



**SHANTUI**  
VALUE THAT WORKS



**山推建友机械股份有限公司** 客服电话: 4006-188-199  
SHANTUI JANEEO MACHINERY CO.,LTD. Service Hotline: 4006-188-199

**山推工程机械股份有限公司** 控股子公司

销售电话(Domestic Sale): +86-531-89815377 / 国内电邮(Domestic E-mail): janeoo\_yxb@shantui.com  
外贸电话(Overseas Sale): +86-531-89815067 / 外贸电邮(Overseas E-mail): janeoo\_wmb@shantui.com  
配件电话(Accessory Sale): +86-531-89815077 / 配件电邮(Accessory E-mail): janeoobjb@126.com

传真 (Fax): +86-531-89815068 +86-531-89815268 邮编(Zip):250022  
地址: 山东省济南市段店南路268号 网址(website):www.janeoo.com  
Add: NO.268.Duandian South Road, Jinan,Shandong,China,P.R.



**SHANTUI - Janeoo**  
VALUE THAT WORKS



**工程专用混凝土搅拌设备**  
Engineering Concrete Mixing Plant



# 客户满意是我们的宗旨

WE AIM AT CUSTOMERS' SATISFACTION

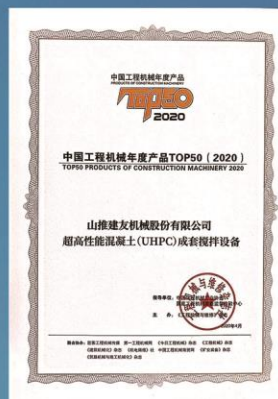
专精特新“小巨人”企业

中华人民共和国工业和信息化部  
2021年7月



山东省制造业单项冠军企业

山东省工业和信息化厅  
山东省工业经济联合会  
2021年1月



## 工程站

Engineering Concrete Mixing Plant

SHANTUI - Janeco 搅拌机械  
Mixing Machinery

## 高铁专用 / R系列 High-speed Railway Dedicated Concrete Mixing Plant



### R系列优点

- 1 模块化设计，拆装方便，转场快捷，场地布置灵活；
- 2 采用高效搅拌主机，生产效率高，配套多类投料工艺技术，适用各种混凝土拌制需求；
- 3 采用皮带机上料，性能稳定；配置骨料中储斗，设备生产率高；
- 4 粉料计量采用压式秤结构，计量精度高，安装方便
- 5 实现粗精称计量，计量精度高且稳定，满足高铁施工要求；
- 6 电控系统和气路系统配置高端，可靠性高。
- 7 电控系统采用分步式控制，现场工作方便、快捷。
- 8 电路、气路插头式设计，安装快捷；
- 9 集装箱式的外装修，拆装安全便捷，可重复利用；
- 10 双机双控，节省人工；

### Benefits of R Series

- 1 Modular design, faster to assemble and disassemble, quick work site transfer, land layout flexible;
- 2 Adopt efficient mixer, with high productivity, equipped with a variety of feeding technology, applicable to varieties of concrete mixing needs;
- 3 Belt conveyor loading type, with stable performance; Equipped with aggregate middle storage hopper, with high productivity;
- 4 Powder weighing scales adopt compression scale structure to ensure high measurement accuracy and convenient installation;
- 5 Fine measurement, high and stability measuring accuracy, can meets the requirements of the high-speed railway construction.
- 6 High-end air circuit and electric circuit configuration, high reliability.
- 7 The electronic control system is distributed which is convenient and fast on-site.
- 8 with plug design of the circuit and air channel, it is quick installation;
- 9 Container type cladding, safe and convenient to assemble and disassemble, can be used in cycle;
- 10 Double computer double control, save labor



高铁专用 / R系列 High-speed Railway Dedicated Concrete Mixing Plant



型号 Model		HZS060-5R	HZS090-5R	HZS120-5R	HZS180-5R	HZS240-5R	HZS270-5R
理论生产率 Theoretical productivity(m³/h)		60	90	120	180	240	270
搅拌主机 Mixer	型号 Model	JS1000-3B	JS1500-3B	JS2000-3B	JS3000-3B	JS4000-3B	JS4500-3B
	驱动功率 Driving power (kW)	2x18.5	2x30	2x37	2x55	2x75	2x75
	出料容量 (L) Discharge capacity	1000	1500	2000	3000	4000	4500
	骨料最大粒径(碎石/卵石mm) Max.Agg.size (Gravel/pebble)	≤60/80	≤60/80	≤60/80	≤60/80	≤60/80	≤60/80
配料仓 Agg.bins	仓容积 Volume (m³)	3x12	4x12	4x20	4x20	4x25	4x25
皮带机输送能力 Belt conveyor capacity (t/h)		200	300	400	600	800	800
称量范围及 计量精度 Scales capacity and accuracy	骨料 Aggregate (kg)	3x (1000±2%)	4x (1500±2%)	4x (2000±2%)	4x (3000±2%)	4x (4000±2%)	4x (4500±2%)
	水泥 Cement (kg)	500±1%	800±1%	1000±1%	1500±1%	2000±1%	2500±1%
	粉煤灰 Fly ash (kg)	150±1%	200±1%	400±1%	600±1%	800±1%	900±1%
	矿粉 Ore powder (kg)	150±1%	200±1%	300±1%	400±1%	500±1%	600±1%
	水 Water (kg)	200±1%	300±1%	400±1%	600±1%	800±1%	900±1%
	外加剂 Additive (kg)	20±1%	30±1%	40±1%	60±1%	80±1%	90±1%
卸料高度 Discharging height (m)		4.2	4.2	4.2	4.2	4.2	4.2
整机功率 Total power (kW)		100	150	200	250	300	300

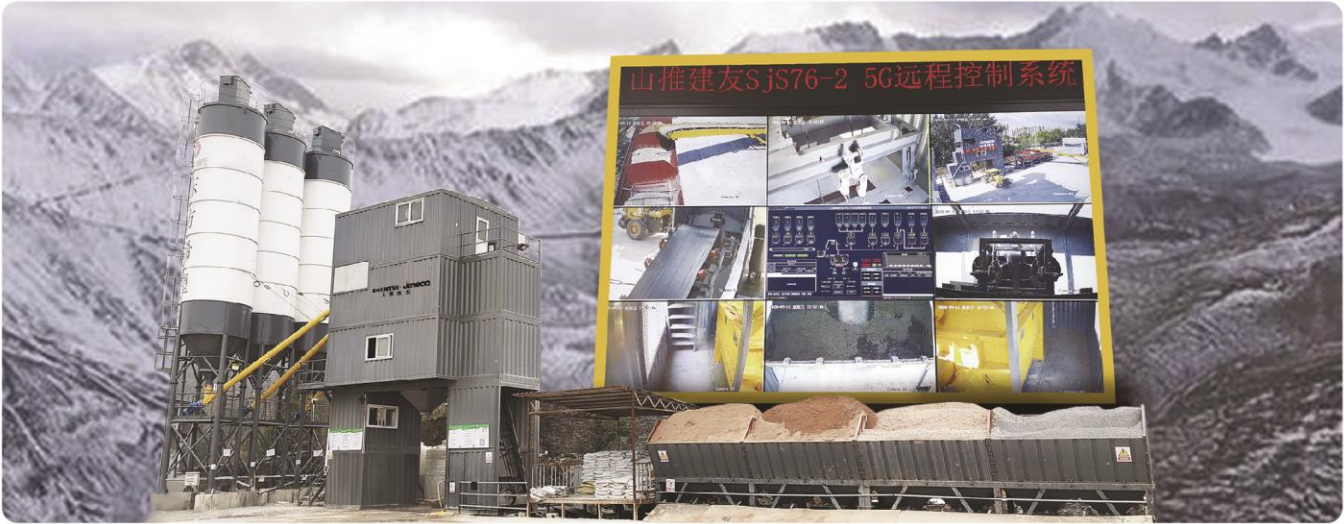
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山地型 / 5H系列

Mountain Type Concrete Mixing Plant



5H系列优点

- ①采用提升斗上料，占地面积小，结构简单，便于转场，操作维护方便；
- ②粉料计量采用压式秤结构，计量精度高，安装方便；
- ③电控系统采用分布式控制，现场工作方便、快捷。
- ④电控系统、气控系统关键元件采用进口品牌，性能安全可靠；
- ⑤具备反卷时间保护，双绳提升，上工作限位自检测功能

Benefits of 5H Series

- ① Foundation free structure, the equipment can be installed and production after the work site is flat and hardened. Not only reduce the foundation construction cost, but also shorten the installation period;
- ② Powder weighing scales adopt compression scale structure to ensure high measurement accuracy and convenient installation;
- ③ The electronic control system is distributed which is convenient and fast on-site.
- ④ The key components of the electronic control system and air control system adopt import brand which is safe and reliable;
- ⑤ It has backscrolling time protection and self-testable function with up limit switch and double rope lifting.

型号 Model		HZS090-5H	HZS120-5H	HZS180-5H
理论生产率 Theoretical productivity (m³/h)		90	120	180
搅拌主机 Mixer	型号 Model	JS1500-3B	JS2000-3B	JS3000-3B
	驱动功率 Driving power (kW)	2x30	2x37	2x55
	出料容量Discharge capacity (L)	1500	2000	3000
	骨料最大粒径(碎石/卵石mm) Max.Agg.size (Gravel/pebble)	≤60/80	≤60/80	≤60/80
配料仓 Agg.bins	仓容积 Volume (m³)	4x12	4x20	4x20
提升斗有效容积 Hoisting motor power (kW)		2.2	3.2	4.3
称量范围及计量精度 Scales capacity and accuracy	骨料 Aggregate (kg)	4x(1500±2%)	4x(2000±2%)	4x(3000±2%)
	水泥 Cement (kg)	800±1%	1000±1%	1500±1%
	粉煤灰 Fly ash (kg)	200±1%	400±1%	600±1%
	矿粉 Ore powder (kg)	200±1%	400±1%	600±1%
	水 Water (kg)	300±1%	500±1%	600±1%
	外加剂 Additive (kg)	30±1%	40±1%	60±1%
卸料高度 Discharging height (m)		4.1	4.2	4.2
整机功率 Total power (kW)		105	138	189

注：以上参数有可能变动，以产品为准！ All specification is subject to modification!

山地型 / 2H系列

Mountain Type Concrete Mixing Plant



2H系列优点

- ①采用提升斗上料，占地面积小，结构简单，便于转场，操作维护方便；
- ②粉料计量采用拉杆秤结构，稳定性好，抗干扰能力强；
- ③电控系统、气控系统关键元件采用进口品牌，性能安全可靠；

Benefits of 2H Series

- ① Skip hoist loading type, less land occupation, simple structure, quick work site transfer, convenient to operation and maintenance;
- ② Powder weighing scales adopt pull rod balance structure to ensure high measurement accuracy and strong anti-interference ability;
- ③ The key components of the electronic control system and air control system adopt import brand which is safe and reliable;

型号 Model		HZS025-2H	HZS040-2H	HZS050-2H	HZS075-2H
理论生产率 Theoretical productivity(m³/h)		25	40	50	75
搅拌主机 Mixer	型号 Model	JS0500-3B	JS0750-3B	JS1000-3B	JS1500-3B
	驱动功率 Driving power (kW)	18.5	2x15	2x18.5	2x30
	出料容量 (L) Discharge capacity	500	750	1000	1500
	骨料最大粒径(碎石/卵石mm) Max.Agg.size (Gravel/pebble)	≤60/80	≤60/80	≤60/80	≤60/80
配料仓 Agg.bins	仓容积 Volume (m³)	4	4	8	8
卷扬电机功率 Hoisting motor power (kW)		5.5	7.5	18.5	22
称量范围及计量精度 Weighing range & accuracy	骨料 Aggregate (kg)	1500±2%	1500±2%	4x(1000±2%)	4x(1500±2%)
	水泥 Cement (kg)	300±1%	500±1%	500±1%	800±1%
	粉煤灰 Fly ash (kg)	—	—	150±1%	200±1%
	水 Water (kg)	150±1%	200±1%	200±1%	300±1%
	外加剂 Additive (kg)	20±1%	20±1%	20±1%	30±1%
卸料高度 Discharging height (m)		4.1	4.1	4.1	4.1
整机功率 Total power (kW)		57	70	105	130

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# 移动式搅拌站

## Y 系列

### MOBILE CONCRETE MIXING PLANT



**运输状态**  
Transportation status

**工作状态**  
Working status

## Y系列优点

- ① 拆装方便，转场机动性能高，方便快捷，场地适应性强；
- ② 结构紧凑合理，模块化程度高；
- ③ 操作清晰明朗，性能稳定；
- ④ 占地面积小，生产效率高；
- ⑤ 电气系统和气路系统配置高端，可靠性高。

## Benefits of Y Series

- ① Convenient and quick to assemble and disassemble, rapid and efficient removal, perfect work site adaptability;
- ② Compact and reasonable structure, high modularity design;
- ③ Operation is clear and stable;
- ④ Less land occupation, high productivity;
- ⑤ High air circuit and electric circuit configuration, high reliability.



骨料配料  
Aggregate dosage



粉料计量秤  
Powder weighing scales



斜皮带机  
Inclined belt conveyor



提升斗上料  
Skip hoist feeding typ



提升斗  
Skip hoist



计量  
Weighing scales

型号 Model		HZS025-3Y	HZS040-3Y	HZS050-3Y	HZS075-3Y	HZS100-3Y
理论生产率 Theoretical productivity (m³/h)		25	40	50	75	100
搅拌主机 Mixer	型号 Model	JS0500-3B	JS0750-3B	JS1000-3B	JS1500-3B	JS2000-3B
	驱动功率 Driving power (kW)	18.5	2x15	2x18.5	2x30	2x37
	出料容量 (L) Discharge capacity	500	750	1000	1500	2000
	骨料最大粒径(碎石/卵石mm) Max.Agg.size (Gravel/pebble)	≤60/80	≤60/80	≤60/80	≤60/80	≤60/80
配料仓 Agg.bins	仓容积 Volume (m³)	4x4	4x4	4x8	4x8	2x12
卷扬电机功率 Hoisting motor power (kW)		5.5	7.5	300	300	—
称量范围及计量精度 Weighing range & accuracy	骨料 Aggregate (kg)	1500±2%	1500±2%	2000±2%	3000±2%	4000±2%
	水泥 Cement (kg)	300±1%	400±1%	500±1%	800±1%	1000±1%
	水 Water (kg)	150±1%	200±1%	200±1%	300±1%	300±1%
	外加剂 Additive (kg)	20±1%	20±1%	20±1%	30±1%	30±1%
卸料高度 Discharging height (m)		3.8	3.8	4.0	4.0	4.1
整机功率 Total power (kW)		40	49	68	94	147

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# 海工搅拌站 SEA CONCRETE MIXING PLANT C/P 系列

## 工程站 - 船载式 / C系列

## Shipboard Concrete Mixing Plant



### C系列优点

- ① 专门用于船舶上搅拌的混凝土设备，该设备集物料储存、计量、搅拌于一体，计量精度高，生产效率高；
- ② 设备与船体一体结构，船舶稳性高，设备运行可靠；
- ③ 计量秤采用拉杆平衡秤结构，可保证船舶摇摆状态下的计量精度；
- ④ 配备大储量骨料、粉料储仓，一次上料可满足生产250~1000m³混凝土的生产；
- ⑤ 骨料仓配备活动舱盖，满足雨雪天气正常施工。

### Benefits of C Series

- ① With high measuring accuracy and productivity, the concrete mixing plant is exclusively used on ship which can store, measure and mixing;
- ② The concrete mixing plant is an integrated structure with the ship which can make sure its high stability;
- ③ The measuring scale adopts pull rod balance structure which can make sure the measuring accuracy in ship swaying;
- ④ It has the big aggregates and powder bins and can produce 250~1000m³ concrete at one time;
- ⑤ The aggregates bins have the mobile cover which can make sure the normal work in rain and snow.

型号 Model		HZS060-3C	HZS090-3C	HZS120-3C	2HZS120-3C	HZS180-3C	HZS240-3C
理论生产率 Theoretical productivity(m³/h)		60	90	120	120	180	240
搅拌主机 Mixer	型号 Model	JS1000-3B	JS1500-3B	JS2000-3B	2xJS1000-3B	2xJS1500-3B	2xJS2000-3B
	单机驱动功率 Single driving power (kW)	2x18.5	2x30	2x37	2x18.5	2x30	2x37
	出料容量 (L) Discharge capacity	1000	1500	2000	1000	1500	2000
	骨料最大粒径(碎石/卵石mm) Max.Agg.size (Gravel/pebble)	≤60/80	≤60/80	≤60/80	≤60/80	≤60/80	≤60/80
配料仓 Agg.bins	石仓容积 Stone volume (m³)	2x150	2x150	2x300	2x300	2x300	2x600
	砂仓容积 Sand volume (m³)	200	200	400	400	400	800
	粉料仓 Powder volume (m³)	100	100	200	200	200	400
皮带机输送能力 Belt conveyor capacity (t/h)		200	300	400	200	300	400
称量范围及 计量精度 Scales capacity and accuracy	骨料 Aggregate (kg)	3x(1000±2%)	3x(1500±2%)	3x(2000±2%)	6x(1000±2%)	6x(1500±2%)	6x(2000±2%)
	水泥 Cement (kg)	500±1%	800±1%	1000±1%	500±1%	800±1%	1000±1%
	粉煤灰 Fly ash (kg)	200±1%	300±1%	400±1%	200±1%	300±1%	400±1%
	水 Water (kg)	200±1%	300±1%	400±1%	200±1%	300±1%	400±1%
	外加剂 Additive (kg)	20±1%	30±1%	40±1%	20±1%	30±1%	40±1%
	当船倾斜6° 时仍能满足以上精度 It can satisfy the precision when the ship tilted 6°						
卸料高度 Discharging height (m)		2.2	2.2	2.2	2.2	2.2	2.2
整机功率 Total power (kW)		100	150	200	200	300	400

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# 工程优 用建友

JANEEO OPTIMIZE YOUR MIXING

Russia  
俄罗斯

China  
中国

Mexico  
墨西哥

Kazakhstan  
哈萨克斯坦

India  
印度





## 核心部件 The Core Components

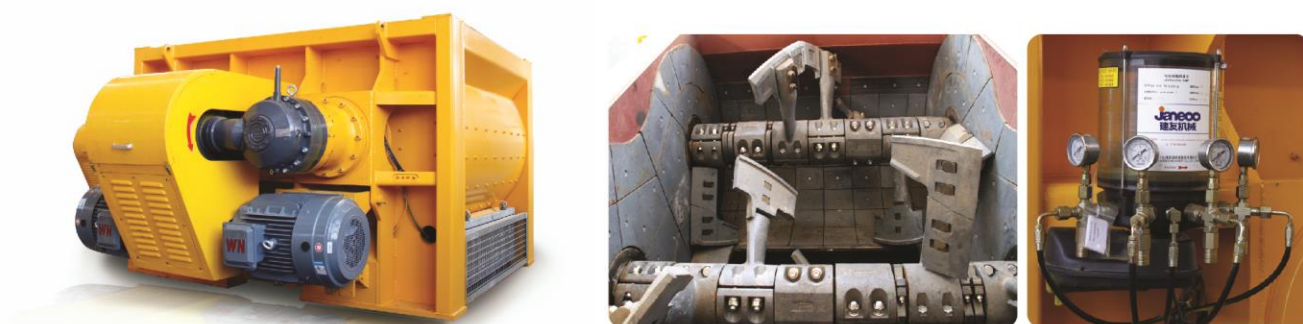
### ① 集装箱式外封装 Container Type Outer Shell



1. 设备外封装框架之间采用螺栓连接，转场可重复利用，降低用户使用成本。
2. 外封装安装时，每层封装与主体安装同步进行，安装方便快捷。
3. 设备每层安装均在地面进行，吊至高空后无室外作业，安装安全性高。
4. 抗风等级高。

1. The outer shell is connected by bolt and can be used again which can save the cost.
2. Each outer shell is installed with the main body at the same time which is easy and quick.
3. Each layer installation is done on the ground and there is no need to work in the high which has high safety.
4. High wind resistance.

### ② 标准双卧轴搅拌主机 Standard Double Horizontal Shaft Mixer



1. 轴端采用模块化设计，具有多重密封保护，有效杜绝漏浆发生。
2. 衬板和叶片采用高铬耐磨铸铁加厚设计，耐磨性和抗冲击性好。
3. 卸料装置可选配气动或液压，具有手动开门功能。
4. 搅拌装置可根据混凝土拌制要求，采用各种布置形式，满足各种高性能混凝土拌制要求。

1. The shaft end adopts modular design, with multiple sealing protection, effectively preventing the occurrence of slurry leakage.
2. Thickening design of high-chromium wear-resisting cast iron is adopted for lining board and blade, with good abrasion resistance and impact resistance.
3. Pneumatic or hydraulic unloading device is optional, with manual door opening function.
4. According to the mixing requirements of concrete, the mixing device can be arranged in various forms to meet the mixing requirements of high-performance concrete.

### ③ 精准计量系统 Precision Measurement System



1. 骨料计量：骨料计量采用双门粗精称计量和抖动计量技术，实现骨料的高精度计量。
2. 粉料计量：独有的压式秤，秤体稳固保证计量稳定；搭配螺母螺旋，实现粉料的粗精计量。
3. 水/外加剂计量：水/外加剂计量设置储液包等精计量装置，实现水/外加剂的粗精计量。

综以上措施计量精度可达：砂石料、粉料 $\pm 1\%$ ，水、外加剂 $\pm 0.4\%$ ，持续引领行业。

1. Aggregate measurement: The aggregate measurement adopts double-door coarse and fine weighing measurement and jitter measurement technology, realizing high-precision measurement of aggregates.
  2. Powder metering: the unique pressure type scale, the scale body is stable to ensure stable metering; with the screw and mother screw, it can realize the coarse and fine metering of the powder.
  3. Water/additive metering: Water/additive metering is equipped with precision metering devices such as a liquid storage bag to achieve coarse and precise metering of water/additives.
- The measurement accuracy of the above measures can reach:  $\pm 1\%$  for sand and gravel materials, and  $\pm 0.4\%$  for water and admixtures, continuing to lead the industry.

### ④ 骨料配料系统 Reliable Aggregates Batching System



1. 大容量骨料仓，上部设置筛网，防止超规格物料进入系统，确保设备可靠运行。
2. 优化设计的偏心卸料门，防止砂石料卡滞，实现料门的可靠开启及闭合。
3. 卸料口处设置料门调整装置，改变配料下料口口径，实现下料流量的调整。
4. 振动破拱采用铰接衬板结构，有效防止砂仓起拱，适用于含泥量及含水量较大的物料。

1. Avoiding the oversize aggregate, there is screen on the large aggregate storage bin in order to ensure the reliable operation.
2. The unique eccentric discharging gate makes sure that there is no sand stuck and the discharging gate can open and close reliably.
3. The discharging gate has adjusting device to change the discharging size and adjust the discharging quantity.
4. The vibrating arch-destroying adopts the hinge joint plate structure and effectively prevents arch camber. It applies to silt content and water content material.



## 核心部件 The Core Components

### 5 皮带机输送系统 Maintenance With Belt Conveyor System



- 1.主楼除尘采用脉冲除尘器（带风机），有效提高除尘效果。
- 2.斜皮带机设置接料板及多处溜槽，撒落物料集中收集，清理更加方便。
- 3.斜皮带机采用外置式减速电机，维护更加方便。



- 1.The main building adopts pulse dust collector with fan to improve the dust removal effect effectively.
- 2.The inclined belt conveyor has collecting plate and many downspoutings so that it is easy to clean.
- 3.There is external gear motor on the inclined belt conveyor which is easy to maintain.

### 6 气控系统 Pneumatic System



- 1.配备大排量空压机及储气罐，运行更加平稳。
- 2.选用高品质气动元件，性能更加可靠。



1. Equipped with large displacement air compressor, the operation is more stable.
2. With the high quality of pneumatic element, the performance is more reliable.

### 7 高铁应用技术 High-speed Rail Technology

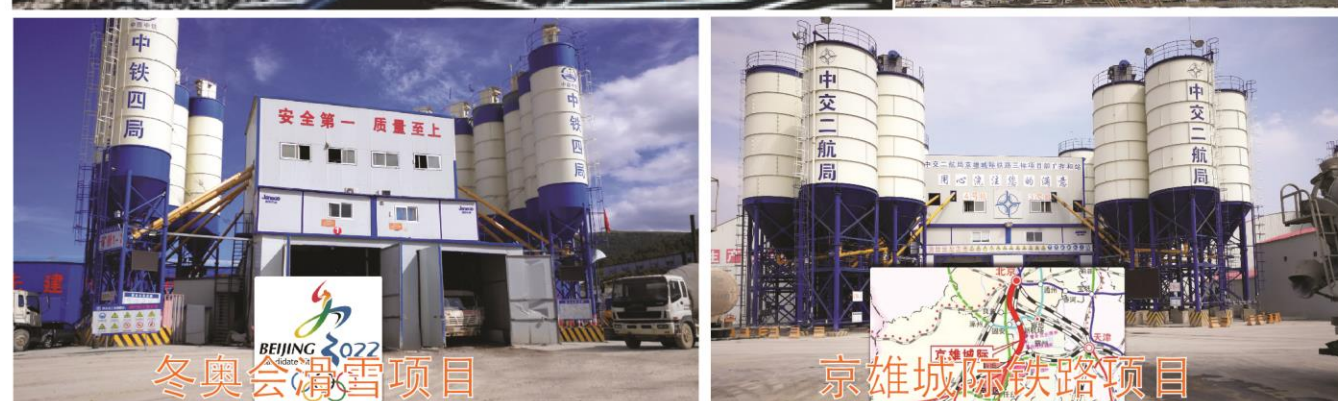


- 1.生产控制软件采用国内最先进的自动补秤、扣秤技术，保证各种原材料计量精度满足高铁施工技术要求。
- 2.全密封的弧形骨料中储仓卸料门，满足高铁二次投料搅拌工艺。
- 3.所有物料计量均可实现粗精称计量，满足高铁施工要求。

- 1.Siemens IPC as a platform, production control software using the most advanced automatic fill scales, scales buckle technology to ensure the accuracy of measurement of various raw materials to meet the technical requirements for high-speed rail construction.
2. The sealed arc discharging gate of aggregate storage bin is suitable for the secondary material mixing techniques in high speed railway.
3. All materials can be measured roughly and accurately to meet the requirements of high-speed railway construction.



## 工程案例 Project



## 生产工艺 Manufacturing Technique



数控机床 CNC Machine Tool



焊接机器人设备 Welding Robot Machine



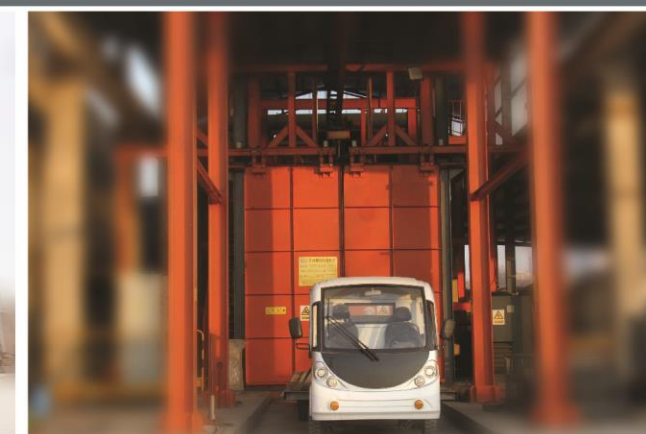
自动化喷涂生产线



Automated Coating Line



光氧装置 Photo Oxygen Device



自动化抛丸生产线 Automatic Shot Blasting Line



光谱分析仪 Spectrograph



进口三坐标测量机 Coordinate Measuring Machine



绝对关节臂 Absolutely Articulated Arm



## 产品备件供应系统

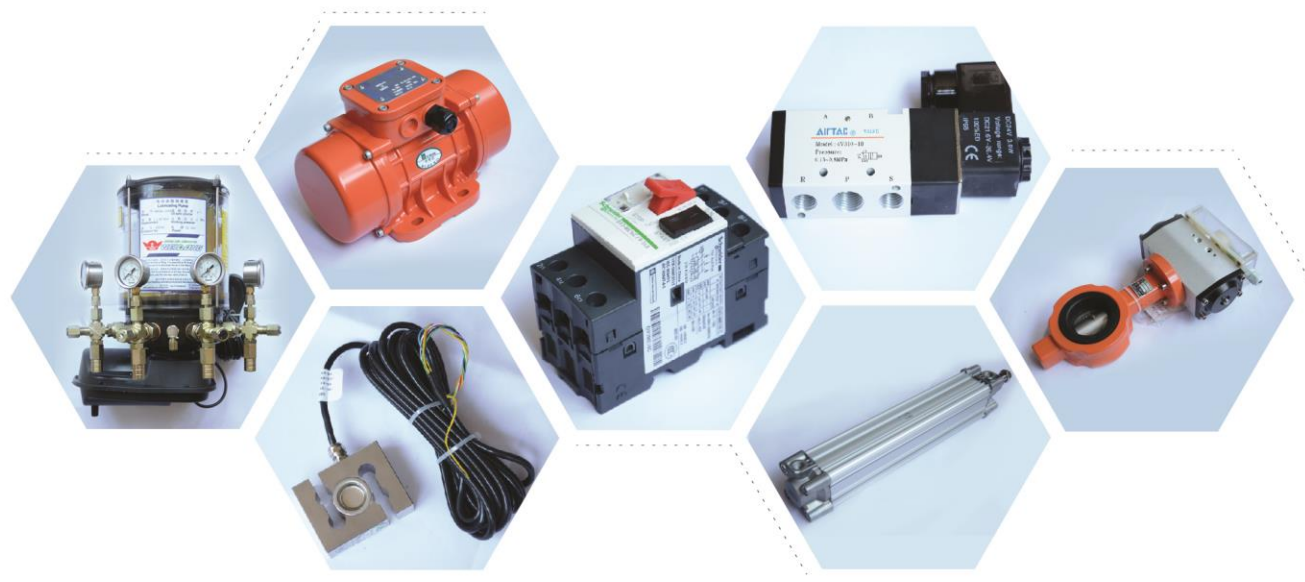
## Spare Parts Supply System

专注工程机械搅拌站行业 66 年，本着为用户提供“质量合格”的纯正配件，“保姆式服务”的经营理念，以满足客户需求为宗旨，以提供优质产品和服务为己任。

- ① 拥有完善的配件供应系统，强大的配件仓库，为用户及时解决设备问题，确保工程顺利完成；
- ② 专注旧站升级改造解决方案，彻底解决旧站运行中遇到的：设备产量低，生产效率不高，计量不准，生产成本低，环保不达标、微机系统不能满足生产需求等难题，进一步满足高端客户对设备性能、环保的要求，为客户创造更多价值。

## 原装配件

## Original Accessories



## 设备改造

## Equipment Modification



## 服务关怀

## Service with Care

## 山推服务，时时处处

山推建友以“为客户创造价值”为最高宗旨，为客户提供最佳施工解决方案以及专家级保姆式服务，专业赢得信任，服务共创未来！

Shantui service, anytime, anywhere

Pursuing the ultimate goal of “creating value for customers”, Shantui Janeoo is committed to provide our customers with the best construction solution and expert “nanny” service. We aim to win trust through our advanced expertise and create a brighter future through our first-rate services!

## 矩阵式服务网络

30多个海外售后服务网点，80多个海外售后服务工程师组成的营销服务网拥有完善的备件供应系统，为客户提供纯正备件和每周7X24小时的周到服务

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## Matrix Service Network

We have established more than 30 service networks including 80 after-sales service engineers for overseas market. We have perfect spare parts supply system and our service is available at 7x24 hours every week.

## Comprehensive Training System

Our service engineers will provide customers with free technical advices and centralized training.

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Service hotline  
400-618-8199

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