



CONCRET 2000

ADVANCED DATA SHEET

DETAILS

Model Name	Concret 2000
Model Title	Dry mix concrete batch plant
Category	Concrete Batch Plants
Type	Static
Brand	Frumecar

Description

The Frumecar Concret 2000, is a state-of-the-art concrete plant designed to revolutionize your construction projects. With advanced automation for precise concrete production and quality control, this modular plant allows for quick assembly and seamless transportation to various job sites. Boasting a high production capacity, it's perfect for larger-scale projects. The Frumecar Concret 2000 is both environmentally friendly, reducing energy consumption and emissions, and equipped with cutting-edge technology to ensure continuous operation with minimal downtime. This versatile plant is suitable for a wide range of applications, from infrastructure projects to commercial and residential construction. The Frumecar Concret 1000 batch plant offers several highlighted benefits: it comes pre-installed at the factory, reducing assembly times; requires no special foundations, needing only a continuous concrete slab; includes an air-conditioned control cab and advanced computer management system; and integrates large-scale plant technology into a compact design. Transported in a single 40-foot high-cube container, it ensures easy relocation. Notable features include 2.6 yd³ per dosing cycle, up to 4 hoppers, precise aggregates and cement weighing, a water dosing assembly, hydraulic and pneumatic installations.

PROCESSED MATERIALS

- Aggregate
- Cement
- Sand
- Water

RECOMMENDED USE

Best For	Large-scale construction projects requiring high-volume on-site concrete production
Good For	Concrete production in complex locations. Medium-sized projects needing flexible and mobile concrete solutions.
Not Built For	Extremely large quantities of concrete
Best Loader	Silos

KEY SPECIFICATIONS

Dry/Wet Mixing	Dry
Aggregates tank	33-52 yd3
Yards per hour	111 yd3/h

OTHER SPECIFICATIONS**Number of hoppers**

4

Weight

28,660 lbs

Capacity per batch2.6 yd³**Working Size**Surface of 1,830 ft²**Cement Silos**

2

Control Cabin

Included

Absorbed power

34 kW

Cement Tank100 yd³**Total power**

57 kW

FEATURES

- Features the technology of a large-scale plant in compact dimensions.
- Equipped with air-conditioned control cab and computer management system.
- Short setup time - fully pre-installed at the factory
- Easy transportation: the entire plant (excluding the silos) is transported in one 40' high-cube container.
- Water dosing assembly with meter for better precision
- 8.6" cement screw conveyor
- Dosing cycles of 2.6 yd³
- Pneumatic installation equipped with a 4 kw compressor.
- Cement scales with a 2,204 lbs capacity
- Surface required for the installation of the plant 1,830 ft²
- Hydraulic installation, equipped with a 4 kw supply pump and pressure regulation system.
- Requires no special foundations for the installation of the main plant block (only a continuous concrete slab).
- Aggregates are dosed with a 2.6 yd³ weighing conveyor

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] Cement Screw Conveyor	2 screw conveyors for cement.
[Included] Upper Silo Walkway	Upper walkway for communication with silo roofs.
[Included] Additive Dosage System	Dosage system for 2 additives by counter.