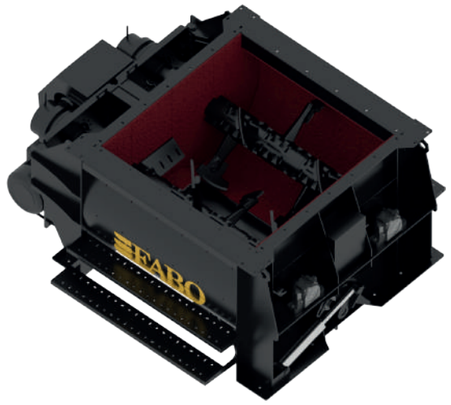
FABO
CRUSHING SCREENING & CONCRETE BATCHING PLANTS

TURBOMIX-120

MOBILE CONCRETE BATCHING PLANT



MIXER FEATURES





TECHNICAL SPECIFICATIONS

BASIC TECHNICAL SPECIFICATIONS	DATA
Mixer	Twin Shaft Mikser 3 m³
Loading Capacity	4500 L
Fresh Concrete Capacity	3750 L
Compacted Concrete Capacity	3000 L

BASIC TECHNICAL SPECIFICATIONS	DATA
Engine Power	2x55 kW
Discharge Method	Hydraulic Cover

Note: All weights and measurements are valid for standard units only.

TRANSFER DIMENSIONS



WORKING DIMENSIONS



Weight: 42500 kg

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TURBOMIX-120 MOBILE CONCRETE BATCHING PLANT

HIGH PERFORMANCE, PORTABLE AND EFFICIENT SOLUTION

Turbomix-120 is a mobile concrete batching plant developed by FABO Global, offering fast installation and high production capacity. It provides maximum efficiency in different construction site conditions with its 120 m³/hour production capacity, powerful mixer unit, sensitive weighing system and advanced automation technology. The compactly designed structure on a single chassis offers easy portability, minimum assembly time and low operating costs. It offers a reliable concrete production solution thanks to durable construction, long-lasting equipment and factory quality control processes.

HIGHLIGHTED FEATURES:

– Since the entire facility is assembled on a single chassis, transportation and Provides ease of installation. It can be transported with a single tractor.
– Automatic weighing of aggregate, water, cement and additives (load cell) and precision—concrete quality and mix homogeneity In this way, it increases.
– Transport and working dimensions in accordance with European standards *(optional)* *
– Designed for fuel savings and low operating costs.
– An integrated cement silo can be added optionally; This This eliminates the need for external silo installation.

PRODUCTION CAPACITY:

120 M³/S

FEATURES	DATA
Equipment:	Twin Shaft Mixer - Floor Feed *(optional)*
Total Power:	140 kW
Transport dimensions:	18000 mm (Length) 3500 mm (Width) 4700 mm (Height)
Weight:	42500 kg

1 Aggregate Bunker
–Bunker Capacity: 60 m³
– Ground Height: 6547 mm
– One eye width: 3926 mm
– Number of Compartments: 4
– For production in cold conditions heating system available
– 6 mm ST-37 A1 quality for longer life It is made of specially curved sheet metal.
– Increases fluidity in the sand compartment There are 4 0.37 kW vibro motors.
– Discharge is provided by pneumatic piston.

2 Aggregate Weighing Bunker
– Body Material: ST-37 5 mm A1 quality sheet metal
– Vibro Motor: 0.37 kW 2 units
– Loadcell Type: S
– Discharge System: Pneumatic

3 Belt Transfer System
– Band Dimensions: 1200 mm x 14000 mm
– Chassis Material: 10 mm metal sheet
– Engine: 18.5 kW
– Conveyor Belt: EP 125 quality 4 layers wear-resistant rubber band
– Belt Thickness: 10 mm
– Equipped with emergency stop button.

4 Twin Shaft Mixer (Double Shaft)
– 3 m³ fresh concrete capacity
– For production in cold conditions heating system available
– Hydraulically driven discharge cover
– Automatic lubrication system
– High-strength wear parts inside the mixer
– High efficiency reducer and motor
– Emergency stop safety measure
– Ready mixed concrete, precast concrete, roller compacted concrete and RCC production capability

11 Ground Feed Hopper *(optional)* *
–800mm
– Belt length: 18950 mm
– Engine power: 11 kW
– Eliminates the need for ramps
– Easy aggregate from ground level offers the possibility of loading



5 Concrete Plant Upper Group
– cement weighing
– Water weighing
– Additive weighing

10 Spiral
– Ø 273x12.000 mm
– Engine power: 15 kW

9 Cement Silo
– Special system cement screw
– Volume: 100 tons (Bolt or welded)
– Filter: 25 m² upper area (WAM brand)
– Protection flap of the silo: WAM brand
– Level indicators: 2 each
– Silo Filling pipe: Ø 114 mm steel pipe
– Feet: Ø219 mm x 8 mm profile
– 3 fluidizers in each silo
– Ban

6 Automation System
– Concrete production according to recipe
– PLC controlled automation: Manages all production processes automatically.
– Precision weighing sensors (loadcell): Provides aggregate, cement, water and additive dosage.
– Automatic material dosing: Homogeneous mixture in accordance with standards.
– Production data recording: Process monitoring and reporting.
– Alarm and safety system: Automatic stop and warning in case of malfunction and danger.
– Energy and time saving: Efficient and uninterrupted production opportunity.

7 Axle System
– It is produced as 2 axles.

* OPTIONAL

8 Air Compressor
– Compressed Air Volume: 500 lt
– Brand: DALGAKIRAN
– Origin: Türkiye
– Type: Belt Piston Compressor
– Engine: 7.5 kW
– Maximum Air Pressure: 10 bar

ADDITIONAL TECHNICAL SPECIFICATIONS

- **Cement Weighing**
  – Volume: 2430 kg (1.62 m³)
  – Body: ST-37 A1 quality 4 mm
  – Actuated valve
  – Loadcell: 3 x 1000 kg
- **Weighing Water**
  –Volume: 1230 kg (1.23 m³)
  – Body: ST-37 A1 quality 5 mm
  – Actuated valve
  – Loadcell: 4 x 1000 kg
- **Additive Weighing**
  –Volume: 35 lt (0.03 m³)
  – Body: ST-37 A1 quality 3 mm
  – Actuated valve
  – Loadcell: 1 x 100 kg

TURBOMIX-120 MOBILE CONCRETE BATCHING PLANT TECHNICAL SPECIFICATIONS

Production Capacity	Aggregate Bunker	Tape Capacity	Mixer Capacity	Mixer Type	Cement Weighing	Weighing Water	Additive Weighing	Control Systems	Control Cabinet	Screw Diameter	Compressor
120 m³/h	4 x 25 m³	5000 kg	3000/4500 L	Twin Shaft	2430 kg	1230 L	35 L	Siemens Or ABB	Including	Ø 273 mm	Including

STANDART ÖZELLİKLER



Twin Shaft mixer is fast and efficient in high capacity concrete production. It is a double shaft mixer that provides homogeneous mixture.



Automation system and control cabinet of concrete plant Precisely, safely and fully integrated all production processes It is the central control infrastructure that manages the



Aggregate bunker is used to store materials of different sizes in an orderly, controlled and The foundation of the concrete plant that provides high capacity feeding It is a storage and dosing unit.



Axle is the vehicle that carries the load on the mobile chassis of the concrete batching plant and It is the basic carrier axle structure that provides safe mobility.



(optional)
This system, which eliminates the need for ramps, saves fuel and time in aggregate loading. saves money; aggregate into the desired bunker chamber with a belt transfer system. transfers precisely.

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