



EBA 1000

ADVANCED DATA SHEET

DETAILS**Model Name**

EBA 1000

Model Title

Medium static wet concrete batch plant

Category

Concrete Batch Plants

Type

Static

Brand

Frumecar

Description

The Frumecar EBA 1000 mobile concrete batching plant is designed for concrete production with minimal setup. This compact machine features a 1.3 cubic-yard dosing cycle along with a sophisticated control system, ensuring accurate batching and mixing for high-quality concrete. With an aggregate hopper capacity ranging from 32 to 52 cubic yards and high-accuracy moisture sensors, it consistently upholds mix standards. Its pre-assembled, sturdy structure allows for quick installation without the necessity for special foundations, making it a perfect choice for temporary and medium-scale construction ventures. Moreover, the EBA 1000's intuitive interface and dependable performance boost productivity and operational efficiency. Enhance your concrete production with the versatile and reliable Frumecar EBA 1000.

PROCESSED MATERIALS

- Aggregate
- Cement
- Sand

RECOMMENDED USE

Best For On-site production of wet mix concrete. Medium-sized projects needing efficient, reliable batching.

Good For Medium scale production of concrete.

Not Built For Projects needing very large-scale production beyond 65 cubic yards per hour.

Best Loader Silo

KEY SPECIFICATIONS

Dry/Wet Mixing Wet

Aggregates tank 32-52 yd³

Yards per hour 65 yd³/h

OTHER SPECIFICATIONS

Number of hoppers	4
Weight	44,092 lbs
Capacity per batch	1.3 yd3
Mixer Type	FTR 1500/1000 Turbo concrete mixer
Working Size	1,722 ft2
Cement Silos	1
Control Cabin	Included
Absorbed power	66 kW
Cement Tank	50 yd3
Total power	78 kW

FEATURES

- **Efficient Assembly:** Pre-installed at the factory, significantly reducing assembly times.
- **Quick Installation:** Requires no special foundations for the main plant block, just a continuous concrete slab.
- **Advanced control of your concrete mix:** Equipped with an air-conditioned control cab and a computer management system.
- **Dosing cycles of 1.3 yd³.**
- **Compact Power:** Features the technology of a large-scale plant in compact dimensions.
- **High-Performance Mixer:** FTR 1500/1000 Turbo concrete mixer for superior mixing.
- **Accurate weighing:** Scales for cement, with a 1,102 lbs weighing capacity.
- **Easy Transport:** Can be transported in a single 40' high cube container (excluding silos).
- **Group of 4 hoppers on 32 yd³ panel** (expandable to 52 yd³ with automatic feeding system).
- **Accurate Aggregate Dosing:** Aggregates dosed with a 1.3 yd³ weighing conveyor.
- **Precise Water Dosing:** Water dosing assembly with a meter for precise control.
- **Hydraulic installation,** equipped with a 4 kw supply pump and pressure regulation system.
- **Pneumatic installation** equipped with a 4 kw compressor.
- **Compact Footprint:** Requires only 1,722 ft² for plant installation.
- **Efficient Cement Handling:** 8.6" cement screw conveyor for smooth operation.

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