



# CONCRET 1000

## ADVANCED DATA SHEET

## DETAILS

<b>Model Name</b>	Concret 1000
<b>Model Title</b>	Dry mix concrete batch plant
<b>Category</b>	Concrete Batch Plants
<b>Type</b>	Static
<b>Brand</b>	Frumecar

## Description

The Frumecar Concret 1000 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, and advanced moisture sensors and concrete scales for optimal mix quality. Pre-installed at the factory, the Concret 1000 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 Concret 1000.

## PROCESSED MATERIALS

- Aggregate
- Cement
- Sand

**RECOMMENDED USE**

<b>Best For</b>	Construction companies requiring high-efficiency on-site concrete production in a compact setup.
<b>Good For</b>	Those who need a cost-effective, user-friendly, and reliable solution for consistent concrete quality.
<b>Not Built For</b>	Projects that demand extreme concrete production volumes beyond its specified limits.
<b>Best Loader</b>	Silos

**KEY SPECIFICATIONS**

<b>Dry/Wet Mixing</b>	Dry
<b>Aggregates tank</b>	33-52 yd3
<b>Yards per hour</b>	78 yd3/h

**OTHER SPECIFICATIONS**

**Number of hoppers**

4

**Weight**

26,455 lbs

**Capacity per batch**

1.3 yd<sup>3</sup>

**Working Size**

Surface of 1,830 ft<sup>2</sup>

**Cement Silos**

1

**Control Cabin**

Included

**Absorbed power**

31 kW

**Cement Tank**

50 yd<sup>3</sup>

**Total power**

44 kW

## FEATURES

- **Save Time:** The pre-assembled Frumecar Concret 1000 batch plant cuts down on installation time significantly, getting you up and running faster.
- Requires no special foundations for the installation of the main plant block (only a continuous concrete slab).
- **Superior Quality:** Advanced moisture sensors ensure optimal mix quality, resulting in consistently superior concrete production.
- **Easy transportation:** the entire plant (excluding the silos) is transported in one 40' high-cube container.
- 8.6" cement screw conveyor
- Equipped with air-conditioned control cab and computer management system.
- Features the technology of a large-scale plant in compact dimensions.
- Dosing cycles of 1.3 yd<sup>3</sup>
- Aggregates are dosed with a 1.3 yd<sup>3</sup> weighing conveyor
- Cement scales with a 1,100 lbs capacity
- Water dosing assembly with meter for better precision

<b>ADD-ONS</b>	<b>DESCRIPTION</b>
<b>[Included] Cement Silo</b>	1 cement silo for cement storage
<b>[Included] Cartridge-type Cement Filter</b>	1 cartridge-type cement filter for cement silos.
<b>[Included] Screw Conveyor</b>	1 screw conveyor for cement
<b>[Included] Additive Dosage System</b>	Set of dosage system for 2 additives by counter.
<b>Cement Filling System</b>	Filling system for cement silos with SIEMENS motor
<b>Feeding System for Aggregates</b>	Automatic feeding system for aggregates
<b>Aggregates Moisture Sensor</b>	Aggregates moisture HIDRONIX sensor
<b>Mixer Moisture Sensor</b>	Mixer moisture HIDRONIX sensor