



EBA 500

ADVANCED DATA SHEET

DETAILS

Model Name EBA 500

Model Title EBA 500

Category Concrete Batch Plants

Type Static

Brand Frumecar

Description

The Frumecar EBA 500 mobile concrete batching plant is an ideal solution for small to medium-sized construction projects requiring quick setup and mobility. This efficient plant features a 0.65 cubic-yard dosing cycle and a state-of-the-art control system for precise batching and mixing, ensuring high-quality concrete production. With a 32-52 cubic-yard aggregate hopper capacity and advanced moisture sensors, it guarantees consistent mix standards. The EBA 500's compact and pre-assembled design allows for rapid installation without the need for special foundations, making it perfect for temporary sites and projects with space constraints. Additionally, its user-friendly interface and robust performance enhance productivity and operational efficiency. Optimize your concrete production with the reliable and versatile Frumecar EBA 500.

PROCESSED MATERIALS

- Aggregate
- Cement
- Sand

RECOMMENDED USE

Best For On-site production of concrete. Small to medium projects where quality and ease of use are critical.

Good For Smaller scale production. On-site production with quick setup and manageable footprint.

Not Built For High-demand projects requiring continuous large-volume batching.

Best Loader Silos

KEY SPECIFICATIONS

Dry/Wet Mixing Wet

Aggregates tank 32.7-52.3 yd³

Yards per hour Up to 22 yd³/h

OTHER SPECIFICATIONS

Recommended usage Self production / Ready Mix

Weight 38,580.927 lb

Capacity per batch 0.654 yd³

Working Size 39'12" X 8' X 9'10"

Cement Silos 1

Control Cabin Yes

Absorbed power 48 kW

Mobility Static / Portable

Cement Tank 49.702 yd³

Total power 55 kW

FEATURES

- Dosing cycles of 0.65 yd³.
- Hydraulic installation, equipped with a 4 kw supply pump and pressure regulation system.
- Pneumatic installation equipped with a 4 kw compressor.
- FTR 750/500 turbo concrete mixer.
- The entire assembly (excluding the silos) can be transported in a single 40' high cube container.
- 6.6" cement screw conveyor.
- Requires no special foundations for the installation of the main plant block (only a continuous concrete slab).
- Surface area required to install the plant 1,722 ft².
- Pre-installed at the factory, reducing the assembly times.
- Equipped with air-conditioned control cab and computer management system.
- Group of 4 hoppers on 32 yd³ panel (expandable to 52 yd³ with automatic feeding system).
- Water dosing assembly with meter.
- Scales for cement, with a 661 lbs weighing capacity.
- Aggregates dosed with 0.65 yd³ weighing conveyor.
- State-of-the-art technology in the most compact dimensions

ADD-ONS	DESCRIPTION
[Included] Cement Silo	1 Horizontal cement silo for cement storage.
[Included] Cartridge-type filter for cement	1 cartridge-style cement filter for cement silo.
[Included] Screw Conveyor	1 screw conveyor for cement.
[Included] Additive Dosage System	Dosage system for 2 additives by counter.