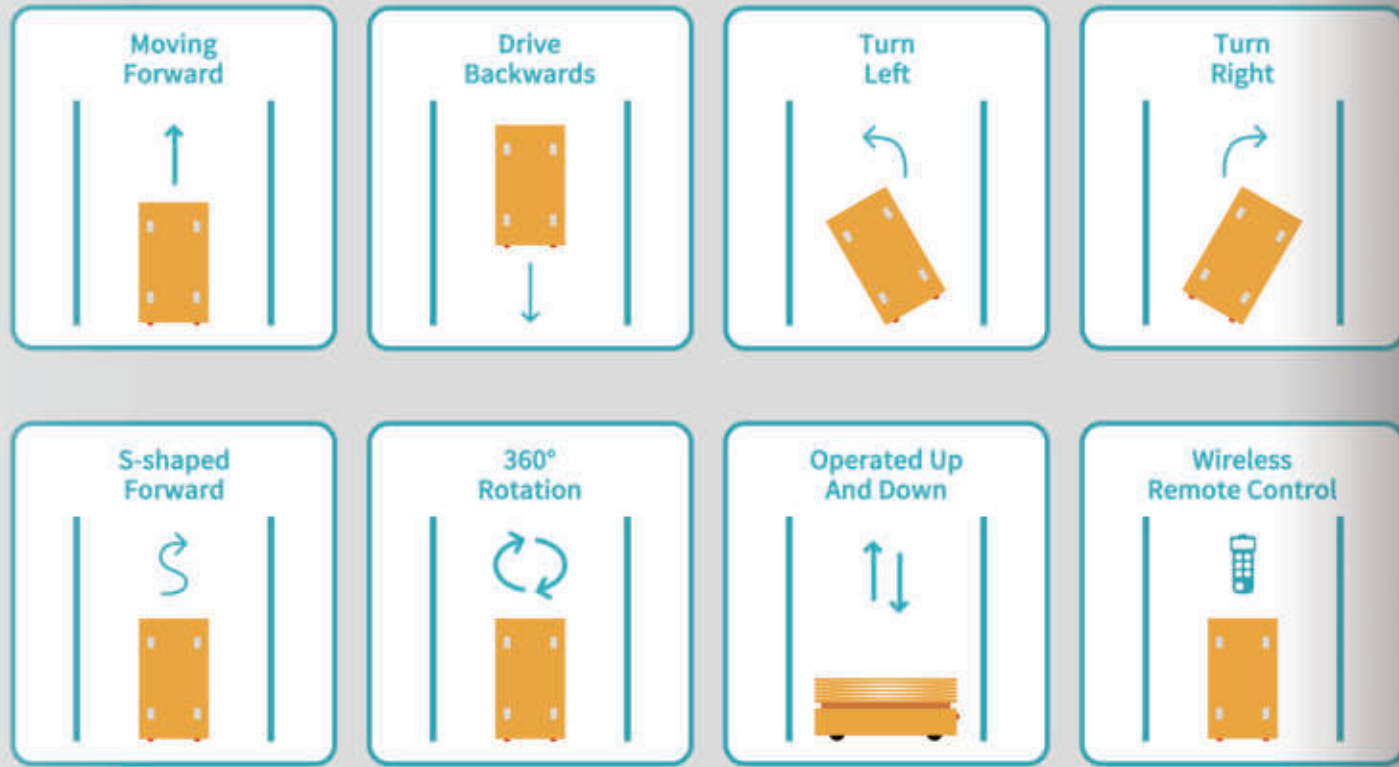
The trackless transfer cart is powered by a battery, and the high-strength polyurethane rubber wheels are used as the driving wheels and carrying wheels. As a handling equipment in the factory and workshop, it can not only run in a straight line but also turn, which greatly enhances the convenience of regional transportation and solves the problems of many enterprises in transporting items to different orientations.No limitation of rails, wireless remote control, simple and convenient operation, and 360° free turning can be achieved.



TECHNICAL DATA SHEET >>>

Model	BWP-2t	BWP-5t	BWP-10t	BWP-15t	BWP-20t	BWP-25t	BWP-30t	BWP-40t	BWP-50t	BWP-60t	BWP-70t	BWP-80t	BWP-100t
Rated Load(t)	2	5	10	15	20	25	30	40	50	60	70	80	100
Table Size (mm)	Length(l)	2000	2200	2300	2400	2400	3500	3500	5000	5500	5600	6000	6600
	Width(w)	1500	2000	2000	2100	2200	2200	2200	2500	2600	2600	2600	3000
	Height(h)	450	500	550	600	600	700	700	800	800	850	900	950
Wheel Base (mm)	1080	1650	1650	1600	1650	1650	1650	1800	1800	2000	2000	2100	2300
Axle Base(mm)	1380	1680	1700	1830	1850	2700	2700	2800	2850	2900	3500	3500	4000
Wheel Diameter(mm)	250	300	350	400	400	450	450	500	600	600	600	600	600
Wheel Quantity(pc)	4	4	4	4	4	4	4	4	4	4	6	6	8
Ground Clearance(mm)	50	50	50	50	50	50	50	50	50	50	50	50	50
Running Speed(m/min)	0-25	0-25	0-25	0-25	0-25	0-25	0-25	0-20	0-20	0-20	0-20	0-20	0-20
Motor Power(kw)	2*1.2	2*1.5	2*2.2	2*3.5	2*4.5	2*5.5	2*5.5	2*6.3	2*7.5	2*10	2*12	30	40
Batter Capacity(ah)	250	180	250	330	400	400	450	450	500	600	600	800	1000
Battery Voltage(v)	24	48	48	48	48	48	48	72	72	72	72	72	72
Running Time When Full Load	2.5	2.88	2.8	2.3	2.2	1.8	2	2.6	2.5	2.2	1.8	2	1.9
Running Distance For One Charge(km)	3	3.5	3.4	2.8	2.7	2.2	2.4	3.2	3	2.7	2.2	2.4	2.3
Max Wheel load(kn)	14.4	25.8	42.6	64.5	77.7	94.5	110.4	142.8	174	221.4	152	185	190
Reference Weight(t)	2.3	3.6	4.2	5.5	5.9	6.5	6.8	7.6	8	10.8	12.8	14.6	26.8

Notes:1. The load capacity and table size can be designed and manufactured as per customer requirements; 2.The remote control can be chosen; 3. It can installed safety device such as stop, anti-collision strip, etc.; 4, Trackless transfer cart can be automatic power off; 5, It can realize vertical and horizontal movement, in-situ rotation function; 6, It can be installed navigation system (magnetic strip, magnetic nail or laser navigation) to realize automatic running.



The transfer cart structure is advanced and reliable, which appearance meet to the safety protection requirements, this transfer cart with the advantage of: smooth, safe and reliable operation, reasonable material selection, precision production, excellent performance, good accuracy retention, long-term continuous stable operation, stable and reliable control. This series transfer cart can turning while walking, it is equipped with safety warning and safety detection devices which can stop automatically when encountering personal or obstacles; and equipped with a fully automatic intelligent charger.



KPDZ Series' Transfer Cart

The working principle of KPDZ is that the power source AC 380v is transformed to AC 36v two-phase and are respectively connected to the two rails. The transfer cart's wheels conduct the AC 36v into the electrical box; then the AC 36v is transformed into DC 48v and control the DC motor through the DC control system to make the transfer carts start, stop, go forward and backward and adjust the speed and so on.



Ground Control Cabinet

KPDZ Series' Accessories Show



Hand Pendant Remote Control



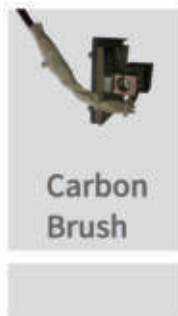
Electrical Box



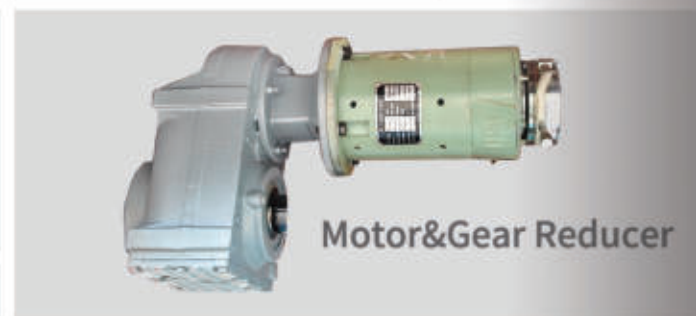
Steel Wheel



Warning Light



Carbon Brush



Motor&Gear Reducer



Product Advantages

KPDZ transfer cart can be used both on the 'S' and arc-shaped railways. The also can be used in the high-temperature environment. The hydraulic lifting device can be installed on the transfer cart. The DC motor has the advantage of safety, flexibility, stable start, big starting torque, small impact to the gear reducer, low voltage, long lifetime and so on. But this series have strict requirement on the construction of the railways which need to be insulated.



The rated load can not be more than 50T. This series' transfer carts are suitable to be used in such condition: higher using frequency, not too short running distance. The running distance is not limited. When running distance is more than 70m, you need to increase the transformers to make up the voltage which has been lowered.

TECHNICAL DATA SHEET

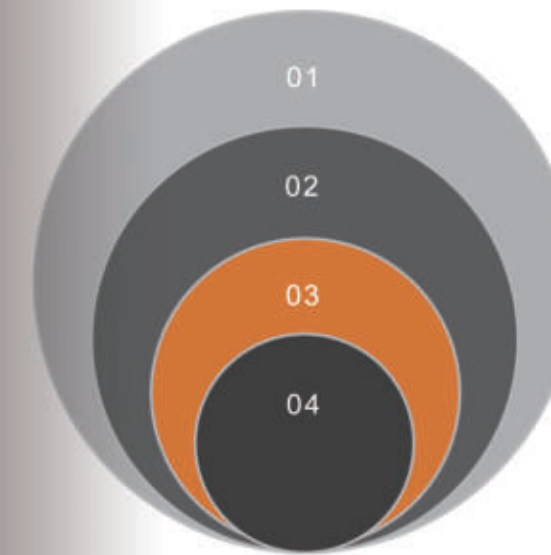
Model	KPDZ-2t	KPDZ-5t	KPDZ-10t	KPDZ-16t	KPDZ-20t	KPDZ-25t	KPDZ-30t	KPDZ-40t	KPDZ-50t	KPDZ-63t
Rated Load(t)	2	5	10	16	20	25	30	40	50	63
Table Size (mm)	Length(l)	2000	3500	3600	4000	4000	4500	4500	5000	5500
	Width(w)	1500	2000	2000	2000	2200	2200	2200	2500	2500
	Height(h)	450	450	500	500	550	600	600	650	650
Wheel Base(mm)	1200	2500	2600	2800	2800	3200	3200	3800	4200	4300
Rail Inner Gauge(mm)	1200	1435	1435	1435	1435	1435	1435	1435	1435	1435
Wheel Diameter(mm)	250	300	300	350	350	400	400	500	500	600
Wheel Quantity(pc)	4	4	4	4	4	4	4	4	4	4
Ground Clearance(mm)	50	50	50	50	50	50	50	50	50	50
Running Speed(m/min)	0-25	0-25	0-25	0-25	0-25	0-25	0-25	0-20	0-20	0-20
Motor Power(kw)	0.55	1.1	1.5	2.2	2.2	3	3.5	4.5	5.5	6.3
Transformer Power(kva)	3	5	5	6.8	6.8	6.8	10	12	15	20
Transformer Quantity(pc)	1	1	1	1	1	1	1	1	1	1
Running Distance(m)	80	80	80	70	70	70	70	60	50	50
Max Wheel Load(kn)	14.4	25.8	42.6	64.5	77.7	94.5	110.4	142.8	174	221.4
Reference Weight(t)	2.8	3.6	4.2	5.5	5.9	6.5	6.8	7.6	8	10.8
Recommended Rail Model	P15	P18	P18	P24	P24	P38	P38	P43	P43	P50
Operation Method	Hand Pendant + Remote Control									

Notes:1.Load capacity,table size and gauge can be customized. 2.Options:a.Remote radio control(imported or made in China);bAutomatic stop when detecting obstacle or person,limit switches(to limit travel);cAutomatic cutting off power on rail;d.Motor(DC motor with brush and DC motor brushless);e.Electrical parts(imported or made in China);f.It can be designed to meet special working environment such as high temperature.



KPDS Series' Transfer Cart

The working principle of KPDS is that the power source AC 380v is transformed to AC 36v three-phase through transform and connected to the three rails respectively. The transfer carts' wheels and conducting plate lead the AC 36v electricity to the electrical appliance box. The AC 36v is transformed to AC 380v through transformer. And control AC metallurgy motor through AC motor system to make the transfer cart start, stop, go forward and backward and so on.



01

This series' transfer cart can be used both on 'S' and arc-shaped rails, and high temperature.

02

The running distance is not limited, but when the running distance exceeds 70m, you need to increase the number of transformers to compensate for the track voltage drop.

03

But this series have strict requirement on the construction of the railways which need to be insulated. This series' transfer carts are suitable for the environment of heavy load capacity (>50t), middle and long distance transportation.

04

The hydraulic system and weighing system can be installed on the cart with safer and flexible.

KPD series low voltage rail powered transfer carts can be divided into KPDZ two-phase (light) and KPDS three-phase (heavy).





Ground Control Cabinet

KPDS Series' Accessories Show



Pendant Remote Control



Electrical Box

Steel Wheel



Conducting Column



Carbon Brush



AC Motor



Transformer

SAVE LABOR / HIGH QUALITY / SAFETY



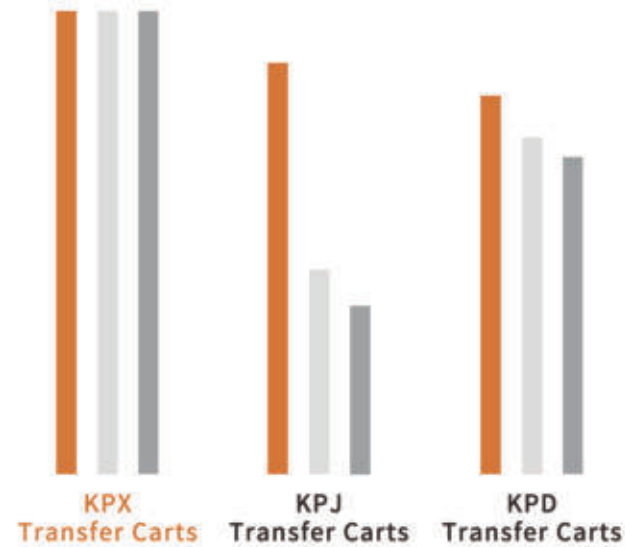
TECHNICAL DATA SHEET

Model	KPDS-2t	KPDS-5t	KPDS-10t	KPDS-16t	KPDS-20t	KPDS-25t	KPDS-30t	KPDS-40t	KPDS-50t	KPDS-63t	KPDS-80t	KPDS-100t	KPDS-150t
Rated Load(t)	2	5	10	16	20	25	30	40	50	63	80	100	150
Table Size (mm)	Length(l)	2000	3500	3600	4000	4000	4500	4500	5000	5500	5600	6000	10000
	Width(w)	1500	2000	2000	2000	2200	2200	2200	2500	2500	2500	2600	3000
	Height(h)	450	450	500	500	550	600	600	650	650	750	800	1200
Wheel Base(mm)	1200	2500	2600	2800	2800	3200	3200	3800	4200	4300	4700	4900	7000
Rail Inner Gauge(mm)	1200	1435	1435	1435	1435	1435	1435	1435	1435	1435	1800	2000	2000
Wheel Diameter(mm)	250	300	300	350	350	400	400	500	500	600	600	600	600
Wheel Quantity(pc)	4	4	4	4	4	4	4	4	4	4	4	4	8
Ground Clearance(mm)	50	50	50	50	50	50	50	50	50	75	75	75	75
Running Speed(m/min)	0-25	0-25	0-25	0-25	0-25	0-25	0-25	0-20	0-20	0-20	0-20	0-20	0-20
Motor Power(kw)	0.55	1.1	1.5	2.2	2.2	3	4	5.5	5.5	7.5	7.5	11	15
Transformer Power(kva)	3	5	5	6.8	6.8	6.8	10	12	12	20	20	30	30
Transformer Quantity(pc)	1	1	1	1	1	1	1	1	1	1	1	1	1
Running Distance(m)	80	80	80	70	70	70	70	60	50	50	50	50	50
Max Wheel Load(kn)	14.5	25.8	42.6	64.5	77.7	94.5	110.4	142.8	174	221.4	278.4	343.8	265.2
Reference Weight(t)	2.8	3.6	4.2	5.5	5.9	6.5	6.8	7.5	8	10.8	12.8	14.6	26.8
Recommended Rail Model	P15	P18	P18	P24	P24	P38	P38	P43	P43	P50	P50	QU80	QU100
Operation Method	Hand Pendant + Remote Control												

Notes: 1.Load capacity,table size and rail inner gauge can be customized. 2.Optional device:a.Remote radio control(imported or made in China);b. Automatic stop when detecting obstacle or person, limit switches(to limit travel);c.Automatic cutting off power on rail;d.Variable speed device(VFD);e.Electrical parts can be optional(made in China or imported);f.It can be designed to meet special working environment such as high temperature.

KPX Series' Transfer Cart

The battery(lithium battery optional) supply electricity to the DC motor.The electrical control system commend to the DC motor to drive transfer cart to start, stop, go forward, backward, turns left and right, adjust speed through the remote controller.KPX transfer cart can be used both on the 'S' and arc-shaped railways. They also can be used in the ferry condition and flammable, explosive environment. The DC motor has the advantages of stable start, big starting power, small impact to the gear reducer, low voltage, long lifetime and so on.



- Security
- Flexibility
- Running Distance

Compared with other series

Compared with KPJ and KPD series transfer carts, it has safety and flexible; the running distance is not limited, and the requirements for rail laying are not high. It is suitable for low-frequency and long-distance transportation. What's more, the maintenance free batteries are installed to export, which makes the using more convenient with long service lifetime.



NOTED:

Generally, the intelligent charger is equipped to export, which not only is low noise, high frequency and automated stop when charged full but also can protect the battery and prolong the battery lifetime . And the charging time is about 8 hours, The charge-discharge times are more than 1000 times.

TECHNICAL DATA SHEET

Model	KPX-2t	KPX-5t	KPX-10t	KPX-16t	KPX-20t	KPX-25t	KPX-30t	KPX-40t	KPX-50t	KPX-63t	KPX-80t	KPX-100t	KPX-150t
Rated Load(t)	2	5	10	16	20	25	30	40	50	63	80	100	150
Table Size (mm)	Length(l)	2000	3500	3600	4000	4000	4500	4500	5000	5500	5600	6000	10000
	Width(w)	1500	2000	2000	2000	2200	2200	2200	2500	2500	2500	2600	3000
	Height(h)	450	500	500	550	560	600	600	650	650	700	800	1200
Wheel Base(mm)	1200	2500	2600	2800	2800	3200	3200	3800	4200	4300	4700	4900	7000
Rail Inner Gauge(mm)	1200	1435	1435	1435	1435	1435	1435	1435	1435	1435	1800	2000	2000
Wheel Diameter(mm)	250	300	300	350	350	400	400	500	500	600	600	600重	600重
Wheel Quantity(pc)	4	4	4	4	4	4	4	4	4	4	4	4	8
Ground Clearance(mm)	50	50	50	50	50	50	50	50	50	75	75	75	75
Running Speed(m/min)	0-25	0-25	0-25	0-25	0-25	0-25	0-25	0-20	0-20	0-20	0-20	0-20	0-20
Motor Power(kw)	0.55	1.1	1.5	2.2	2.2	3	3.5	4.5	5.5	6.3	8	10	15
Battery Capacity(ah)	100	150	150	180	180	210	250	300	330	400	400	440	600
Battery Voltage(v)	48	48	48	48	48	48	48	48	48	48	72	72	72
Running Time Full Load(h)	4.32	5.4	4.8	4.3	4	4	3.5	3.6	3.3	3	3.6	3.2	2.9
Running Distance For One Charge(km)	6.5	8.1	7.2	5.1	4.8	4.8	4.2	4.3	4	3.6	4.3	3.8	3.2
Max Wheel Load(kn)	14.4	25.8	42.6	64.5	77.7	94.5	110.4	142.8	174	221.4	278.4	343.8	265.2
Reference Weight(t)	2.8	3.6	4.2	5.5	5.9	6.5	6.8	7.6	8	10.8	12.8	14.5	26.8
Recommended Rail Model	P15	P18	P18	P24	P24	P38	P38	P43	P43	P50	P50	QU80	QU100
Operation Method	Hand Pendant + Remote Control												

Notes:1.Load capacity,table size and gauge can be customized. 2.Options:a.Remote radio control(imported or made in China);bAutomatic stop when detecting obstacle or person,limit switches(to limit travel);cAutomatic cutting off power on rail;d.Motor(DC motor with brush and DC motor brushless);e.Electrical parts(imported or made in China);f.It can be designed to meet special working environment such as high temperature.

KPX Series' Application Show



KPT Series' Transfer Cart



WORKING REQUIREMENT

Due to low cost and simple structure, it is a common transfer cart with short distance over-span in the workshop; it is usually used in the occasions with short distance transfer ($\leq 20\text{m}$), high using frequency, and low carts' height.



APPLIED TO VARIOUS ENVIRONMENTS

The rail transfer cart is not strict requirement for the rail installation with unlimited using time, which can be used in various environment, high temperature environment, ex-proof environment, etc.



ACCESSORIES SOLUTION

The drag chain can be choose to reduce the abrasion if the running distance is short with low speed.

KPT SERIES' TRANSFER CART WORKING PRINCIPLE

The transfer cart conducts AC 380V directly into the electrical control system to let the transfer carts start, stop, go forward and backward and so on. Because the mechanism is relatively simple and the cost is low, it is a good choice if short-distance crossing in the workshop.



This series' transfer carts are suitable to be used in the bad environment, for example, high-temperature and anti-explosion condition. Compare with KPX series transfer cart, the using time is not limited. Compare with KPD series transfer cart, it has no strict requirement on the rail's installation. Compare with KPJ series cart, the cost is low. This series' transfer cart is suitable for the environment of short running distance ($\leq 20\text{m}$), high using frequency, and low cart's height. For the condition of short running distance and low speed, the chain can be used to reduce the abrasion of the cable.



TECHNICAL DATA SHEET

Model	KPT-2t	KPT-5t	KPT-10t	KPT-16t	KPT-20t	KPT-25t	KPT-30t	KPT-40t	KPT-50t	KPT-63t	KPT-80t	KPT-100t	KPT-150t
Rated Load(t)	2	5	10	16	20	25	30	40	50	63	80	100	150
Table Size (mm)	Length(l)	2000	3500	3600	4000	4000	4500	4500	5000	5500	5600	6000	10000
	Width(w)	1500	2000	2000	2000	2200	2200	2200	2500	2500	2500	2600	3000
	Height(h)	450	450	500	500	550	600	600	650	650	750	800	850
Wheel Base(mm)	1200	2500	2600	2800	2800	3200	3200	3800	4200	4300	4700	4900	7000
Rail Inner Gauge(mm)	1200	1435	1435	1435	1435	1435	1435	1435	1435	1435	1800	2000	2000
Wheel Diameter(mm)	250	300	300	350	350	400	400	500	500	600	600	600	600
Wheel Quantity(pc)	4	4	4	4	4	4	4	4	4	4	4	4	8
Ground Clearance(mm)	50	50	50	50	50	50	50	50	50	75	75	75	75
Running Speed(m/min)	0-25	0-25	0-25	0-25	0-25	0-25	0-25	0-20	0-20	0-20	0-20	0-20	0-20
Motor Power(kw)	0.55	1.1	1.5	2.2	2.2	3	4	5.5	5.5	7.5	7.5	11	15
Max Wheel Load(kn)	14.4	25.8	42.6	64.5	77.7	94.5	110.4	142.8	174	221.4	278.4	343.8	265.2
Reference Weight(t)	2.3	3.3	3.8	5	5.5	6	6.3	7.2	7.6	10.3	12.1	13.9	26
Recommended Rail Model	P15	P18	P18	P24	P24	P38	P38	P43	P43	P50	P50	QU80	QU100
Operation Method	Hand Pendant + Remote Control												

Notes: 1.Load capacity,table size and rail inner gauge can be customized. 2.Optional device:a.Cable(cable within chain or cable hanging);b.Automatic stop when detecting obstacle or person, limit switches(to limit travel);c.Operation way(hand held control pendant,remote radio control or operation platform with the cart);d.Electrical parts(imported or made in china);e.Variable speed device(VFD);f.It can be designed to meet special working environment such as high temperature,explosion proof and so on.

Proximity Switch

Cable

Warning Light

Limit Switch

Electrical Box

Steel Wheel

Pendant Remote Control

Laser Sensor

Anti-collision Buffer

Drag Chain

AC Motor

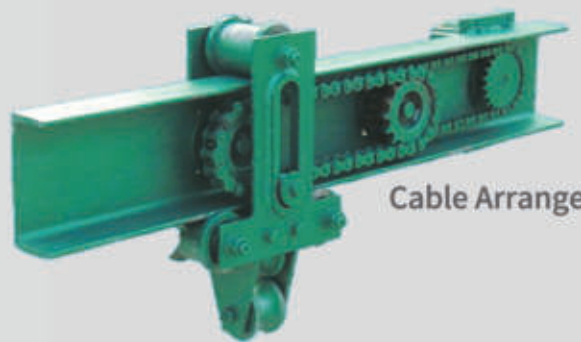
KPT Series' Accessories Show

KPJ Series' Transfer Cart


KPJ series railways transfer carts are powered by the cable reels. The transfer carts get power AC 380V through the device of cable reel which is installed at the bottom of the cart. The motor is controlled by the power through the AC control system. We use this principle to operate the cart for example, start, stop, go forward, backward and so on.




The largest capacity of the transfer cart can reach to 1500 ton.



Cable Arranger




Pendant Remote Control




Electrical Box


KPJ Series' Accessories Show



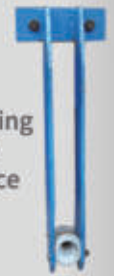
Steel Wheel




Warning Light



Motor&Gear Reducer



Guiding Wire Device



Cable Drum

MATTERS NEED BE NOTED

The operation system is low voltage 36V. The hydraulic lifting device can be installed on the transfer carts.

With its simple structure and low price, this series is more often used to transfer materials from one workshop to another.

Compared with the KPX series, the using time is not limited. Compared with the KPD series, it has no strict requirement for the construction of the railway.

This series transfer carts are suitable to be used in the bad environment, for example, high-temperature and anti-explosion condition.

The transfer cart can be customized as per your true demand, such as PLC, weighing system and so on.

The transfer cart is suitable for occasions with large capacity and high frequency use. The cable arranger should be added if the running distances exceeding 50 meters.

TECHNICAL DATA SHEET

Model	KPJ-2t	KPJ-5t	KPJ-10t	KPJ-16t	KPJ-20t	KPJ-25t	KPJ-30t	KPJ-40t	KPJ-50t	KPJ-63t	KPJ-80t	KPJ-100t	KPJ-150t
Rated Load(t)	2	5	10	16	20	25	30	40	50	63	80	100	150
Table Size (mm)	Length(l)	2000	3500	3600	4000	4000	4500	4500	5000	5500	5600	6000	10000
	Width(w)	1500	2000	2000	2000	2200	2200	2200	2500	2500	2500	2600	3000
	Height(h)	500	550	550	600	600	650	650	700	700	800	900	1200
Wheel Base(mm)	1200	2500	2600	2800	2800	3200	3200	3800	4200	4300	4700	4900	7000
Rail Inner Gauge(mm)	1200	1435	1435	1435	1435	1435	1435	1435	1435	1435	1800	2000	2000
Wheel Diameter(mm)	250	300	300	350	350	400	400	500	500	600	600	600重	600重
Wheel Quantity(pc)	4	4	4	4	4	4	4	4	4	4	4	4	8
Ground Clearance(mm)	50	50	50	50	50	50	50	50	50	75	75	75	75
Running Speed(m/min)	25	25	25	20	20	20	20	20	20	20	20	20	20
Motor Power(kw)	0.55	1.1	1.5	2.2	2.2	3	4	5.5	5.5	7.5	7.5	11	15
Running Distance(m)	25	25	25	25	30	30	50	50	50	50	50	50	50
Max Wheel Load(kn)	14.4	25.8	42.6	64.5	77.7	94.5	110.4	142.8	174	221.4	278.4	343.8	265.2
Reference Weight(t)	2.5	3.5	4	5.2	5.6	6.2	6.5	7.3	7.8	10.5	12.3	14.1	26.2
Recommended Rail Model	P15	P18	P18	P24	P24	P38	P38	P43	P43	P50	P50	QU80	QU100
Operation Method	Hand Pendant + Remote Control												

Notes: 1. Load capacity, table size and rail inner gauge can be customized. 2. Optional device: a. Cable reel (Spring type, magnetic coupling type, motor-driven type); b. Automatic stop when detecting obstacle or person, limit switches (to limit travel); c. Operation way (hand held control pendant, remote radio control or operation platform with the cart); d. Electrical parts (imported or made in china); e. power supply position (middle or two ends); f. Variable speed device (VFD); g. It can be designed to meet special working environment such as high temperature.



KPC Series' Transfer Cart

KPC series' rail transfer carts are powered by the sliding line. It conducts AC 380V sliding wire directly into the AC electrical control system of the transfer cart to let it start, stop, go forward, backward and so on.



- The cart gets power from the slider of the safe sliding line which is moved by the cart's running.
- The sliding line is limited by the installation position. It can be between the rails on the channel.
- Through the automatic device to conduct the power in the channel directly to the rail cart.
- The operation system is low voltage 36V power.
- The hydraulic lifting device can be installed on the transfer carts.





Limit Switch



Laser Sensor

KPC Series' Accessories Show



Sliding Wire



Warning Light



Electrical Box



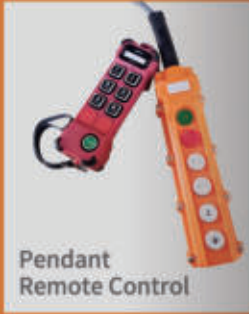
Steel Wheel



Anti-collision Buffer



AC Motor



Pendant Remote Control

Because of its simple structure, low cost and not so strict requirement on the construction of the rails, it is the first choice for the assembly lines of the workshop. This series transfer cart is suitable for the conditions of short running distance, high using frequency, low cart's and assembly line works.



TECHNICAL DATA SHEET

Model	KPC-2t	KPC-5t	KPC-10t	KPC-16t	KPC-20t	KPC-25t	KPC-30t	KPC-40t	KPC-50t	KPC-63t	KPC-80t	KPC-100t	KPC-150t
Rated Load(t)	2	5	10	16	20	25	30	40	50	63	80	100	150
Table Size (mm)	Length(l)	2000	3500	3600	4000	4000	4500	4500	5000	5500	5600	6000	10000
	Width(w)	1500	2000	2000	2000	2200	2200	2200	2500	2500	2500	2600	3000
	Height(h)	450	450	500	500	550	600	600	650	650	750	800	850
Wheel Base(mm)	1200	2500	2600	2800	2800	3200	3200	3800	4200	4300	4700	4900	7000
Rail Inner Gauge(mm)	1200	1435	1435	1435	1435	1435	1435	1435	1435	1435	1800	2000	2000
Wheel Diameter(mm)	250	300	300	350	350	400	400	500	500	600	600	600	600
Wheel Quantity(pc)	4	4	4	4	4	4	4	4	4	4	4	4	8
Ground Clearance(mm)	50	50	50	50	50	50	50	50	50	75	75	75	75
Running Speed(m/min)	0-25	0-25	0-25	0-25	0-25	0-25	0-25	0-20	0-20	0-20	0-20	0-20	0-20
Motor Power(kw)	0.55	1.1	1.5	2.2	2.2	3	4	5.5	5.5	7.5	7.5	11	15
Max Wheel Load(kn)	14.4	25.8	42.6	64.5	77.7	94.5	110.4	142.8	174	221.4	278.4	343.8	265.2
Reference Weight(t)	2.3	3.3	3.8	5	5.5	6	6.3	7.2	7.6	10.3	12.1	13.9	26
Recommended Rail Model	P15	P18	P18	P24	P24	P38	P38	P43	P43	P50	P50	QU80	QU100
Operation Method	Hand Pendant + Remote Control												

Notes: 1.Load capacity,table size and rail inner gauge can be customized. 2.Options:a.Sliding line with seam or seamless slid line) ; bAutomatic stop when detecting obstacle or person,limit switches(to limit travel);c.Operation way(hand held control pendant,remote radio control or operation platform with the cart);d.Electrical parts (imported or made in China);e.Sliding line installation(in the trench on the ground ,on the wall and on the ceiling);f.Variable speed device(VFD);g.It can be designed to meet special wording environment such as high temperature.





MONORAIL GUIDED VEHICLE (MRGV)

Monorail guided vehicles are guided by one rail, which reduces the cost of laying the rails, reduces the cost of manual control, and reduces the turning radius. Semi-automatic and fully automated operation can be achieved. Compared with AGV, the cost is greatly reduced, and the ability to adapt to the environment is relatively strong. The monorail combines the advantages of RGV and AGV, improves the control accuracy and operating stability, and is a good choice for factory handling.



GENERATOR POWER TRANSFER CART

In order to ensure long-term, long-distance and outdoor construction operations, generator powered transfer cart came into being. As long as there is oil, they are not limited by distance and time, and our electric transfer carts are powered by silent generators to reduce noise pollution while working, allowing you to work safely and efficiently.



KP Series' Transfer Cart



ANYWHERE can be used

Can be used on any occasion, mainly the following occasions:



Large slope: The powered transfer cart can not meet this requirement, and must be towed by winch(or other traction device).

High temperature occasions: when the electrical components and other components of powered transfer cart can not meet the requirements of high temperature.

Explosion-proof occasions: When the explosion-proof requirements are higher, and the power transfer cart can not meet the requirements.

when meet other special environments, other powered transfer cart cannot meet the requirements.



KP series unpowered rail transfer carts, also known as "rail trailers", "rail trolleys", and "human powered rail trolleys", are a transfer cart that running on the rails without power by themselves and are driven or towed by manual or other external forces (winches, forklifts, etc.).It is generally used in occasions with small load and short-distance transportation of materials. The towing device is a towing bar or towing hook

TECHNICAL DATA SHEET >>>

Model	KP-2t	KP-5t	KP-10t	KP-16t	KP-20t	KP-25t	KP-30t	KP-40t	KP-50t	KP-63t	KP-80t	KP-100t	KP-150t	
Rated Load(t)	2	5	10	16	20	25	30	40	50	63	80	100	150	
Table Size (mm)	Length(l)	2000	3500	3600	4000	4000	4500	4500	5000	5500	5600	6000	6500	10000
	Width(w)	1500	2000	2000	2000	2200	2200	2200	2500	2500	2500	2600	2800	3000
	Height(h)	450	450	500	500	550	600	600	650	650	750	800	850	1200
Wheel Base(mm)	1200	2500	2600	2800	2800	3200	3200	3800	4200	4300	4700	4900	7000	
Rail Inner Gauge(mm)	1200	1435	1435	1435	1435	1435	1435	1435	1435	1435	1800	2000	2000	
Wheel Diameter(mm)	200	250	300	350	350	400	400	500	500	600	600	600	600	
Wheel Quantity(pc)	4	4	4	4	4	4	4	4	4	4	4	4	8	
Ground Clearance(mm)	50	50	50	50	50	50	50	50	50	75	75	75	75	
Max Wheel Load(kn)	14.4	25.8	42.6	64.5	77.7	94.5	110.4	142.8	174	221.4	278.4	343.8	265.2	
Reference Weight(t)	0.8	1.5	1.5	5	5.5	6	6.3	7.2	7.6	10.3	12.1	13.9	26	
Recommended Rail Model	P15	P18	P18	P24	P24	P38	P38	P43	P43	P50	P50	QU80	QU100	

Note: The above is for reference only, all are customized according to requirements.

BWT Series' Transfer Cart

USE WITH TRACTOR

- Towed by truck
- Towed by forklift
- Applied to occasions with slope

Because flatbed trailers do not have power and rely on towing vehicles for traction, simple structure, flexible turning, large carrying capacity, compared with electric transfer cart, less investment, high cost performance, and can achieve joint operation with multiple trailers.



TECHNICAL DATA SHEET >>>

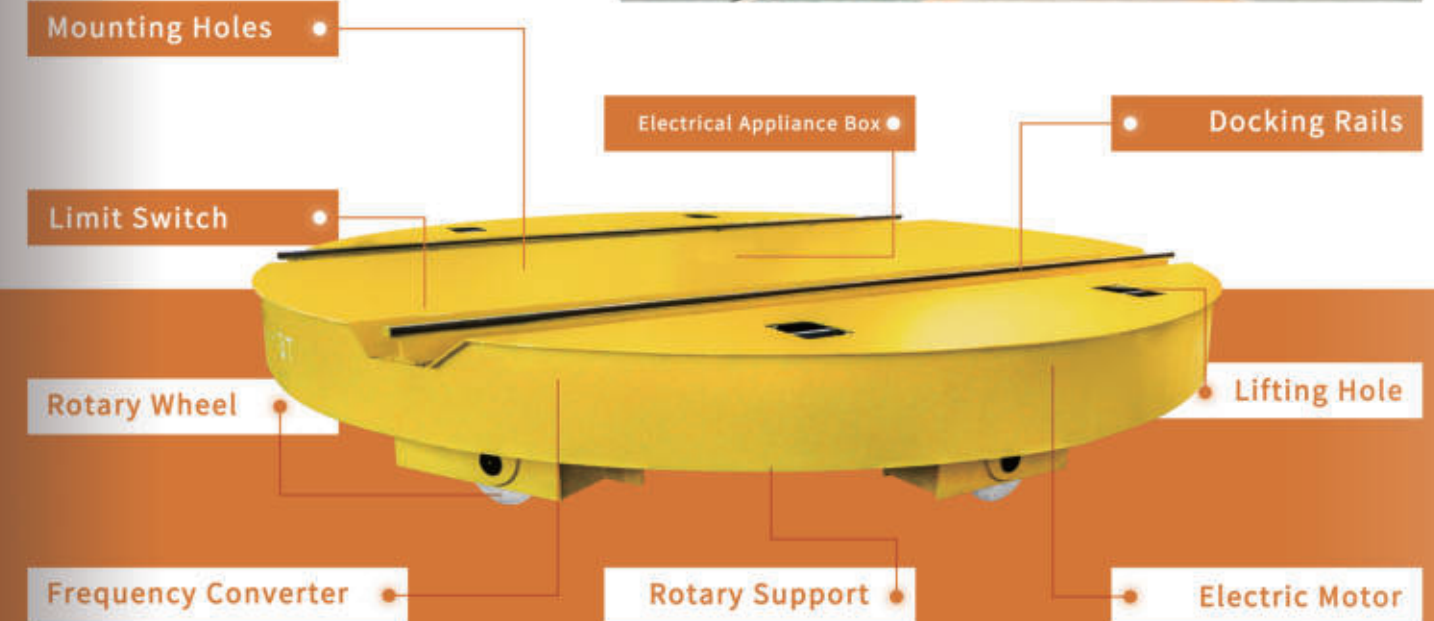
Model		BWT-2t	BWT-5t	BWT-10t	BWT-15t	BWT-20t	BWT-25t	BWT-30t	BWT-40t	BWT-50t
Rated Load(t)		2	5	10	15	20	25	30	40	50
Table Size (mm)	Length(l)	2000	2200	2300	2400	2400	3500	3500	5000	5500
	Width(w)	1500	2000	2000	2100	2200	2200	2200	2500	2600
	Height(h)	450	500	550	600	600	700	700	800	800
Wheel Base(mm)		1080	1650	1700	1830	1850	2700	2700	2800	2850
Wheel Diameter(mm)		250	300	350	400	400	450	450	500	600
Wheel Quantity(pc)		4	4	4	4	4	4	4	4	4
Ground Clearance(mm)		50	50	50	50	50	50	50	50	50
Max Wheel Load(kn)		14.4	25.8	42.6	64.5	77.7	94.5	110.4	142.8	174
Reference Weight(t)		2.3	3.6	4.2	5.5	5.9	6.5	6.8	7.6	8

Note: The above is for reference only, all are customized according to requirements.

BZP Industrial Turntable

The Industrial turntable, also named electric turntable, is usually used in conjunction with a rail transfer cart. It also is an electric transfer cart that can run at the intersection of the rails. It can rotate 360° and stop at any angle, or stop at a fixed point to accurately connect the rails on the turntable with the rail on the ground, help the rail transfer cart to move and turn, and well solve the problems of turning and changing rails on the production process line. The electric turntable is mainly composed of main components such as a motor, a reducer, and a rotary support. The rotation angle ranges from 90° to 360°. It has the advantages of stable operation and high rail docking accuracy, and can realize fully automatic electrical control. The operating system can use an operation column, or a wireless remote control, or an automated central control.

- The features of stable driving
- High accuracy of rail connection
- Can be totally automatically operated



TECHNICAL DATA SHEET >>>

Model		BZP-5t	BZP-10t	BZP-20t	BZP-30t	BZP-40t	BZP-50t
Rated Load(t)		5	10	20	30	40	50
Table Size (mm)	Diameter	>=1800	>=2000	>=2500	>=2800	>=3000	>=3200
	Height(h)	550	600	700	750	800	900
Running Speed(r/min)		1	1	1	1	1	1

Note: The above is for reference only, all are customized according to requirements.

NON STANDARD CUSTOMIZATION

CREATE EXCLUSIVE
PRODUCTS

MORE THAN

100

PRODUCTS

Non-standard customization is a major feature of our company. It is a combination of demand innovation and technological innovation. It can be customized according to the actual usage requirement, and can design, develop, manufactured products and equipment according to the special needs of users. It can save a lot of labor and improve labor efficiency. In the era of rising labor costs, it can help enterprises reduce testing costs and promote competitiveness.



LOCOMOTIVE TURNTABLE

Locomotive turntables can meet specific capacity and length requirements. The turntable has two drive systems, each drive system is located at both ends of the turntable bridge, and each drive system uses a variable speed motor to achieve smooth start and stop functions and quiet operation. Provide automatic wheel gears and rotary locking devices, as well as open weatherproof control stations or closed operator control areas. It is mainly used for warehousing and repairing locomotives and turning locomotives.

RUNNING



90° TURN



CHANGE RAIL



MULTI-ANGLE DISPLAY



RAILWAY INSPECTION CART

Railway inspection cart, also known as light rail rail inspection vehicle, rail flaw detection transfer cart, subway high-speed rail rail inspection vehicle, railway electric transfer cart, electric platform vehicle equipped with flaw detector. It is used for the transportation of railway inspection instruments, the transportation of communication cable inspection instruments, the inspection of the railway bureau, and the inspection of the railway. This railway inspection cart adopts a lightweight design and is made of aviation ultra-light aluminum alloy, which is convenient for the cart to move up and down the rail. This cart adopts insulated wheels, which are safe and wear-resistant. It is a dual-purpose vehicle for public railways and can turn flexibly at will on public roads.

Load Capacity	500kg
Power Supply Mode	Lithium Battery
Function	Railway Track Maintenance Special Vehicle



LADLE TRANSFER CART

HIGH TEMPERATURE RESISTANCE

Ladle transfer cart is specially designed to transfer the high-temperature ladle. This kind of cart has strict requirements on safety and anti-high temperature, so the material, driving system and electrical parts of the cart should be specially designed.

Both the start and stop of the cart should be slow to prevent the molten steel and slag from running out of the ladle. The heat insulating material is used in the cart to resist the high temperature. Usually two motor are prepared, when one is damaged by the ladle's high temperature, the other can be used to continue the work.

LADLE TRANSFER CART SHOWING ALL CAN BE CUSTOMIZED



DUMPING LADLE CART

This kind of ladle cart can be tilted the ladle on a certain angle, which will pour out the molten steel from the ladle, there is electronic weighing scale system on the cart which can accurately scale the weight of molten steel to ensure safe production and improve production efficiency.



TURNING TRANSFER CARTS

The turning rail transfer carts are our company's patented products which can run on the rail 'S', arc-shaped, direct running with arc-shaped and so on. The turning radius is small and the turning is stable and flexible, Our superiority is that we don't use the traditional complex mechanical structure for the turning and controlling. The thing we do is to optimize structure of the driving parts. By this method, the cost can be greatly reduced, so does the maintenance work.



HYDRAULIC TRANSFER CART



THE HEIGHT CAN BE CUSTOMIZED

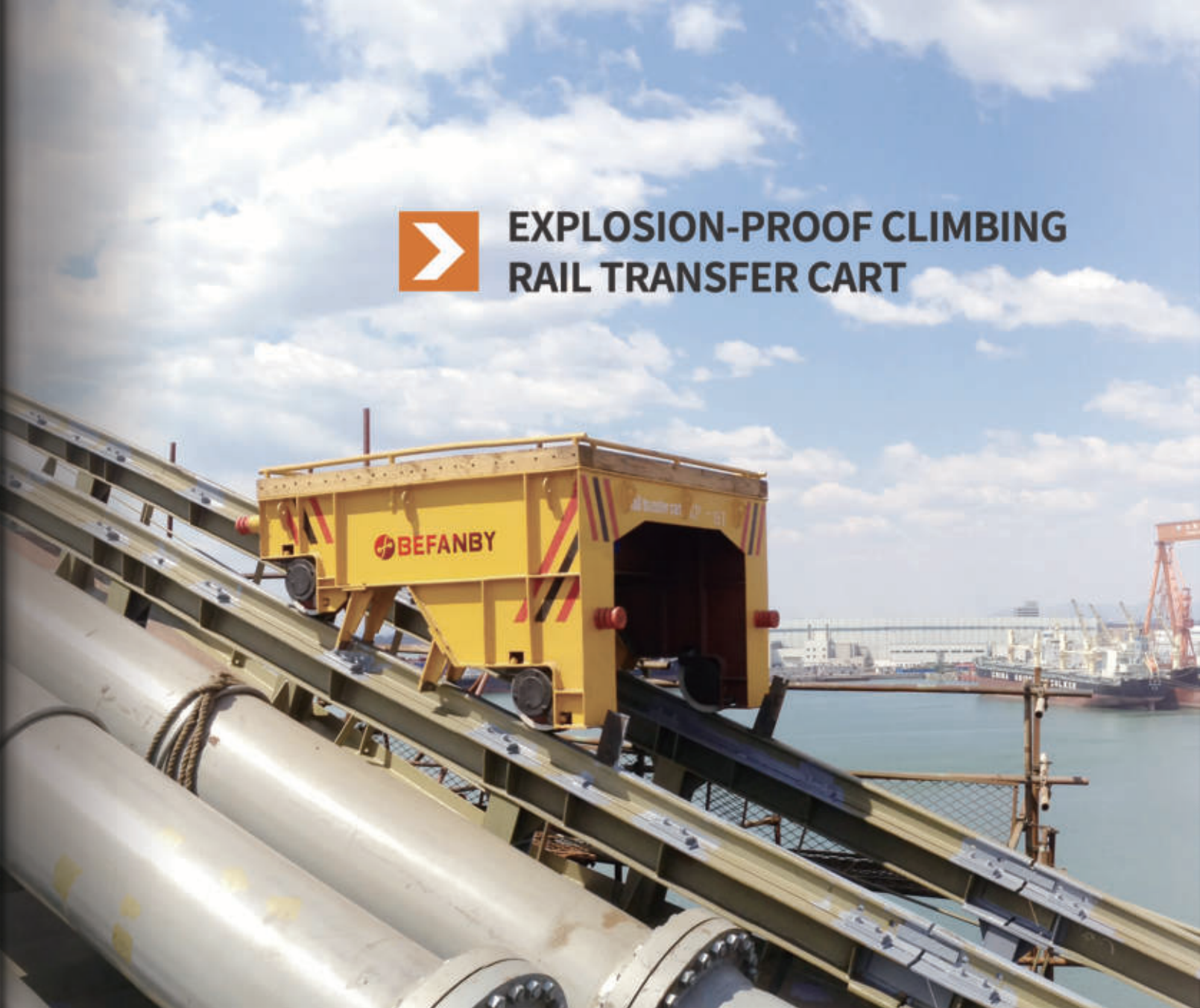


Hydraulic lifting transfer cart is a handling equipment with a hydraulic lifting device, which can raise the height of the lifting plate through the hydraulic cylinder, and then the workpiece is transported by the transmission belt to the designated assembly line or shelf.

Hydraulic lifting transfer cart is also a kind of multifunctional lifting and loading machinery and equipment. It has a hydraulic lifting platform system and has a variety of structures, such as scissor structure, fixed hydraulic column, etc., which is conducive to improving the platform lifting stability; expanding the operating platform is conducive to improving the carrying capacity. It is easy to operate and can be raised and lowered freely. The two sets transfer carts can lift the workpiece at the same time, or they can lift the workpiece separately. The height of the hydraulic lifting transfer cart can be designed according to the size provided by the customer.



EXPLOSION-PROOF CLIMBING RAIL TRANSFER CART



FERRY TRANSFER CART

The ferry transfer cart is made of two carts. The cart on the ground is used for ferry. This kind of cart is usually designed to go across a broad trench. The surface under the ground is parallel with the ground. The surface of the cart below is equipped with rails to connect the different rail on the ground so that the cart above can transport the materials to the different parallel rails.

OVER LONG TABLE SIZE ELECTRIC TRANSFER CART

Model	KPC-10t	Rail Gauge	16100mm
Capacity	10t	Working Speed	0-20m/min
Table Size	3200*16500*615mm	Power Source	Sliding Line



THE 'U' FRAME ELECTRIC TRANSFER CART



ULTRA-LOW TABLE TRANSFER CART

Load Capacity	4t	Running Distance	5m
Table Size	1900*2150mm	Running Speed	0-20m/min
Table Height	109mm	Power Supply Mode	Cable Power



The electric transfer cart which has the 'U' frame is specially designed to transport the cylindrical workpiece which is easy to roll and drop. The frame can be removed so that cart be used to transport other kind materials.



HORIZONTAL MOVEMENT RAIL TRANSFER CART

In general, it is suitable for the wide span of rail gauge, with dual drive, and matched with the control system customized by our company to ensure the synchronous operation of the motor.





RAIL AND ROAD TOW TRACTOR

Rail and road tow tractor refer to railway traction locomotives that can move on roads. They are relatively flexible and can switch routes through level crossings without having to go through several turnouts to achieve lane changes. It is mainly used in rescue work on railway lines, shunting and alignment operations on railway lines and marshalling stations in the factory area. It includes a guide device, a traction device, a braking device, a guidance system, a traction system and a vertical upper and lower rail device. The braking system of the tractor is a hydraulic front disc braking system, which realizes the functions of relief, stage braking and emergency braking. The tractor is flexible in operation, has high traction and high economic benefits.

TRANSFER CART WITH CONVEYER SYSTEM



Load Capacity	5t	Running Distance	50m
Table Size	6500*1750mm	Running Speed	0-20m/min
Table Height	550mm	Power Supply Mode	Low Voltage Rail Power

There are some rollers mounted on the cart table, the transfer cart's running realizes the junction between roller on transfer cart and other rollers. The electrical is full automation. The laser distance sensor check the stopping point, the accuracy is $\pm 1\text{mm}$, which ensure roller accurately junction and realize the intelligent operation.

DISPLAY OF REAL PHOTOGRAPHY



ANNEALING FURNACE TRANSFER CART

The cart is designed and manufactured base on the consider of annealing furnace application. The cart is made up of two carts: top cart and bottom cart, and these two cart's running direction are vertical. The bottom cart is used to connect the annealing furnace. The bottom cart rails are connected with the rails in annealing furnace after they are overturned. Overturned arm mounted on top cart is used to push and pull the equipment in furnace. This design avoid that the high temperature influences the electrical. Mobile rails and mobile overturning arm can automatically connect, which greatly increase the production efficiency.



SPECIAL ELECTRIC TRANSFER CART FOR BATTERY MOLTEN SALT ELECTROLYSIS

The whole cart consists of two sets, matching with molten salt electrolysis furnace, which is our company's patented product.





Load Capacity	10t
Table Size	6000*1000*600mm
Wheel Diameter	300mm
Running Speed	0-20m/min
Power Supply Mode	Battery Power
Operation Mode	Hand pendant
Feature	Welding steel pipe an antiseptic round steel rod
	There are roller structure on the table surface

ROLLER MOUNTED RAIL TRANSFER CART



ABRASIVE BLASTING TRANSFER CART

The abrasive blasting transfer cart is designed into dust-proof to avoid the abrasive going into the motor and the driving system. The frame of the cart is made of the welded profile steel. The reticular holes on the platform of the cart can easily let the abrasive dropping on the ground to make the blasting work convenient.

SPRAY BOOTH USING TRANSFER CART

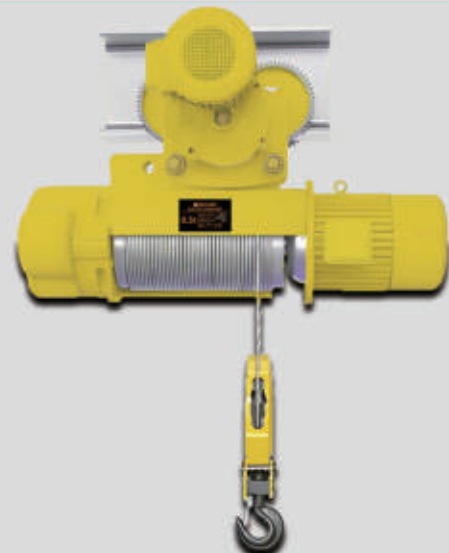


The working principle for the anti-high temperature electric rail transfer cart used in spray booth: when the whole cart runs into the spray booth, it is separated into two parts. The electric towing part runs out of the workshop which avoided the high temperature's influence to the motor, gear reducer and so on.



BEFANBY

Also Can Supply



20+ YEARS RAIL INSTALLATION EXPERIENCE

FREE PROVIDE RAIL
CONSTRUCTION AND INSTALLATION
DRAWINGS

Our company's rail installation department is a professional team with many years of experience in the installation of cranes and electric transfer carts. Among them, there are 6 peoples with 20 years of experience in track installation and 18 peoples with 9 years of experience. After constantly thinking, learning and summarizing the problems encountered in the installation of the rail, we have developed a variety of high-quality, high-efficiency rail installation methods for crane rails, electric transfer cart common rails, electric transfer cart insulation rails, etc. The rail installation period is shortened and the crane rail installation standard GB50278-2010 is fully complied with, providing 100% installation and commissioning for customers.



Global Marketing



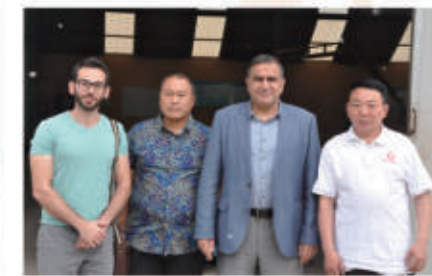
The company's products are mainly based on quality which has been a leader in material handling fields and has received good assessment in foreign countries. It is sold well in the world, with Russia, Singapore, the Netherlands, Thailand, Turkey, Nepal, Syria, Users in more than 60 countries such as South Africa and the Middle East have established long-term cooperative relationships and are widely involved in metallurgy, coal, electromechanical, heavy industry, shipbuilding, light industry and other enterprises.





COOPERATIVE CLIENT

In terms of material selection, the quality and price of the material itself should be considered to be the most cost-effective. We should control the first important key before the customer, exempt the customer from worries, when the customer visit factory our company management, technology, production process and products quality are highly valued and appreciated.



PACKAGE AND TRANSPORT

Our products not only have an aesthetically beautiful appearance which can further enhance the company's image and beautify the site. It is suitable for transportation in various environments, such as explosion-proof and high-temperature special occasions, not only to ensure the staff personal safety because the initial speed of each transfer cart is adjusted to be slightly slower than the walking speed of the person.

At the same time, the warning light is also provided free. As the running of the transfer cart keeps flashing and the warning sound is ringing, the accident is completely eliminated, and everything is for the user. Thought, efficiency, seriousness, good beginning and end to deal with quality issues.

1.FINISHED PRODUCT

2.PACKING INTERIOR

3.PACKING EXTERIOR

4.DELIVERY

5.REACH PORT

6.SEA TRANSPORTATION

PACKING
DELIVERY

PACKAGE AND TRANSPORT



AFTER-SALES SERVICE UNDERTAKING

We are committed to the load-bearing safety factor of the cart not less than 125%.

Free provide foundation drawing and design auxiliary device, free provide technical services, drawings and other documents, free installation and commissioning until you are satisfied.

Products from our factory are guaranteed with repairs and compensations with Three-Warranty After-Sale Service.

After received the user calls, letters, orally inform about product quality will reply within 4 hours, arrived in the scene within 48 hours, if emergency problems will arrived at the scene within 24 hours.

Free of charge to provide technical consulting, technical training, and solve the issues related to product.

Within warranty period (installation, commissioning, acceptance of qualified, signed and sealed within one year), the product is damaged due to quality problems or can not work properly, we will free of charge the repair or replacement; Out of warranty period, maintenance only charge the cost.

After the installation of the tendering product, the test will be run free according to the user's time, and help users to build the product running file.

High efficiency and serious handling of quality problems all the time. More after-service, you can click <Contact Us> to know more from professional technical engineer; You also can click <Download> to get the technical parameter document.