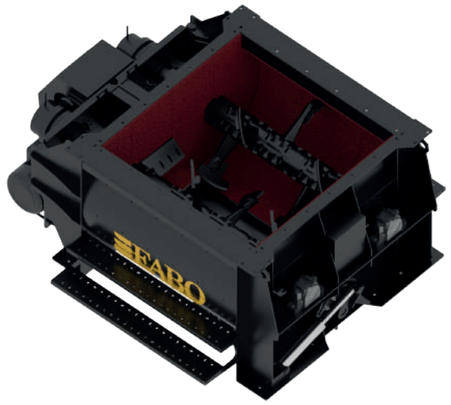
FABO
CRUSHING SCREENING & CONCRETE BATCHING PLANTS

# TURBOMIX-60
## MOBILE CONCRETE BATCHING PLANT




### MIXER SPECIFICATIONS







### TECHNICAL SPECIFICATIONS

| SPECIFICATIONS | DATA |
|---|---|
| Mixer | Twin Shaft Mixer 1,0 m³ |
| Loading Capacity | 1500 L |
| Fresh Concrete Capacity | 1250 L |
| Compacted Concrete Capacity | 1000 L |

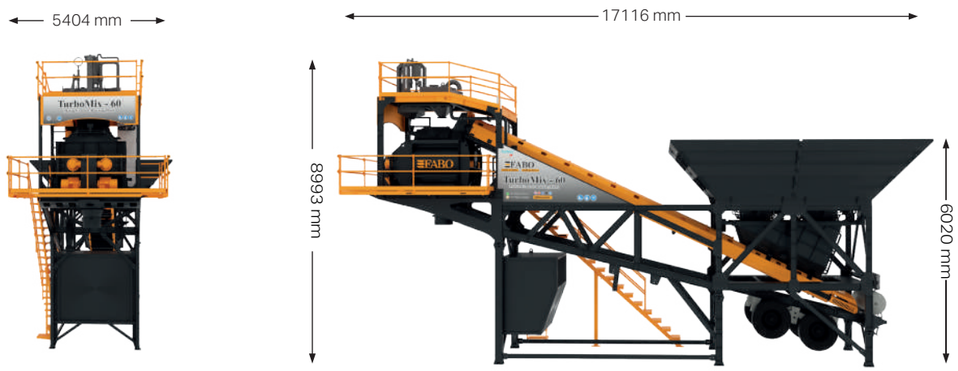
| SPECIFICATIONS | DATA |
|---|---|
| Motor Power | 2 x 18,5 kW |
| Discharge Type | Hydraulic Cover |

Note: All weights and dimensions apply to standard units only.

### TRANSPORT DIMENSIONS




### WORKING DIMENSIONS




Weight : 26000 kg

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# TURBOMIX-60 MOBILE CONCRETE BATCHING PLANT

## HIGH-PERFORMANCE, PORTABLE, AND EFFICIENT SOLUTION

Turbomix-60 is a mobile concrete batching plant developed by FABO Global, offering rapid installation and high production capacity. With a production capacity of 60 m³/hour, a powerful mixer unit, precise weighing system, and advanced automation technology, it ensures maximum efficiency under various jobsite conditions. Its compact single-chassis design provides easy transportability, minimal assembly time, and low operating costs. Thanks to its durable construction, long-lasting components, and factory-level quality control processes, it delivers a reliable concrete production solution.

## KEY FEATURES:

– Since the entire plant is assembled on a single chassis, it provides ease of transportation and installation. It can be transported with a single truck.
– Automatic and precise weighing (load-cell based) of aggregate, water, cement, and additives enhances concrete quality and mixture homogeneity.
* – An optional integrated cement silo can be added, eliminating the need for an external silo installation.
– Transport and operating dimensions comply with European standards.
– Designed for fuel efficiency and low operating costs.

# PRODUCTION CAPACITY:

## 60 M³/H

| SPECIFICATIONS | DATA |
|---|---|
| Equipment: | Twin Shaft |
| Total Power: | 60 kW |
| Transport Dimensions: | 15800 mm (Length)<br>3500 mm (Width)<br>4636 mm (Height) |
| Weight: | 26000 kg |

(1) **Aggregate Bunker**
– Bunker Capacity: 40 m³
– Number of Compartments: 4 × 10 m³
– Manufactured from 6 mm ST-37 A1 quality specially folded steel for longer durability.
– The sand compartment is equipped with two 0.37 kW vibration motors to improve material flow.
– Discharge is achieved via a pneumatic piston.
* An optional heating system is available for operation in cold conditions.

(10) **Screw Conveyor**
– Ø 220 x 9000 mm
– Motor Power: 9.2 kW

(9) **Cement Silo**
– Special system cement screw conveyor
– Capacity: 100 tons (bolted or welded)
– Filter: 25 m² top surface area (WAM brand)
– Silo protection flap: WAM brand
– Level indicators: 2 units per silo
– Silo filling pipe: Ø 114 mm steel pipe
– Legs: Ø 219 mm × 8 mm profile
– Each silo is equipped with 3 flow aid devices

(8) **Air Compressor**
– Compressed Air Volume: 300 L
– Brand: DALGAKIRAN
– Origin: Turkey
– Type: Belt-Driven Piston Compressor
– Motor: 5.5 kW
– Maximum Air Pressure: 10 bar

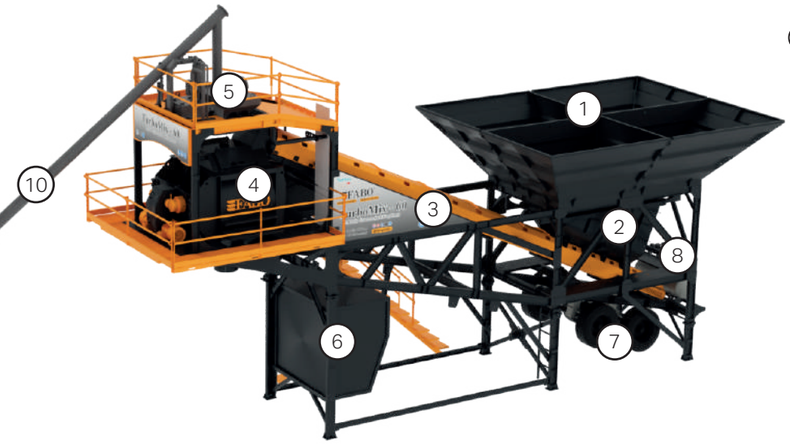



* OPTIONAL

(7) **Axle System**
– Manufactured with 2 axles.

(2) **Aggregate Weighing Hopper**
– Weighing Capacity: 1.5 m³
– Body Material: ST-37 5 mm A1 quality steel sheet
– Vibro Motor: 2 units, 0.37 kW,
– Load Cells: 4 units, 2000 kg each

(3) **Belt Transfer System**
– Belt Dimensions: 600 mm × 10,290 mm
– Chassis Material: 5 mm metal sheet
– Motor: 11 kW
– Bearings: FAG-SKF or equivalent brands
– Conveyor Belt: EP 125 quality, 4-layer wear-resistant rubber belt
– Belt Thickness: 10 mm
– Equipped with an emergency stop button




(4) **Twin Shaft Mixer (Dual Shaft)**
– 1.0 m³ fresh concrete capacity
– Hydraulic-driven discharge gate
– Automatic lubrication system
– High-strength wear parts inside the mixer
– High-efficiency gearbox and motor
– Emergency stop safety feature
– Capable of producing ready-mix concrete, precast concrete, roller-compacted concrete (RCC)
* Optional heating system for operation in cold conditions

(5) **Concrete Plant Upper Structure**
– Cement Weighing
– Water Weighing
– Additive Weighing

(6) **Automation System**
– Concrete production according to the mix design
– PLC-controlled automation: Automatically manages all production processes.
– Precision weighing sensors (load cells): Ensures accurate dosing of aggregate, cement, water, and additives.
– Automatic material dosing: Provides a homogeneous mixture in compliance with standards.
– Production data recording: Enables process monitoring and reporting.
– Alarm and safety system: Automatic stop and alerts in case of faults or hazards.
– Energy and time savings: Allows efficient and uninterrupted production.

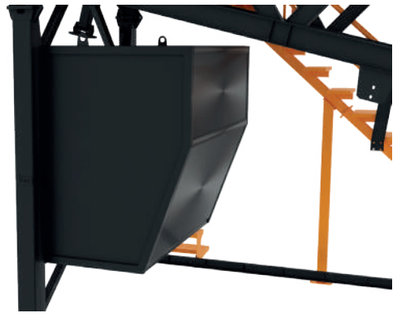
## TURBOMIX-60 MOBILE CONCRETE BATCHING PLANT – TECHNICAL SPECIFICATIONS

| Production Capacity | Aggregate Bunker | Belt Capacity | Mixer Capacity | Mixer Type | Cement Weighing | Water Weighing | Additive Weighing | Control Systems | Control Cabin | Screw Diameter | Compressor |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 60 m³/h | 4 x 10 m³ | 2500 kg | 1000/1500 L | Twin Shaft | 2200 kg | 330 L | 40 L | Siemens Or ABB | Included | Ø 219 mm | Included |

## STANDARD FEATURES



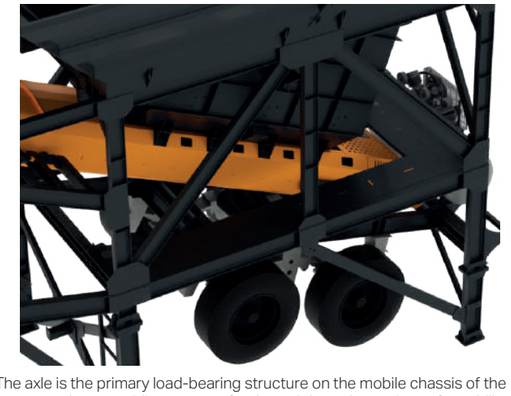

The Twin Shaft mixer is a dual-shaft mixer that provides fast and homogeneous mixing in high-capacity concrete production.



The automation system and control cabin constitute the central control infrastructure that manages all production processes of the concrete plant with precision, safety, and full integration.



The aggregate bunker is the primary storage and dosing unit of the concrete plant, ensuring organized, controlled, and high-capacity feeding of materials of different sizes.



The axle is the primary load-bearing structure on the mobile chassis of the concrete plant, providing support for the weight and ensuring safe mobility.


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