

Concrete Batching Plant 100 m³/h

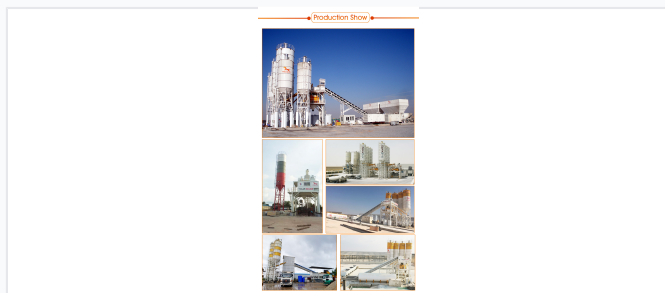
This concrete batching plant is designed for efficient on-site concrete production with a capacity of 100 cubic meters per hour. It features a modular design for easy transportation and quick setup.



ADDITIONAL IMAGES



Overview



Full view of the CBP100M mobile concrete batching plant in operation, showcasing its modular structure and aggregate bins.



The CBP100M deployed on a construction site, demonstrating its high-capacity production capabilities.

High-Efficiency Mobile Concrete Production

The CBP100M is a high-capacity mobile concrete batching plant engineered for efficient on-site mixing and flexible deployment. Designed for large-scale construction projects, it delivers a theoretical productivity of 100 m³/h using a robust twin-shaft mixing system. This modular plant combines precise automated batching with a fully enclosed, environmentally friendly structure to ensure consistent, high-quality concrete production in diverse working environments.

Performance Metrics

Key Performance Indicators

100 m³/h

Theoretical Productivity

72 s

Cycle Period

3000 L

Mixer Capacity

110 kW

Total Power

Mixing System

Mixer Specifications

Parameter	Value
Mixer Model	JS2000
Type	Twin-shaft
Motor Power	2 x 37 kW
Dry Filling Capacity	3000 L
Compacted Yield	2000 L

Batching & Storage



High-efficiency conveying and stable batching systems ensure a compact cycle and maximum output.

Aggregate & Storage System

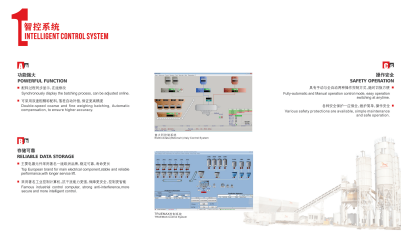
- Aggregate Bin Capacity: 4 x 16 m³
- Number of Aggregate Types: 4
- Max Aggregate Size (Crushed/Pebble): 60/80 mm
- Double-gate and double-speed control for precision
- Anti-block structure for discharge gates

Weighing Accuracy

Weighing Range & Accuracy

Material	Range (kg)	Accuracy
Aggregate	1666 - 5000	±2%
Cement	400 - 1200	±1%
Water	200 - 600	±1%
Additives	20 - 60	±1%

Control System



The computerized control system provides real-time monitoring and precise management of the batching process.

Intelligent Control Features

- Synchronized display of batching process
- Online adjustment capabilities
- Automatic fall compensation for higher accuracy
- Fully-automatic and manual operation modes
- Industrial control computer with anti-interference

Environmental & Design



The fully enclosed design significantly reduces dust and noise pollution for environmentally friendly operation.

Design & Environmental Compliance

Fully Enclosed Structure, Dust Pollution Reduction, Noise Reduction, Modular Design, Mobile/Portable, ISO 9001:2015, CE Certified

Optional Components

Screw Conveyor Options

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