

Stationary Concrete Batching Plant, 60 m³/h

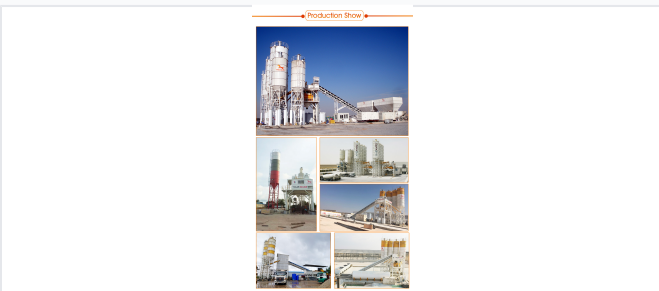
The CBP60M concrete batching plant is a stationary mixing plant designed for efficient and reliable concrete production. It features multiple aggregate storage silos, a weighing and feeding system, a high-performance concrete mixer, and a control system for automated operation.



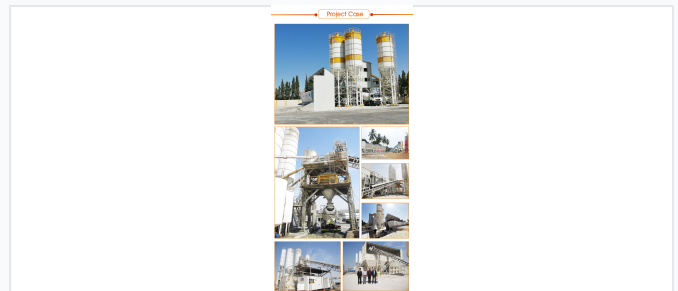
ADDITIONAL IMAGES



Overview



Full view of the stationary concrete batching plant showing silos, conveyor, and mixing unit.



The CBP60M in operation at a medium-scale construction project site.

High-Efficiency Stationary Concrete Batching Plant

The CBP60M is a high-performance stationary concrete mixing plant designed for reliable production in medium to large-scale construction projects such as roads, bridges, and buildings. With a theoretical productivity of 60 m³/h, it features a modular design for streamlined installation and consistent concrete quality. The system integrates advanced weighing, conveying, and mixing technologies to ensure operational efficiency and long-term durability.

Performance Metrics

Key Performance Indicators

60 m³/h

Theoretical Productivity

60 s

Automatic Cycle Period

76 kW

Total Power Consumption

Mixing System

Mixer Specifications

Parameter	Value
Mixer Model	JS1000
Motor Power	2 x 22 kW
Nominal Capacity	1500 L
Mixer Type	Twin-shaft Concrete Mixer

Material Handling



Double-gate and double-speed control systems ensure stable batching and efficient material conveying.

Aggregate Handling

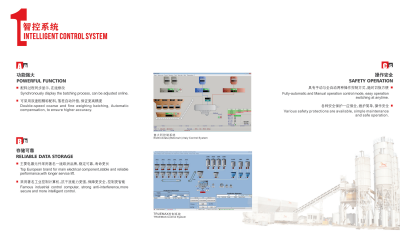
Feature	Specification
Max Aggregate Size	60/80 mm
Aggregate Bin Capacity	4 x 10 m ³
Number of Aggregate Types	4
Conveyor Type	Belt Conveyor

Batching & Accuracy

Weighing Accuracy & Range

Material	Range	Accuracy
Aggregate	833~2500 kg	±2%
Cement	200~600 kg	±1%
Water	100~300 kg	±1%
Additives	7~20 kg	±1%

Control System



The intelligent control system features a synchronized display and automated batching compensation for high precision.

Intelligent Control Features

- Synchronized display of batching process
- Double-speed coarse and fine weighing
- Automatic drop compensation
- Manual and fully-automatic operation modes
- Industrial control computer with anti-interference
- Real-time monitoring of gearbox and pumps

Environmental & Safety



Fully enclosed structure for all powdery materials significantly reduces dust and noise pollution.

Environmental Compliance

Fully Enclosed Structure, Dust Collection System, Noise Reduction, Sealed Powder Metering, Environmental Protection Design

Certifications

Quality & Safety Standards

CE Certified • ISO 9001:2015 • ISO 14000 • OHSMS 18000

Optional Components

Silo Options

- 50T Silo (3260mm Diameter)
- 100T Silo (3260mm Diameter)
- 150T Silo (3260/3600/4500mm Diameter)
- 200T Silo (4100/4500mm Diameter)
- 250T Silo (5050mm Diameter)