



Frumecar Dry 1000C

Static Concrete Batch Plant **Advanced Data Sheet**

Details

Manufacturer	Frumecar
Model	Dry 1000C
Category	Static Concrete Batch Plants

Overview

The Frumecar Dry 1000C batch plant is the perfect solution for construction companies and concrete manufacturers seeking efficiency and performance. This compact yet powerful plant features a 1.3 cubic-yard dosing cycle, expandable hopper capacity up to 52 cubic yards, with metal ramps allowed only for 32 cubic yards, and advanced moisture sensors and concrete scales for optimal mix quality. Pre-installed at the factory, the Dry 1000C significantly reduces assembly times and requires only a continuous concrete slab for installation, eliminating the need for special foundations. Equipped with an air-conditioned control cab and a sophisticated computer management system, this plant offers the technology of a large-scale facility in a single 40-foot high-cube container. Save time and money while ensuring superior concrete production with the Frumecar Dry 1000C.

Processed Materials

Aggregate, Cement, Sand

Recommended Use

Best For	Construction companies requiring high-efficiency on-site concrete production in a compact setup.
Good For	Those who need a cost-effective, user-friendly, and reliable solution for consistent concrete quality.

Not Built For

Projects that demand extreme concrete production volumes beyond its specified limits.

Best Loader Silos

Specifications

Number of hoppers	0
Recommended usage	Ready Mix
Weight	26,455.493 lb
Capacity per batch	1.308 yd ³
Dry/Wet Mixing	Dry
Aggregates tank	32.7-52 yd ³
Cement Silos	0
Control Cabin	Yes
Yards per hour	Up to 78 yd ³ /h
Absorbed power	31 kW
Mobility	Static
Cement Tank	49.702 yd ³
Total power	44 kW

Features

- ✓ Save Time: The pre-assembled Frumecar Dry 1000S batch plant cuts down on installation time significantly, getting you up and running faster.
- ✓ Superior Quality: Advanced moisture sensors ensure optimal mix quality, resulting in consistently superior concrete production.
- ✓ 8.6" cement screw conveyor
- ✓ Features the technology of a large-scale plant in compact dimensions.
- ✓ Aggregates are dosed with a 1.3 yd³ weighing conveyor
- ✓ Water dosing assembly with meter for better precision
- ✓ Requires no special foundations for the installation of the main plant block (only a continuous concrete slab).
- ✓ Easy transportation: the entire plant (excluding the silos) is transported in one 40' high-cube container.
- ✓ Equipped with air-conditioned control cab and computer management system.
- ✓ Dosing cycles of 1.3 yd³
- ✓ Cement scales with a 1,100 lbs capacity

Add-Ons

Cement Silo

1 cement silo for cement storage

Cartridge-type Cement Filter

1 cartridge-type cement filter for cement silos.

Screw Conveyor

1 screw conveyor for cement

Additive Dosage System

Set of dosage system for 2 additives by counter.

K2 Standard Computer System

Cement Filling System

Filling system for cement silos with SIEMENS motor

Feeding System for Aggregates

Automatic feeding system for aggregates

Aggregates Moisture Sensor

Aggregates moisture HIDRONIX sensor

Mixer Moisture Sensor

Mixer moisture HIDRONIX 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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