

# Concrete Batching Plant

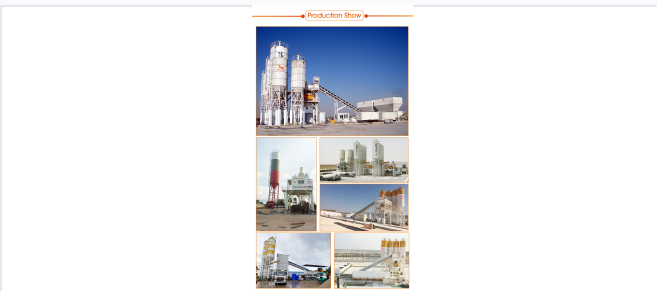
This concrete batching plant is a stationary system designed for large-scale construction projects. It features automated control systems and a high-speed mixing unit for precise batching.



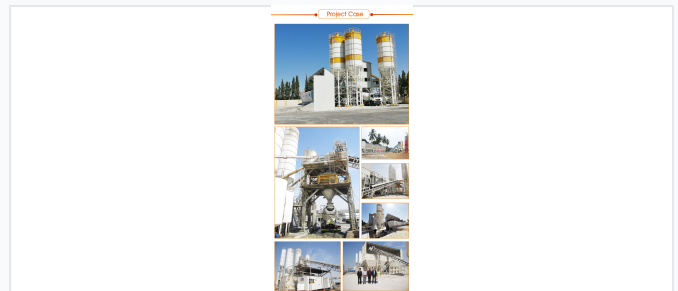
## ADDITIONAL IMAGES



## Overview



Full view of the stationary batching plant including silos and conveyor systems.



The plant in operation at a large-scale infrastructure project site.

## High-Capacity Stationary Concrete Production

The CBP180S is a high-performance stationary concrete batching plant designed for large-scale construction projects and commercial concrete production. It features a theoretical productivity of 180 m<sup>3</sup>/h, utilizing advanced twin-shaft mixing technology and automated control systems to ensure consistent concrete quality. The modular design facilitates flexible configuration and efficient installation for demanding infrastructure environments.

## Performance Metrics

### Key Performance Metrics

**180 m<sup>3</sup>/h**

Theoretical Productivity

**60 s**

Cycle Period

**4500 L**

Mixer Capacity

## Mixing System



### 规格 Specifications

Model	干式填充容量 (L)	压实产量 (L)	功率 (kW)
JS3000	6000	4000	2x75
JS2000	4500	3000	2x55
JS1000	3000	2000	2x37

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High-efficiency twin-shaft mixer designed for heavy-duty operation and superior homogeneity.

### Mixing System Specifications

Model	Dry Filling Capacity (L)	Compacted Yield (L)	Power (kW)
JS3000	6000	4000	2x75
JS2000	4500	3000	2x55
JS1000	3000	2000	2x37

## Material Handling

### Aggregate & Storage

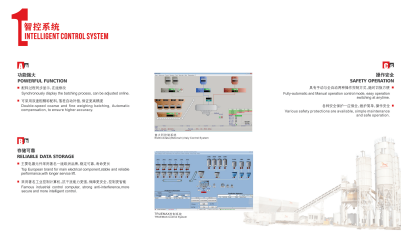
- 4x20 m<sup>3</sup> Aggregate bin capacity
- Support for 4 types of aggregate
- Max aggregate size: 60mm (crushed) / 80mm (pebble)
- Double-gate and double-speed discharge control
- Anti-block structure for smooth material flow

## Weighing Accuracy

### Weighing Range & Accuracy

Material	Range (kg)	Accuracy
Aggregate	2500 - 7500	±2%
Cement	600 - 1800	±1%
Water	300 - 900	±1%
Additive	2x (30 - 90)	±1%

## Intelligent Control



Advanced intelligent control system featuring real-time monitoring and dual-mode operation.

### Control System Features

- Synchronized real-time batching process display
- Double-speed coarse and fine weighing with auto-compensation
- Manual and fully-automatic operation modes
- Remote intelligent diagnostic and upgrade capabilities
- High-performance industrial control computer with anti-interference

## Environmental & Safety



Fully enclosed design minimizes dust and noise pollution for environmentally sensitive sites.

### Environmental Compliance

Fully Enclosed Structure, Dust Suppression, Noise Reduction, Sealed Powder Handling, Air Exchange Compensation

## Certifications

### Quality & Compliance

ISO 9001:2015 • ISO 14000 • OHSMS 18000 • CE Certified • EN 60204-1 Compliance

## Optional Equipment

### Optional Screw Conveyor Specs

Diameter	Capacity (t/h)	Max Length (m)
∅219	40	<15m
∅273	80	<15m
∅323	110	<15m