



Advanced Control System Cement Mixing Station Hzs180

Our Product Introduction

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Basic Information

- Place of Origin: Hunan
- Brand Name: SUNNY
- Model Number: HSZ180
- Minimum Order Quantity: 1 set
- Price: USD 110000-150000/ SET
- Packaging Details: container
- Delivery Time: 25-30 days
- Payment Terms: L/C, T/T, D/P, Western Union, MoneyGram
- Supply Ability: 20 Set/Sets per Month



Product Specification

- Maaterial: Cement, Crushed Stone, Sands And So On
- Application: Building Works, Construction Projects, bridges, docks, airport
- Control System: Automatic PLC Control, totally Automatic
- Productivity: $\leq 180\text{m}^3/\text{h}$
- Mixer: JS3000 Twin-shaft Concrete Mixer
- Warranty: 12 Months
- Condition: New
- After-sales Service Provided: Engineers Available To Service Machinery Overseas, Online Support, Video Technical Support, Field Installation, commissioning And Training
- Highlight: **Hzs180 cement mixing station, concrete batching plant with control system, Hzs180 concrete mixing plant**



More Images



Product Description

HZS180 Central beton factory full automatic concrete plant 50-120 m³/h wet mix beton framework concrete batching plant p
HZS180 Manufacturer Concrete Batch Plant concrete batching plant

Belt Conveyor Type Concrete Batching Plant mainly consists of 5 major systems such as mixer, material weighing system, material conveying system, material storage system and control system and other ancillary facilities. It is equipped with the storage, batching, conveying, stirring, control and other devices of various raw materials required for precast concrete, and various aggregates, powders, admixtures, water, etc. A complete set of equipment for supplying concrete in a concentrated manner than by a mixer.

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Core Components and Structure

1. JS3000 Twin-Shaft Mixer

Central to the HZS180 plant is the **JS3000 twin-shaft concrete mixer**, known for its **strong mixing performance** and **durable construction**.

The dual horizontal shafts ensure **thorough mixing** of dry, semi-dry, plastic, and flowing concrete types within seconds.

2. PLD4800 Aggregate Batching Machine

Four-bin aggregate batcher with high-precision sensors and belt weighing system.

Capable of batching multiple types of aggregates with a high degree of accuracy.

3. Cement, Water & Additive Weighing Systems

Independent weighing modules with digital control ensure accurate material batching for every cycle.

Reduces waste and ensures the concrete mix meets required specifications every time.

4. Screw Conveyor & Cement Silo

Fast and efficient cement transfer from silos (typically 2×100 tons or more) to the mixer.

Optional silo dust collectors for environmentally friendly operation.

5. Fully Automatic Control System

PLC + industrial computer control with real-time data display, production reports, and fault diagnostics.

Manual, semi-auto, and auto modes allow flexibility in operation.

Remote monitoring and software upgrades available.

6. Aggregate Conveyor System

High-strength belt conveyor with anti-slip rollers and protective guards.

Smooth and efficient material transfer from storage to batching hopper

Name of parameter	HZS60	HZS90	HZS120	HZS180	HZS240
Theoretical productivity	60 M ³ /h	90 M ³ /h	120 M ³ /h	180 M ³ /h	240m ³ /h
Model of mixer	JS1000	JS1500	JS2000	JS3000	JS4000
Mixing motor power	2×18.5Kw	2×30Kw	2×37Kw	2×55Kw	2*75Kw
Cycle period	60s	60s	60s	60s	60s
Volume of mixer	1000L	1500L	2000L	3000L	4000L
Unloading height	4.0m	4.0m	4.0m	4.0m	4.0m
Measuring range and precision of aggregate	(600-2000)≤±2%	(700-2400)≤±2%	(1000-3600)≤±2%	(1600-4800)≤±2%	(1600-4800)≤±2%
Measuring range and precision of cement	(300-1200)≤±1%	(300-1200)≤±1%	600-1800)≤±1%	(800-2400)≤±1%	(800-2400)≤±1%
Measuring range and precision of coal ash	(200-600)≤±1%	(200-600)≤±1%	(300-900)≤±1%	(400-1200)≤±1%	(400-1200)≤±2%
Measuring range and precision of water	200-600)≤±1%	(200-600)≤±1%	(200-700)≤±1%	(360-1200)≤±1%	(360-1200)≤±1%
Measuring range and precision of admixture	20-60)≤±1%	(20-60)≤±1%	(30-100)≤±1%	(36-120)≤±1%	(36-120)≤±1%



Features of concrete batching plant:

High Production Capacity: The HZS180 concrete mixing plant has a theoretical production capacity of 180 cubic meters per hour. This high capacity allows for efficient and continuous production of large volumes of concrete, ensuring timely completion of demanding construction projects.

Advanced Mixing System: The plant is equipped with a twin-shaft concrete mixer, which ensures thorough and efficient mixing of aggregates, cement, water, and additives. The twin-shaft mixer operates at a high speed, delivering a homogeneous mixture with excellent consistency and quality.

Precise Weighing and Dosing: The HZS180 batching plant utilizes advanced weighing systems for accurate measurement and dosing of materials. It includes precision sensors and load cells that ensure precise weighing of aggregates, cement, water, and additives. This precise control of material ratios results in consistent and high-quality concrete mixes.

Modular Design and Easy Installation: The HZS180 batching plant features a modular design, which simplifies its installation, transportation, and relocation. The plant consists of multiple modular units that can be easily assembled and disassembled, reducing setup time and allowing for efficient deployment to different job sites.

Q: What's your after-sale service?

A: 12 months warranty for main parts since departure. On-site installation, debugging, workers training. Make sure that your workers operate properly and know daily maintenance well. Q: What's your delivery time?

A: The goods will be delivered in 30-45 days after the 30% of the total amount is paid as deposit, and maybe a little longer if busy in the factory.

B: Generally it is 7-10 days if the goods are in stock. or it is 15-20 days if the goods are not in stock, it is according to quantity.

Q: How long do you warranty your concrete batching plant?

A: We shall guarantee that the commodity for 1 year, excluding the wearing parts, and we will offer our customers the wearing parts all the time with favorable price.

Q: What should I do if I experience a problem on our equipment?

A: You could email us the photos to show what happens or call us, and our service line is available 24/7, and then we will feedback you immediately. Also on-site technician service available as request.

Q: How can we install the plant?

A: Our engineer will make installation drawing before we send the machine, and our engineer will go oversea to guide and train the installation after everything is already set in customer's construction site.

Q: Do you have CE certificate for your concrete batching plant?

A: Yes, we have. It is our patent products, certificated by CE.



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