

# Concrete Batching Plant 100 m<sup>3</sup>/h

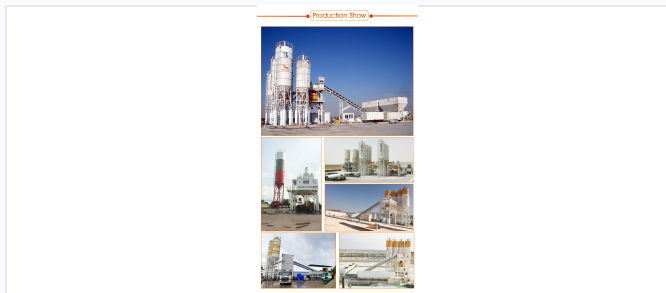
This concrete batching plant is designed for efficient on-site concrete production with a capacity of 100 cubic meters per hour. It features a modular design for easy transportation and quick setup.



## 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 m<sup>3</sup>/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 m<sup>3</sup>/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

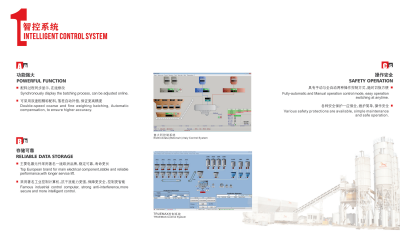
- Aggregate Bin Capacity: 4 x 16 m<sup>3</sup>
- Number of Aggregate Types: 4
- Max Aggregate Size (Crushed/Pebble): 60/80 mm
- Double-gate and double-speed control for precision
- Anti-block structure for discharge gates

## 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