



ECA1000

ADVANCED DATA SHEET

DETAILS	
Model Name	ECA1000
Model Title	ECA1000
Category	Concrete Batch Plants
Type	Mobile
Brand	Frumecar
Description	<p>The Frumecar ECA 1000 is a fully mobile concrete batching plant designed for rapid setup and efficient on-site concrete production, offering a compact footprint and a maximum output of approximately 65.4 yd³/h. It features a high-performance FTR 1500/1000 turbo mixer, precise aggregate and cement dosing systems, and a climate-controlled control cabin with an integrated computer system for easy operation. Its plug-and-play design allows for full assembly in just one day without special foundations, making it ideal for dynamic construction environments</p>

PROCESSED MATERIALS	
	<ul style="list-style-type: none">CementConcreteSandWater

RECOMMENDED USE	
Best For	On site mixing for concrete, cold asphalt, and cementitious mixtures / additives. Great for shotcrete, self leveling floors, pool, and self compacting applications. High-capacity concrete production with mobile flexibility.
Good For	Avoiding reliance on ready mix schedules, minimum qualities, and leftovers. Large construction sites needing consistent, customizable concrete supply.
Not Built For	Small capacity concrete production. Projects with limited space or small, occasional concrete batches.
Best Loader	Skid Steer, loader or silos.

KEY SPECIFICATIONS	
Admixtures	Yes
Dry/Wet Mixing	Wet
Yards per hour	Up to 65.4 yd³/h

OTHER SPECIFICATIONS	
Water tank capacity	Up to 79 gallon
Transport Size (L x W x H)	45'5.2" X 8'4.4" X 13'1.5"
Recomended usage	Self production
Batches per hour	50
Weight	46,297.113 lb
Aggregates tank	26.2-52.3 yd³
Mobility	Mobile / Wheeled/Towed
Cement Tank	49.702 yd³
Mixed dry/wet	No
Engine Type	SIEMENS
Working Size (L x W x H)	45'6.1" X 13'1.5" X 8'4.4"

FEATURES

- Short setup time - fully pre-installed at the factory
- Cement silos between 1-3
- 4 Aggregate hoppers
- Automatic feeding system for aggregates
- Aggregates moisture HIDRONIX sensor
- Pneumatic installation equipped with a 4 kw compressor.
- Mixer moisture HIDRONIX sensor
- Admixtures dosing system
- Admixtures weighing system
- Water scale
- FTR 1500/1000 Turbo concrete mixer
- Surface required for the installation of the plant 203yd²

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