



Frumecar Dry 2000C

Static Concrete Batch Plant *Advanced Data Sheet*

Details

Manufacturer	Frumecar
Model	Dry 2000C
Category	Static Concrete Batch Plants

Overview

The Frumecar Dry 2000C, 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 Dry 2000C 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 Dry 2000C 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. 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

Specifications

Number of hoppers Up to 4

Recommended usage Ready Mix

Capacity per batch 2.616 yd³

Dry/Wet Mixing Dry

Aggregates tank 39.2-104.6 yd³

Cement Silos 1 X 3

Control Cabin Yes

Yards per hour Up to 111.2 yd³/h

Absorbed power 34 kW

Mobility Static

Cement Tank 49.702 yd³

Total power 57 kW

Features

✓ Expandable hoppers

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

Add-Ons

Cement Silo

2 cement silos for cement storage.

Cartridge-type Cement Filter

2 cartridge-type cement filters for cement silos.

Cement Screw Conveyor

2 screw conveyors for cement.

Upper Silo Walkway

Upper walkway for communication with silo roofs.

Additive Dosage System

Dosage system for 2 additives by counter.

K2 Standard Computer System

Cement Filling System

Feeding System for Aggregates

Aggregates Moisture Sensor

Mixer Moisture Sensor

Admixtures Dosing System

Admixtures Weighing System

Water Scale

Frequently Asked Questions

What are some advantages to dry plants?

These plants are typically more cost-effective and require less maintenance than wet mix plants because they lack an on-site mixer. Instead, the dry materials—such as cement, aggregates, and admixtures—are loaded into a truck with the water. A separate truck equipped with a drum mixer is then used to mix the dry materials with water.

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