



Frumecar DRY 3000L

Static Concrete Batch Plant Advanced Data Sheet

Details

Manufacturer	Frumecar
Model	DRY 3000L
Category	Static Concrete Batch Plants

Overview

The dry 3000L is designed for maximum efficiency and reliability in aggregate batching, delivering precise dosing of up to 3.9 yd³ per cycle. Featuring a modular compact hopper group with a capacity of 52 to 160 yd³ and a 2.6 yd³ weighing conveyor, it ensures accurate aggregate measurements for every batch. Its folding design and pre-installed components make transportation and setup easy, with the entire plant (excluding silos) fitting into two 40' high-cube containers. Equipped with a cement weighing system capable of handling 2,205 pounds. The pneumatic installation, powered by a 5.4 HP compressor, ensures smooth and efficient operation. With a streamlined layout requiring only 3229 square feet of installation space, it's perfect for sites with limited room. Combining advanced technology with durability and ease of use, the Dry 3000L is a versatile solution for aggregate processing needs. Boost your productivity with the Dry 3000L, the ultimate choice for high-performance batching.

Processed Materials

Aggregate, Cement, Sand, Water

Recommended Use

Best For	Concrete production at large sites
Good For	High-capacity concrete production
Not Built For	Small capacity concrete production
Best Loader	Silos

Specifications

Number of hoppers	2-4
Recommended usage	Self production / Ready Mix
Weight	61,730 lb
Capacity per batch	3.924 yd ³
Dry/Wet Mixing	Dry
Aggregates tank	52.3-163.5 yd ³
Cement Silos	1 X 4
Control Cabin	Yes
Yards per hour	Up to 157 yd ³ /h
Absorbed power	45 kW
Mobility	Static / Portable
Cement Tank	49.702 yd ³
Total power	73 kW

Features

- ✓ Fully pre-installed at the factory, allowing quick assembly.
- ✓ Scales to weigh cement, with a 3307 lbs weighing capacity.

- ✓ Combines robustness and reliability with ease of use and versatility.
- ✓ Modular aggregate group with built-in loading ramp panels.

- ✓ Surface required for the installation of the plant 3229-ft².
- ✓ Dosing cycles 3.9 yd³.
- ✓ Aggregates dosed with 3.9 yd³ weighing conveyor.
- ✓ Folding design for transport inside containers.
- ✓ Water installation equipped with a 4 kW supply pump and pressure regulation system.
- ✓ Pneumatic installation, equipped with a 4 kw compressor.
- ✓ Equipped with control cab and computer management system.
- ✓ Modular compact hopper group. Capacity 52-160 yd³.

Add-Ons

Cement Silo

Cartridge-type filter for cement

Cement screw conveyor

Cement silo filling system

Automatic aggregate feeding

Aggregates moisture Hidronix 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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