



DRY 3000C

ADVANCED DATA SHEET

DETAILS

Model Name	Dry 3000C
Model Title	Dry mix concrete batch plant
Category	Concrete Batch Plants
Type	Static
Brand	Frumecar

Description	<p>The Frumecar Dry 3000C is an industry-leading concrete plant that merges high performance with innovative technology. Designed to accommodate even the most demanding construction projects, this plant features an enhanced production capacity and advanced process control. An optimized design promotes efficient material handling and unrivalled concrete quality while maintaining rigorous environmental standards.</p> <p>The Frumecar Dry 3000C is engineered for seamless setup and operation, making it the premier choice for large-scale infrastructure developments. The Frumecar Dry 3000C batch plant excels in high-efficiency production with a 4 cubic-yard dosing cycle and expandable hopper capacity. It ensures superior mix quality through advanced sensors and precise weighing.</p> <p>Factory pre-assembly and minimal foundation requirements save time and costs. Featuring advanced automation and an air-conditioned control cab, it offers ease of use and excellent quality control.</p>
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PROCESSED MATERIALS

- Aggregate
- Cement
- Sand

RECOMMENDED USE

Best For	Large-scale construction sites that demand high-volume, high-quality on-site concrete production. Large infrastructure projects needing high-capacity batching.
Good For	Concrete production in complex locations. Mid to large-sized projects requiring efficient and reliable concrete solutions. Quick setup and minimal foundation work due to pre-installed factory setup.
Not Built For	Small-scale projects with more complex and smaller sites.
Best Loader	Silos

KEY SPECIFICATIONS

Dry/Wet Mixing	Dry
Aggregates tank	39.2-104.6 yd ³
Yards per hour	Up to 157.0 yd ³ /h

OTHER SPECIFICATIONS	
Recomended usage	Ready Mix
Weight	33,730.754 lb
Capacity per batch	3.924 yd³
Cement Silos	Missing information X Missing information
Control Cabin	Yes
Absorbed power	39 kW
Mobility	Static
Cement Tank	99.404 yd³
Total power	66 kW

FEATURES

- Easy transportation: the entire plant (excluding the silos) is transported in one 40' high-cube container.
- Requires no special foundations for the installation of the main plant block (only a continuous concrete slab).
- Features the technology of a large-scale plant in compact dimensions.
- Cement scales with a 3,307 lbs capacity
- Water dosing assembly with meter for better precision
- Pneumatic installation equipped with a 4 kw compressor.
- Hydraulic installation, equipped with a 4 kw supply pump and pressure regulation system.
- 10.7" cement screw conveyor
- Dosing cycles of 4 yd3
- Surface required for the installation of the plant 1,830 ft2
- Aggregates are dosed with a 4 yd3 weighing conveyor
- Short setup time - fully pre-installed at the factory
- Equipped with air-conditioned control cab and computer management system.

ADD-ONS	DESCRIPTION
Cement Silo	2 cement silos for cement storage.
Cartridge-type Cement Filter	2 cartridge-type cement filters for cement silos.
Screw Conveyor	2 cement screw conveyors.
Additive Dosage System	Dosage system for 2 additives by counter.
Upper Silo Walkway	Upper walkway for communication with silo roofs.

FAQ	
Does a dry mix plant add water during the mixing process?	No, a dry mix plant does not add water during the mixing process. 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. A separate truck equipped with a drum mixer is then used to mix the dry materials with water at the required location, ensuring the mix is prepared fresh when needed.