

Concrete Batching Plant

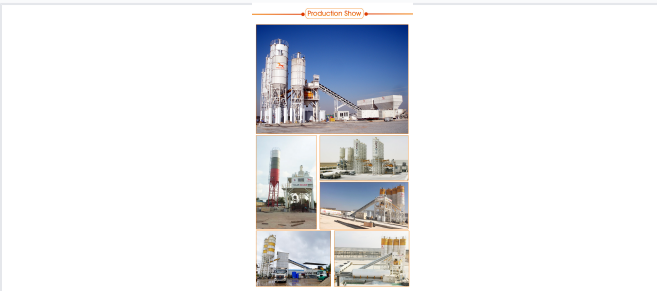
This concrete batching plant is a stationary system designed for large-scale construction projects. It features automated control systems and a high-speed mixing unit for precise batching.



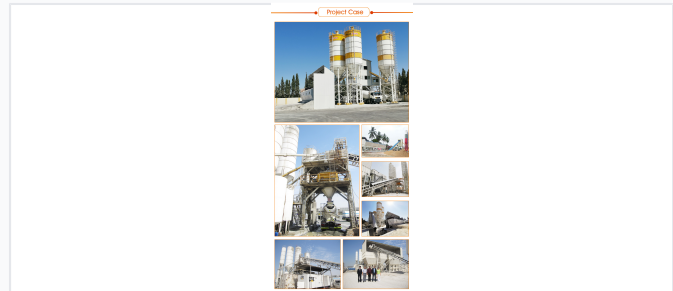
ADDITIONAL IMAGES



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 m³/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 m³/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

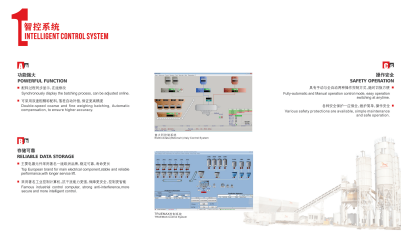
- 4x20 m³ Aggregate bin capacity
- Support for 4 types of aggregate
- Max aggregate size: 60mm (crushed) / 80mm (pebble)
- Double-gate and double-speed discharge control
- Anti-block structure for smooth material flow

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