

【 The products are continuous improvement, if specifications improved, not for prior notification. 】



UNIQUE TECH

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混凝土搅拌站
CONCRETE MIXING PLANT
SERIES PRODUCTS 系列产品

UNIQUE 优科

ZhengZhou Unique Industrial Equipment Co.,Ltd

have been dedicated in industrial machinery for many years , UNIQUE brand is recognized by high quality , consummate service in the world .



人 与 自 然 合 谐 共 生

**Step on customer requirement ,
UNIQUE is growing step by step!**

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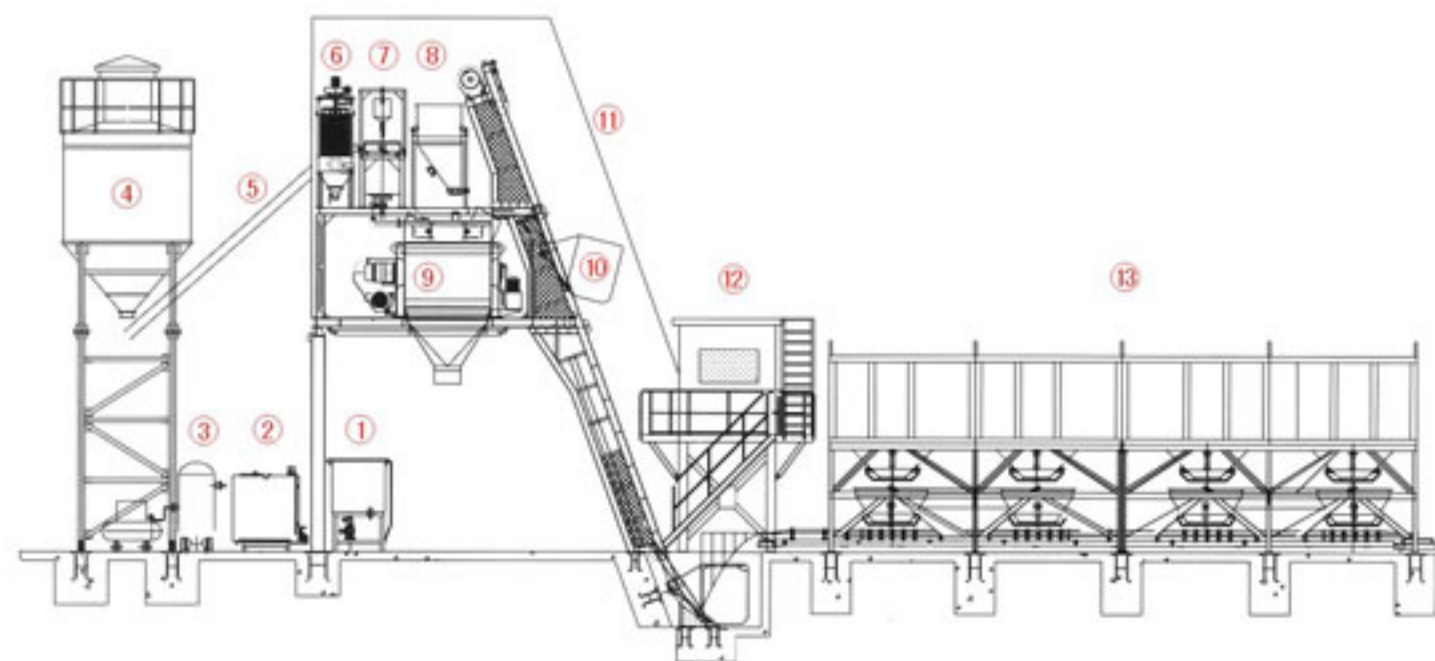
19/20 JZC、JZM系列混凝土搅拌机
JZC、JZM series concrete mixers



HZS系列斗提式混凝土搅拌站

HZS series hopper lift type concrete mixing plants

型号 Type	生产率 (m³/h) Productivity	主机型号 Type of mixer	主机容量 (m³) Volume of mixer	配料及型号 Type of Batching plant	计量精度 (%) Batching accuracy				卸料高度 (m) Discharging height
					骨料 Aggregate	水 Water	水泥 Cement	外加剂 Additive	
HZS25	25	JS500	0.5	PLD800	≤ ±2	≤ ±1	≤ ±1	≤ ±1	3.8
HZS35	35	JS750	0.75	PLD1200-III	≤ ±2	≤ ±1	≤ ±1	≤ ±1	3.8
HZS50	50	JS1000	1	PLD1600-III	≤ ±2	≤ ±1	≤ ±1	≤ ±1	3.8
HZS75	75	JS1500	1.5	PLD2400Q-III	≤ ±2	≤ ±1	≤ ±1	≤ ±1	3.8
HZS100	100	JS2000	2	PLD3200-IV	≤ ±2	≤ ±1	≤ ±1	≤ ±1	3.8
HZS150	150	JS3000	3	PLD4800	≤ ±2	≤ ±1	≤ ±1	≤ ±1	3.8



- | | | | |
|-----------|---------------------------------|--------------|---------------------------------------|
| 1、供水系统 | water supply system | 7、液剂计量系统 | liquid material batching system |
| 2、外加剂供给系统 | additive supply system | 8、主机除尘系统 | dust cleaning system |
| 3、供气系统 | air supply system | 9、搅拌主机 | mixer |
| 4、粉料储存系统 | powder material storage system | 10、骨料上料系统 | aggregate feeding system |
| 5、粉料输送系统 | powder material convey system | 11、环保外包装 | protective cover of equipment |
| 6、粉料称量系统 | powder material batching system | 12、控制系统 | control system |
| | | 13、骨料储存及称量系统 | aggregate storing and batching system |



HZS系列斗提式混凝土搅拌站
HZS series hopper lift type concrete mixing plants



HZS系列斗提式混凝土搅拌站
HZS series hopper lift type concrete mixing plants



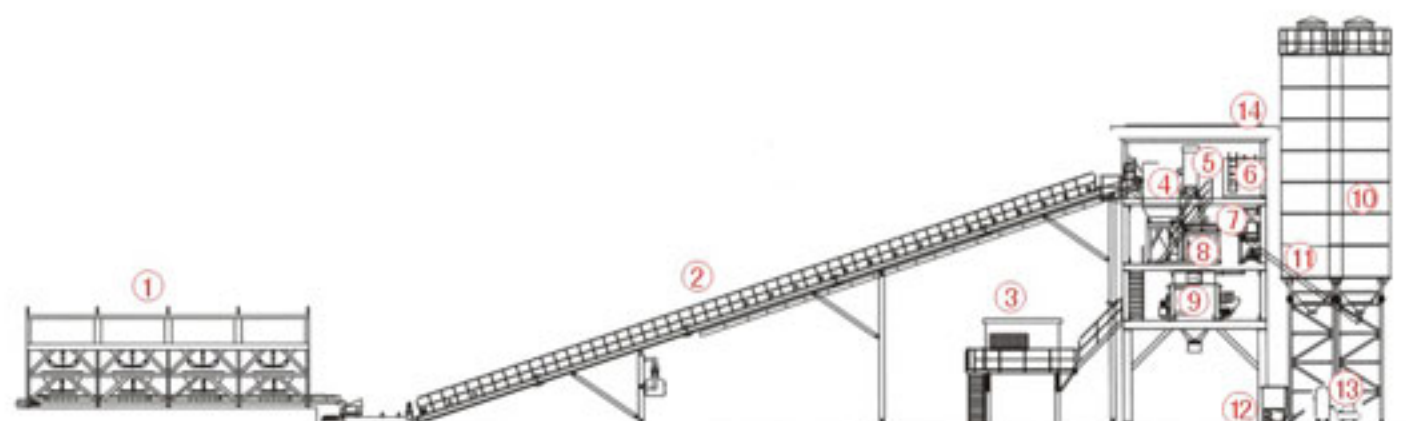
HZS系列斗提式混凝土搅拌站
HZS series hopper lift type concrete mixing plants



HZS系列皮带输送式混凝土搅拌站

HZS series belt conveyor type concrete mixing plants

型号 Type	生产率 (m³/h) Productivity	主机型号 Type of mixer	主机容量 (m³) Volume of mixer	配料及型号 Type of Batching plant	计量精度 (%) Batching accuracy				卸料高度 (m) Discharging height
					骨料 Aggregate	水 Water	水泥 Cement	外加剂 Additive	
HZS60	60	JS1000	1	PLD2400-III	≤ ±2	≤ ±1	≤ ±1	≤ ±1	3.8
HZS90	90	JS1500	1.5	PLD2400-III	≤ ±2	≤ ±1	≤ ±1	≤ ±1	3.8
HZS120	120	JS2000	2	PLD3200-IV	≤ ±2	≤ ±1	≤ ±1	≤ ±1	3.8
HZS150	150	JS3000	3	PLD4800	≤ ±2	≤ ±1	≤ ±1	≤ ±1	3.8
HZS180	180	JS3500	3.5	PLD5600	≤ ±2	≤ ±1	≤ ±1	≤ ±1	3.8
HZS200	200	JS4000	4	PLD6400	≤ ±2	≤ ±1	≤ ±1	≤ ±1	3.8



- 1、骨料配料系统 aggregate batching system
- 2、骨料输送系统 aggregate convey system
- 3、控制系统 control system
- 4、骨料储存系统 aggregate storage system
- 5、主机除尘系统 mixer dust cleaning system
- 6、外加剂供给系统 additive supply system
- 7、液剂称量系统 liquid material batching system

- 8、粉料称量系统 powder material batching system
- 9、搅拌主机 mixer
- 10、粉料储存系统 powder material storage system
- 11、粉料输送系统 powder material convey system
- 12、供水系统 water supply system
- 13、供气系统 air supply system
- 14、保外包装 protective cover of equipment



HZS系列皮带输送式混凝土搅拌站
HZS series belt conveyor type concrete mixing plants



HZS系列皮带输送式混凝土搅拌站
HZS series belt conveyor type concrete mixing plants



HZS系列皮带输送式混凝土搅拌站
HZS series belt conveyor type concrete mixing plants



优科工业设备有限公司已有十几年建筑机械的生产经验，具备了较强的生产能力。优科工业设备有限公司根据市场和用户的需要研制的HZS系列混凝土搅拌站，引进了欧洲等国家的先进技术。我公司生产的螺旋输送装置、水秤加压原理、配料机的称量装置等曾先后获得国家专利，技术性能达到国内同类产品的领先水平；它适用于商品混凝土及各种建筑工程中的混凝土施工，包括水利、电力、铁路、公路、隧道、桥涵、港口码头及国防工程等，适用范围十分广泛。可搅拌干硬性混凝土、塑性混凝土、流动性混凝土、轻骨料混凝土及各种砂浆等。各种物料均为电子秤独立计量，配料精度高，能够保证建筑所需的混凝土质量。该站具有全自动、半自动和手动等多种操作方式，自动化程度高，极大地降低了工人的劳动强度，提高了生产率。按结构形式可分为斗提式和皮带机式。

Zhengzhou Unique Industrial Equipment Co. Ltd had several years' experience of building machinery production, has had the strong productivity. According to the market and the user's need, Zhengzhou Unique Industrial Equipment Co. Ltd has developed the concrete mixing plant of HZS series, has introduced the vanguard technologies from Europe and so on. Our company's screw feed way, the principle for the hydrostatic balance pressurized, the weighing installment in the ingredient machine and so on, once successively obtained the national monopoly, the technical performance achieved the leading level in the domestic similar product; it is suitable for the commodity concrete and concrete construction in each kind of architectural project, including the water conservancy, the electric power, the railroad, the road, the tunnel, the arch of bridge, the harbor-wharf and the national defense-project and so on, the applicable scope is extremely wide spread. Mixing the hard concrete, plastic concrete, liquid concrete, and various other lightweight aggregate concrete. All materials are electronic scale with independent measurement, high ingredients precision to ensure all necessary quality of concrete in construction. The station has various operational modes as fully automatic, semi-automatic and manual and so on, a high degree of automation. Greatly reduced the labor intensity and improves the productivity. According to the structural styles, divides into the commodity concrete mixing plant of bucket type and belt conveyor type.



T 双卧轴搅拌主机 win shaft concrete mixer

双卧轴强制式搅拌机搅拌能力强，搅拌质量均匀，生产效率高。对于干硬性、半干硬性、塑性及各种配比的混凝土搅拌效果好。

润滑系统、传动系统均采用知名品牌，开门机构可根据需要调整卸料门开度。

搅拌主机采用防粘连技术，有效防止水泥浆在搅拌轴上结块，轴端密封采用多重密封结构，有效防止灰浆泄漏及保证整个搅拌系统的持续长久运行。

冲洗系统采用高压水泵手动控制，各出水孔位于搅拌主轴斜上方，提高了搅拌的效率，增加水雾、减小粉尘污染及有效清除水泥结块。

搅拌叶片采用独特的高硬度、高韧性耐磨合金材料，极大地提高了搅拌主机的可靠性能。

水进入搅拌机通过增压泵加压喷射，使水更快与拌料混合，且清洗更彻底。

The twin shaft concrete mixer has strong mixing ability, the mixing quality is even, and the production efficiency is high. Regarding to dry-and-hard, half of the dry-and-hard, plastic and each kind of the allocated proportion concrete, the mixing effect is good.

The lubrication system, and the transmission system use the well-known brand, the dooropen organization can adjust the opening of the ex-denning gate according to the need. The twin shaft concrete mixer uses the technology against the adhesion, effectively prevents the cement mortar to agglomerate on mixing shaft, the shaft terminal seal uses the multiple seal structure, effectively prevents mortar divulging and guarantees the entire mixing system continuing to word for a long time.

The flushing system uses the high-pressured water pump with hand-control, all exhalant pores are located above the main mixing shaft. Enhances the mixing efficiency, increased the mist, reduces the dust-pollution and effectively eliminates the cement agglomerated.

The mixing blade uses the unique high-hardness, the tough-antifriction metal material, enhances the reliable performance of the main engine enormously.

The water enter the mixer to pressurize spraying through the booster pump, it causes the water quickly to mix with the material, also the clean is thorougher.



T 搅拌主楼 he mixing building

搅拌主楼采用型钢作为主梁，结构稳定可靠，防风抗震能力强。楼内的电缆布置采用专用布线槽，外观整洁美观又利于保护电缆。外封采用那个压型单板或泡沫夹芯板，美观大方，保温隔热，以适用北方寒冷天气。

The mixing building uses the section to take the king beam, the structure is reliable, windproof and earthquake-resistance ability is strong. In the building the arrangement to electric cable used the special-purpose wire way, the appearance is neat and protects the electric cable. The outside seals used the profiling veneer or the froth sandwich, the elegant appearance, the heat preservation, adapts the cold weather in the north.



T 骨料配料及输送装置

The aggregate ingredient and transports sets

骨料输送斜胶带机负责将骨料送到过渡储料仓，斜胶带机采用重锤张紧，工作可靠，输送角度小于等于20度，也可采用人字型、槽型胶带或斗式提升机上料，输送角度大于20度，以减少占地面积。倾翻式提升机采用变速卷筒，用机械的方法实现了电器控制上的降压启动，既提高了生产率又提高了设备的可靠性。

骨料配料系统可根据需要设有2-5个骨料储料斗，骨料仓下部为骨料称量斗和骨料卸料胶带机。骨料储料仓可设计成钢结构、地仓或半地仓式。用皮带机、装载机或抓斗等形式向骨料储料斗。砂仓下部可选配沙含水率测量仪。

The aggregate transports machine is responsible to deliver the aggregate to the store bunker, the slanting adhesive tape machine uses the steelyard to tighten, the work is reliable, and the transportation angle is no more than 20 degree. Also may use the herringbone, the grooved adhesive tape or the bucket elevator to charge, the transportation angle is more than 20 degree, reducing the area.

The pour-out elevator uses the speed-change reel, has realized appliance control, enhanced the productivity and the equipment reliability.

The aggregate ingredient system may be equipped with 2-5 aggregate storage bins according to the need, in the lower part of the bone bunker there is the aggregate weighing with the aggregate ex-denning adhesive tape machine. The aggregate store-bunker may be designed using the steel structure, the form of the warehouse or half-warehouse. Using belt fastener, loader or grab to send the aggregate to the storage bin. In the lower part of the warehouse may select and match the sand-moisture content measuring instrument.



A 准确的计量系统

Accurate measurement system



无论是骨料、粉料、水剂等称量系统，其称量、控制、信号转换等元件均采用国内知名品牌或进口元件，高精度的传感器，微机控制，各称单独称量（或累计称量），完全保证计量的准确且工作性能稳定。



配料机每个部位的称量吊挂装置设有调节装置，以保证不同接触点的绝对水平，卸料系统采用气动扇形门卸料，无卡料漏料现象，卸料速度快，节能环保。

配料机、水采用快慢配电阀控制，动作迅速，保证称量精度。

Regardless of the aggregate, the powder, the water weighing systems and so on, its weighing, control, signal transformation uses the domestic well-known brand or the import parts, the high accuracy sensor, the microcomputer control, various scales independently weighing (or accumulation weighing), guaranteed completely the accurate measurement also the stable operating performance.

Each spot weighing erecting of the ingredient machine is equipped with the adjusting device, guaranteed the absolute level in the different contact points, the ex-denning system uses the air-operated fan-shaped gate to charge, has no-check material and no-leaks material phenomenon, the ex-denning speed is quick, the conservation of the energy and the protection of the environmental. The ingredient machine, the water use the solenoid-valve control to match the speed, the quick-moving, the guarantee of weighing precision.

G 良好地维护性能

Good maintenance performance

整套设备的保养及维修部位设有平台或检修梯，方便检查与维修操作。

采用上部封闭式皮带机，下部设有溢料出口，能有效防止粉尘及砂石四处散落。

皮带机采用重锤张紧结构，免除了生产过程中的调整作业。环形皮带结合处硫化粘接，使用寿命比普通的铆接增长2-3倍。

The complete equipment with the good maintenance with the good maintenance and the service spot is equipped with the platform of the overhauls ladder, facilitates inspects and services operation.

Using seals upside the belt fastener, the lower part is equipped with the flash exportation, can effectively prevent the dust and the grit from scattering in all direction.

The belt fastener uses the structure of vertically tightens, has avoided the adjustment work in the production process. The union place of the endless belt is cementation; the service life can grow 2-3 times compared to the ordinary riveted joint.



O 优秀的环保性能

Outstanding environmental protection performance

所有的粉状物料，从上料、配料、计量、加料到搅拌出料都在全封闭状态下进行。搅拌机盖、水泥（或粉煤灰）计量斗的排尘管均匀与除尘器相同，降低粉尘排放量。全封闭搅拌主楼结构，极大地降低了粉尘和噪声对环境的污染。

搅拌主楼采用主动脉冲式除尘器，使水泥输送车向水泥仓内输送粉料时，粉尘不至于向外扩散，以达到环保的目的。

水泥仓设有破供系统及减压阀，有利于水泥的下料速度和防止水泥仓压力过高损坏仓顶除尘系统。



All of the powdery materials, from charging, mixing, measurement, feeding them in to mixing the material, carry on under the entire seal condition. The platoondust tube of the mixing canopy and the measuring bin of the cement (or pulverized-coal-ash) evenly is interlinked to the dust remover, reduces the withdrawal dust. The entire seal mixing building enormously reduces the dust land the noise to the environment pollution.

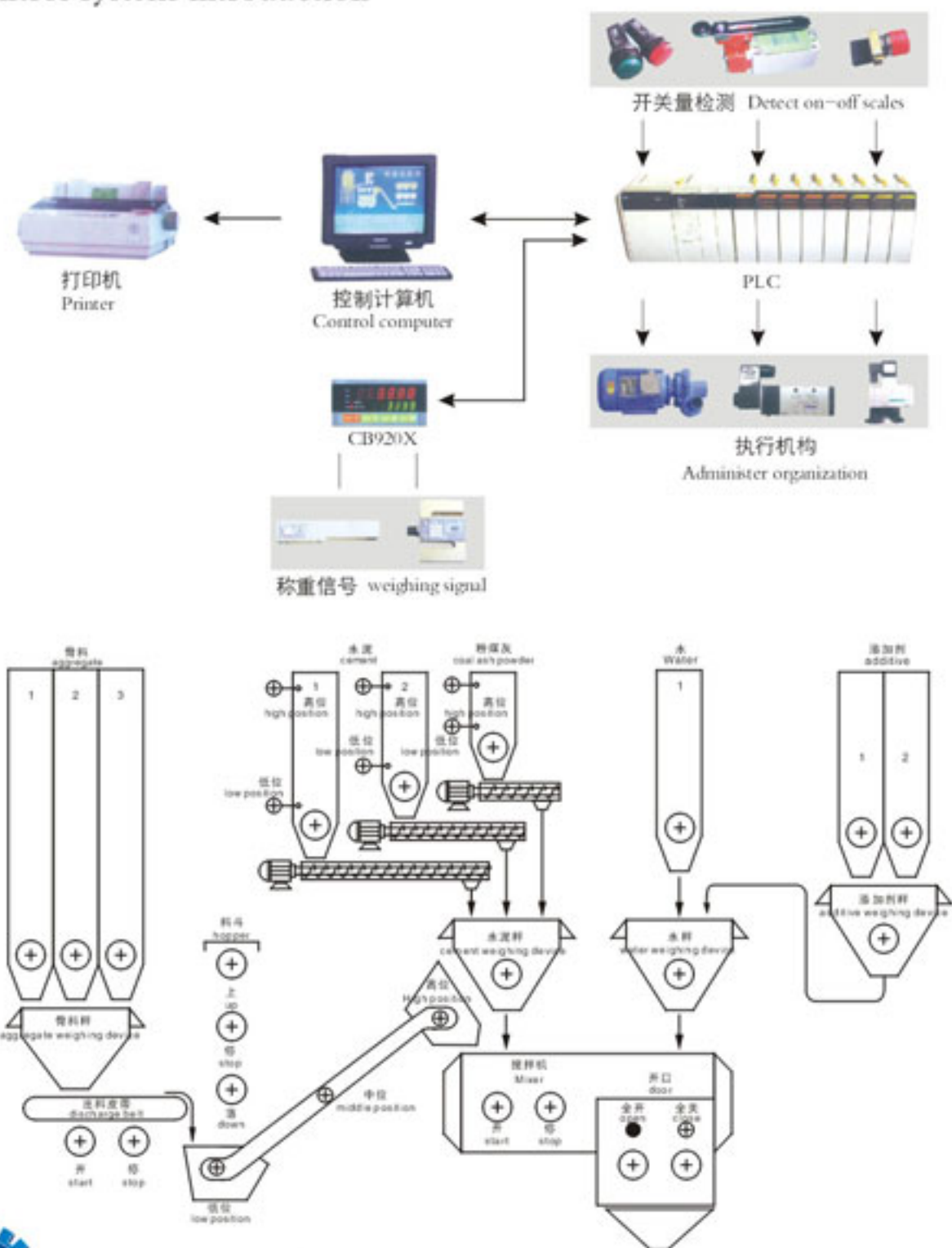
The main mixing building uses the pulse type of dust remover, the dust when produces all enters the dust remover, the dust may facilitatly be recollected, effectively protect the environment.

The cement warehouse uses the negative pressure and the special textile dust remover, that causes no dust outward diffusion when the cement transport vehicle transport the powder to the cement warehouse, to achieve the goal of the environmental protection.

The cement warehouse is equipped with the break system and the pressure-relief valve, is advantageous in the speed of the cement drop and prevents the pressure of cement warehouse excessively high from damaging the dust remover system of the warehouse excessively high from damaging the dust remover system of the warehouse.



C 控制系统简介 Control system introduction



该站的控制系统，硬件由日本欧姆龙PLC（可编程控制器）和施耐德开关、接触器、欧姆龙公司的中间继电器等器件构成。采用集散控制方式，控制同管理相互分开，实现了脱机、联机双控全自动，双控半自动和手动等多种控制方式，系统采用WINDOWS2000为平台、真正动画设计，中文界面，易于掌握。

控制由PLC独立完成，具有极高的可靠性。以Windows为操作平台，具有良好的人机界面，可以进行实时动态画面跟踪，实时监控设备的运行，使操作直观、方便。配方管理、计量数据管理采用大型数据库，所存数据量不受限制，同时采用通用的数据格式，可以很方便的组网管理。

计量上，采用志美公司CB920X仪表，且该称量是志美公司专为工业控制设计，因此有非常高的可靠性和抗干扰性，稳定可靠，可以非常精确、及时的完成计量控制。

搅拌站的控制台还设有湿度检测仪接口，可接湿度检测仪实现砂石的含水率的在线检测和配方的自动修正（检测仪为用户选购件）。该搅拌站的各种运行状态均可在控制面板上用指示灯显示出来。搅拌站的操作只需一人在操作室内即可完成。

Control system of this station, its hardware by Japanese Omron PLC and switch, contact device by Schneider, Omron Company's intermediate relay and so on. Uses the collection and distribution control mode, collection separated mutually with the management, realizes off-line, on-line double controlled and completely automatic, double controlled semiautomatic and manual and so on, many kinds of control mode, the system uses WINDOW2000 for the platform, the true animation design, the Chinese (or English) contact surface, easy to grasp.

Controls is completed independently by PLC. Has the extremely high reliability. Takes Window as the operated platform, has the good man-machine contact surface, may carry on the dynamic picture track in real-time, the real-time monitoring equipment's movement, caused the operation to be direct-viewing, to be convenient. The formula management, the measurement-data management uses the large-scale database, saves the data quantity not to be limited, simultaneously uses the general data format, the network management can be very convenient. On the measures, uses CB920X measuring appliance from Shimmied Corporation, also this weighing is especially for the industry control which is Shimmied Corporation's design, therefore it has the extremely high reliability and the anti-jamming, stable and reliable, can be extremely precise, prompt complete the measurement control.

The mixing station control bench is also equipped with the humidity instrumentation connection, can meet the humidity instrumentation to realize that the moisture content online examination in sand and crushed stone and the formula's automatic revision. Each kind of running status can be possible demonstrated on the control surface panel with the indicating lamp. The operation only needs one person in the handling room then to complete.



F 一流完善的售前、售中、售后服务 First-class the pre-sale, the mid-sale, the after-service

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In the nation we set up 64 service centers, serving for you with the technical advisory work in 24 hours.
We have the formidable technical team with the installation work, guaranteeing the correct installation and debugging of the equipment.
There are 64 part warehouses in the nation, guaranteeing the fitting supply with no distance.
The enterprise which makes the entire machine in the company, guarantees providing the post-sale service of the entire machine.
The company suppliers respond the same level as post-sale.



该系列搅拌站采用半拖挂式设计。自带行走系统与标准牵引销。用一个车头即可将搅拌站拖走。结构紧凑。架设快捷，免基础、免调试，从安装到使用只需一天时间。为了便于长途运输，可以将搅拌站拆分为几个标准模块。装入集装箱内。该产品获得国家发明专利，专利号：200810172273.9

This series of mixing plant adopts the semi-pulling structure with running system and standard coupling pin included. It can be dragged by a tractor. Without foundation and commissioning enables convenient movement and quick installation. It only takes one day from installation to use. To be convenient for long distance transportation, the mixing plant can be divided into several standard modules, and then be packed into containers. It has been applied for the National Invention Patent and has been accepted. The application no is 200810172273.9



型号 Type	YHZS35	YHZS50	YHZS75
理论生产率 Theoretical Productivity(m³/h)	35	50	75
搅拌机 Mixer	JS1250/750	JS1500/1000	JS2250/1500
配料系统 Batching System	PLD1200	PLD1600	PLD2400
卸料高度 Discharging Height(m)	3.8	3.8	3.8



该系列搅拌站采用模块式设计，移动灵活，组装方便、快捷，免特殊基础，免调试。从安装到使用只需三天时间。控制室、化验室、维修室一应俱全，节省成本，是工程施工的理想设备。

The modular design without foundation and commissioning enables convenient movement and quick installation. It only takes three days from installation to use. All necessary facilities such as: control room, laboratory and maintenance room are equipped. Cost effective. An ideal choice for engineering.



型号 Type	YHZS40	YHZS60	YHZS80	YHZS100
理论生产率 Theoretical Productivity(m³/h)	40	60	80	100
搅拌机 Mixer	JS1250/750	JS1500/1000	JS2250/1500	JS3000/2000
配料系统 Batching System	PLD1200	PLD1600	PLD2400	PLD3200
卸料高度 Discharging Height(m)	3.8	3.8	3.8	3.8



1. 采用性能优良的双卧轴强制式搅拌机作配套主机。具有搅拌速度快, 搅拌范围广, 称质量高等显著优点。可以最大程度满足不同用户需求。

1. Adopt twin-shaft compulsory concrete mixer as the assorted mixer, which has obvious characteristics like fast mixing, wide mixing range and good quality concrete, etc to satisfy the customers' requirement



2. 采用获得国家专利的点动补料 (专利号 ZL200520022852.7) 技术, 保证动态计算精度 $\pm 1\%$

2. Adopt the technology of "click to supplement", which has been awarded the national patent (Patent No. ZL200520022852.7), to ensure the accuracy of dynamic measurement no more than $\pm 1\%$



3. 采用获得国家专利的外加剂计量秤气力输送装置 (专利号: 200820134501.9) 计算与输送外加剂, 彻底避免由于外加剂系统失灵造成的称质量事故。

3. Adopt additive weighing scale pneumatic conveying equipment, applied for national patent, to measure and convey additives, which completely avoid the quality accident caused by the failure of additive system.



4. 配备触摸屏, 微机, 两套操作系统, 手动, 半自动, 自动三种工作方式。保证设备运行可靠。

4. Assemble two suits operating devices (touch-screen and computer), and can be operated manually, semi-automatically and automatically, which ensures the working reliability.



5. 全面考虑混凝土工艺要求, 功能一应俱全。独具配比储存, 落差自动补偿, 砂石含水率自动补偿, 欠称, 超称报警修正, 配方在线修改, 数据保存, 查询, 报表, 打印等功能。

5. The fully accounted concrete technology enable perfect functions like: unique ratio deposit, self compensation of aggregates drop, scale-owing, alarming and revising of over-scale, on-line modifying formula, data saving and query, and report-print and so on.



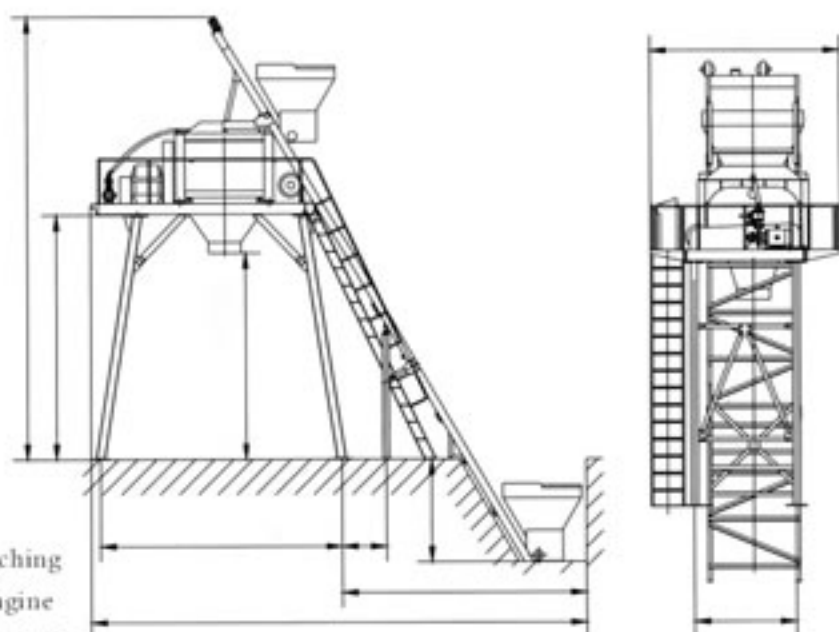
6. 采用航空快速插头, 出厂预调试, 保证安装, 调试迅速可靠。

6. Use pre-debugged air plugs to ensure quick installation and commissioning.



JS系列混凝土搅拌机系双卧轴强制式搅拌机, 该机具备了单机作业和与PLD系列配料机组成筒仓式混凝土搅拌站的双重优越性, 还可为搅拌站提供配套主机, 适用于各类大、中、小型预制构件厂及公路、桥梁、水利、码头等工业及民用建筑工程, 可搅拌干性混凝土、塑性混凝土、流动性混凝土、轻骨料混凝土及各种砂浆, 是一种高效率机型, 应用非常广泛。

JS series concrete mixers are double horizontal axle forced mixers with two advantages of independent performance or forming simple concrete mixing plants with PLD series of batching machines. They can also offer matched main engine for mixing plants applicable to various sizes of precast plant as well as industrial and civil construction works roads, bridges, water works, and harbors. They can mix dry hard concrete, elastic concrete, flow concrete, light aggregate concrete and various mortars, high efficient and used very widely.



Parameter Model	JS500	JS750	JS1000	JS1500
Item				
Discharge volume	500L	750L	1000L	1500L
Charging volume	800L	1200L	1600L	2400L
Theoretical capacity	$\geq 25 \text{ m}^3$	$\geq 35 \text{ m}^3$	$\geq 50 \text{ m}^3$	$\geq 75 \text{ m}^3$
Aggregate sizes	$\leq 60/80\text{mm}$	$\leq 60/80\text{mm}$	$\leq 60/80\text{mm}$	$\leq 60/80\text{mm}$
Working circle	60s	60s	60s	60s
Discharge Height	2.7m	3.8m	3.8m	3.8m
Mixing blade	Speed	34r/min	34r/min	34r/min
	Quantity	2×7	2×7	2×7
Mixing motor	Model	Y180M-4	Y200L-4	Y225S-4
	Power	18.5 kw	30 kw	37 kw
Lifting motor	Model	YEZ132S-4	YEZ132M-4	YEZ160L-4
	Power	5.5 kw	7.5 kw	13 kw
Pump motor	Model	50DWB20-8A	65DWB35-5	65DWB35-5
	Power	0.75 kw	1.1 kw	1.1 kw
Weight	3700kg	6150kg	9880kg	10960kg
Dimensions (L x W x H)	3030×2300×2680 mm	4550×2250×2450 mm	4640×2250×2250 mm	5058×2250×2440 mm



JS500系列混凝土搅拌机
JS SERIES CONCRETE MIXER



JS750系列混凝土搅拌机
JS SERIES CONCRETE MIXER



JS1000系列混凝土搅拌机
JS SERIES CONCRETE MIXER



JS1500系列混凝土搅拌机
JS SERIES CONCRETE MIXER



JS2000系列混凝土搅拌机
JS SERIES CONCRETE MIXER





UNIQUE Twin-shaft concrete mixers are double horizontal axes forced mixers with two advantages of independent performance or forming simple concrete mixing plants with PLD series of batching machines.

UNIQUE Twin-shaft concrete mixers adopt involute planetary gear reducer, the gimbal transmission shaft insures circumscribe at the same speed in-phase of the two mixing shafts.

UNIQUE Twin-shaft concrete mixers adopt hydraulic manual device which can be used for discharging when power lost emergently. The TE switch made in French, reliable and durable.

UNIQUE Twin-shaft concrete mixers adopt monitored control system which can monitor the amount and temperature of oil in reduction gear box and discharging pump. Meanwhile, the running mixer can be remotely monitored in the operation room.

UNIQUE Twin-shaft concrete mixers adopt four-class sealing system which can prevent coarse sand, water and concrete contact with the shaft end and prolong the service life of the concrete mixer.

UNIQUE Twin-shaft concrete mixers adopt hexagonal mixing shaft as standard design which has optimized torsional and bending strength.

UNIQUE company will supply our best quality products and "turn-key" service for each of our customers.



1. Mixer Drum:

Adopt Euro-style, beautiful and hard.



2. Mixing blades and scaleboards:

Adopt high-rigidity and high-tenacity wearable cast alloy steel to prolong the service time, which also is optimized torsional and bending strength.



4. Synchronizer:

Original imported from Italy to ensure the synchronous running of mixing arms.



3. Axle-end seal:

Adopt original-imported parts installation to avoid cement and slurry enter in shaft-head so that extending the service life of concrete mixer.



5. Reducer:

Reducer and oil sealing system is made by Italy BONFIGLIOLI, they are special designed for UNIQUE concrete mixer, features for long service life, lower noise and oil tightness.



6. Discharging system:

Hydraulic discharging system: Strong driving force, discharging smoothly; Discharging gate adopted disassemble structure, easy for repairation, the gate could be opened at each standpoint; A manual lever allows the gate to be opened if power is lost.



7. Electric Lubricating Pump:

Supplying oil to four axle-end respectively with four pump cones, without by-pass valve

8. Four-class sealing protection:

Adopt imported reliable axial seal and all sealing parts are easy to be removed and replaced. It's also suitable for bad work conditions for little daily maintenance.



9. Observation windows:

Full width access hatch allows easy access; includes high security positive disconnect lock.



Main Models

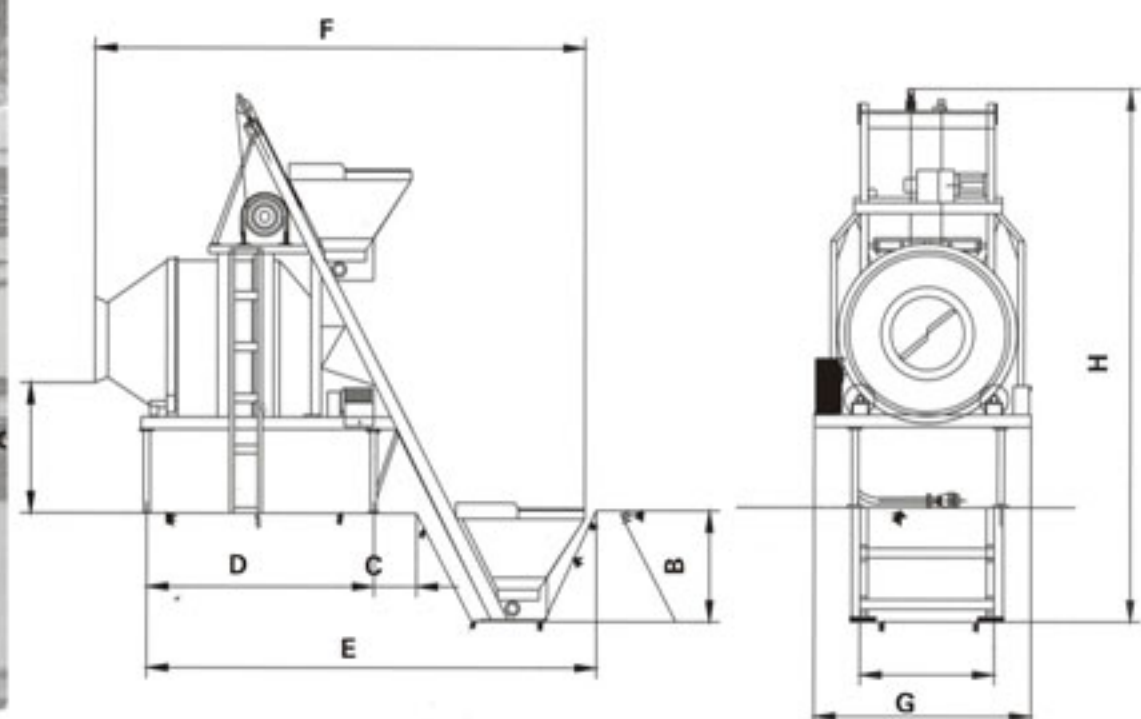
Parameter Model		JS2000	JS3000	JS3500	JS4000
Item					
Discharge volume		2000L	3000L	3500L	4000L
Charging volume		3200L	4800L	5600L	6400L
Theoretical capacity		$\geq 100 \text{ m}^3$	$\geq 150 \text{ m}^3$	$\geq 180 \text{ m}^3$	$\geq 200 \text{ m}^3$
Aggregate sizes		$\leq 60/80 \text{ mm}$	$\leq 60/80 \text{ mm}$	$\leq 60/80 \text{ mm}$	$\leq 60/80 \text{ mm}$
Working circle		60s	60s	60s	60s
Mixing blade	Speed	23.1r/min	21.85r/min	21.85r/min	19r/min
	Quantity	2×8	2×8	2×8	2×9
Mixing motor	Model	Y25M-4	Y280M-6	Y280M-6	Y315S-6
	Power	2×37 kw	2×55 kw	2×55 kw	2×75 kw
Weight		9200kg	11450kg	12000kg	19000kg
Dimensions (L x W x H)		3810×2480×1710 mm	4220×2620×1910 mm	4300×2680×1910 mm	4450×3050×2380 mm



JZC、JZM系列混凝土搅拌机系自落式双锥反转出料搅拌机，拌筒由齿圈传动或摩擦传动，工作时正转搅拌，反转出料，可搅拌塑性和半干硬性混凝土，适用于一般建筑工地、道路、桥梁工程及各种混凝土构件厂。
本搅拌机系按GB/T9142-2000《混凝土搅拌机》设计制造，结构合理，并具有生产效率高、搅拌质量好、造型美观、重量轻、移动方便等特点，是一种先进的机型。

As a gravity type of double-conic reversing drum concrete mixer, the drum transmits by gear of friction wheel. The drum rotates clockwise during mixing and anticlockwise during discharging. The mixer can mix plasticity and damp half-dry concrete. It is usually used on ordinary construction sites, roads, bridges projects and concrete prefabricated parts factories.

This type of mixer is designed and manufactured according to GB/T9142-2000《concrete mixer》. It has rational structure, and has the advantages of high production efficiency, excellent mixing quality, artistic outlook, light weight and convenience moving.

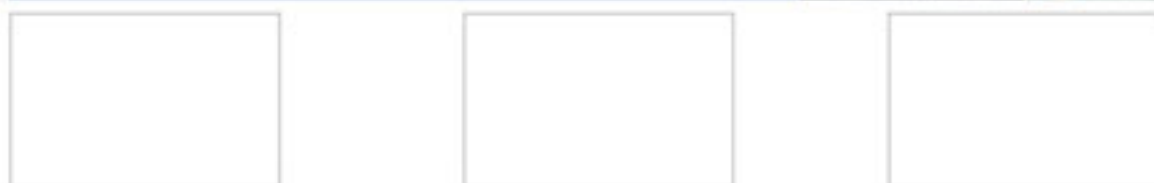


Model	JZC350	JZC500	JZM500	JZM750
Discharge volume	350L	500L	500L	750L
Charging volume	560L	800L	800L	1200L
Capacity	10~14 m ³ /h	18~20 m ³ /h	25~30 m ³ /h	30~35 m ³ /h
Aggregate sizes	≤60mm	≤60mm	≤70mm	≤80mm
Rotating speed	14 r/min	13 r/min	13 r/min	12.26 r/min
Max. Drag speed	20km/h	20km/h	/	/
Mixing motor	5.5kw	7.5kw	7.5kw	11kw
Lifting motor	4.5KW	5.5kw	5.5kw	7.5kw
Pump motor	0.55kw	0.55kw	0.75kw	0.75kw
Weight	1950kg	2400kg	3000kg	4000kg
Dimensions (L × W × H)	2766 × 2140 × 3000 mm	3500 × 2200 × 3200 mm	5200 × 2065 × 3200 mm	5650 × 2065 × 3535 mm





质量保证体系
Quality certification



关于 **公司的荣誉**

ABOUT COMPANY CREDIT



National origin provides us full technology support,
Cooperating with our agent,
UNIQUE machine have covered more than 60 countries ,