



CONCRET 3000

ADVANCED DATA SHEET

DETAILS

Model Name	Concret 3000
Model Title	Dry mix concrete batch plant
Category	Concrete Batch Plants
Type	Static
Brand	Frumecar

Description

The Frumecar Concret 3000 is an industry-leading concrete plant that merges high performance with innovative technology. Designed to accommodate even the most demanding construction projects, this plant features an enhanced production capacity and advanced process control. An optimized design promotes efficient material handling and unrivalled concrete quality while maintaining rigorous environmental standards. The Frumecar Concret 3000 is engineered for seamless setup and operation, making it the premier choice for large-scale infrastructure developments. The Frumecar Concret 3000 batch plant excels in high-efficiency production with a 4 cubic-yard dosing cycle and expandable hopper capacity. It ensures superior mix quality through advanced sensors and precise weighing. Factory pre-assembly and minimal foundation requirements save time and costs. Featuring advanced automation and an air-conditioned control cab, it offers ease of use and excellent quality control. Compact and durable, it fits in a single 40-foot container for easy transport and deployment. Designed for sustainability, it minimizes energy consumption and emissions.

PROCESSED MATERIALS

- Aggregate
- Cement
- Sand

RECOMMENDED USE

Best For

Large-scale construction sites that demand high-volume, high-quality on-site concrete production. Large infrastructure projects needing high-capacity batching.

Good For

Concrete production in complex locations. Mid to large-sized projects requiring efficient and reliable concrete solutions. Quick setup and minimal foundation work due to pre-installed factory setup.

Not Built For

Small-scale projects with more complex and smaller sites.

Best Loader

Silos

KEY SPECIFICATIONS

Dry/Wet Mixing

Dry

Aggregates tank

52-78 yd3

Yards per hour

157 yd3/h

OTHER SPECIFICATIONS

Number of hoppers

4

Weight

33,730 lbs

Capacity per batch

4 yd³

Working Size

Surface of 1,830 ft²

Cement Silos

2

Control Cabin

Included

Absorbed power

39 kW

Cement Tank

100 yd³

Total power

66 kW

FEATURES

- Easy transportation: the entire plant (excluding the silos) is transported in one 40' high-cube container.
- Requires no special foundations for the installation of the main plant block (only a continuous concrete slab).
- Features the technology of a large-scale plant in compact dimensions.
- Cement scales with a 3,307 lbs capacity
- Water dosing assembly with meter for better precision
- Pneumatic installation equipped with a 4 kw compressor.
- Hydraulic installation, equipped with a 4 kw supply pump and pressure regulation system.
- 10.7" cement screw conveyor
- Dosing cycles of 4 yd³
- Surface required for the installation of the plant 1,830 ft²
- Aggregates are dosed with a 4 yd³ weighing conveyor
- Short setup time - fully pre-installed at the factory
- Equipped with air-conditioned control cab and computer management system.

ADD-ONS	DESCRIPTION
[Included] Cement Silo	2 cement silos for cement storage.
[Included] Cartridge-type Cement Filter	2 cartridge-type cement filters for cement silos.
[Included] Screw Conveyor	2 cement screw conveyors.
[Included] Additive Dosage System	Dosage system for 2 additives by counter.
[Included] Upper Silo Walkway	Upper walkway for communication with silo roofs.