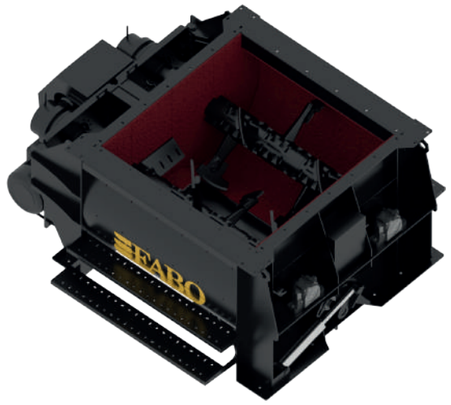
FABO
CRUSHING SCREENING & CONCRETE BATCHING PLANTS

COMPACT-110

COMPACT
CONCRETE BATCHING PLANT



MIXER FEATURES





TECHNICAL SPECIFICATIONS

BASIC TECHNICAL SPECIFICATIONS	DATA
Mixer	Twin Shaft Mixer 2 m³
Loading Capacity	3000 L
Fresh Concrete Capacity	2500 L
Compacted Concrete Capacity	2000 L

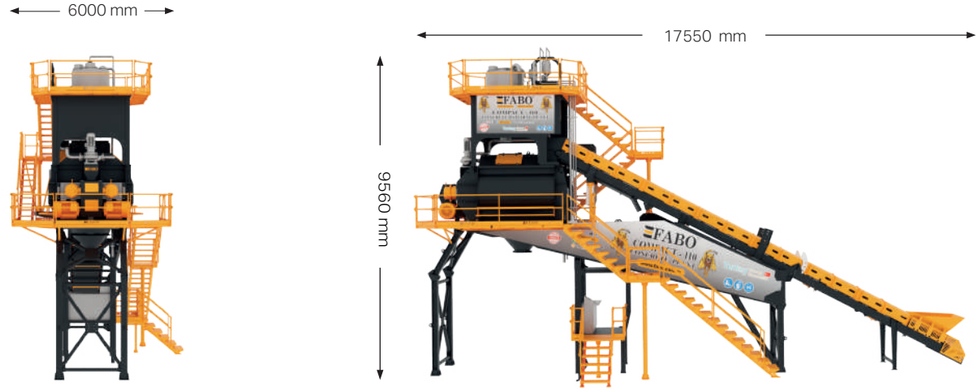
BASIC TECHNICAL SPECIFICATIONS	DATA
Motor Power	2x37 kW
Discharge Method	Hydraulic Gate

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

TRANSFER DIMENSIONS



WORKING DIMENSIONS



Weight: 22000 kg

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COMPACT-110 COMPACT CONCRETE BATCHING PLANT

LESS SPACE, MORE PRODUCTİON

COMPACT-110 is a compact concrete batching plant developed by FABO Global, combining high production capacity and efficiency with a compact design. With a production capacity of 100-110 m³/hour, a powerful mixer unit, a precise weighing system, and advanced automation technology, it delivers maximum performance even in demanding projects. Thanks to its modular and compact structure, it can be installed with minimum space requirements, offering fast installation advantages and easy portability. It provides a reliable, uninterrupted, and high-quality concrete production solution with low operating costs, durable construction, long-lasting equipment, and factory-based quality control processes.

FEATURES:

– Since the entire plant is integrated on a single chassis, it provides ease of transportation and installation. It can be transported with a single tractor unit.
– The weighing of aggregate, water, cement, and additives is automatic (load cell-based) and precise—thereby increasing concrete quality and mixture homogeneity.
– Transport and operating dimensions in compliance with European standards
– It is designed for fuel efficiency and low operating costs.

PRODUCTION CAPACITY:

100-110 M³/S

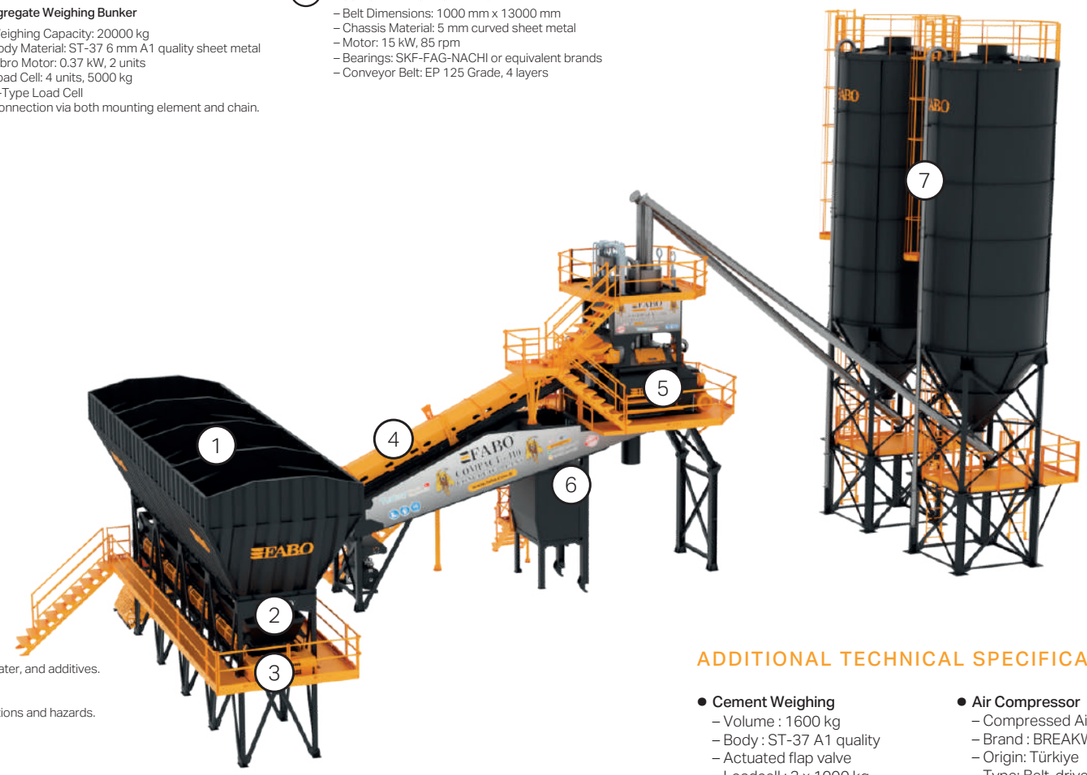
FEATURES	DATA
Equipment:	Twin Shaft
Total Power:	148 kW
Transport dimensions:	11860 mm (Length) 2320 mm (Width) 2650 mm (Height)
Weight:	22000 kg

1 Aggregate Bunker
– Bunker Capacity: 80 m³
– Number of Compartments: 4x20 m³
– It is manufactured from 6 mm ST-37 A1 quality specially curved sheet metal for longer service life.
– The sand compartment includes four 0.37 kW vibro motors to increase flowability.
– Discharge is provided by a pneumatic piston.

2 Aggregate Weighing Bunker
– Weighing Capacity: 20000 kg
– Body Material: ST-37 6 mm A1 quality sheet metal
– Vibro Motor: 0.37 kW, 2 units
– Load Cell: 4 units, 5000 kg
– S-Type Load Cell
– Connection via both mounting element and chain.

3 Aggregate Weighing Conveyor Belt
– Belt Dimensions: 1000 mm x 13000 mm
– Chassis Material: 5 mm curved sheet metal
– Motor: 15 kW, 85 rpm
– Bearings: SKF-FAG-NACHI or equivalent brands
– Conveyor Belt: EP 125 Grade, 4 layers

7 Cement Silo
– Special system cement screw conveyor.
– Volume: 100 tons (bolted or welded)
– Filter: 25 m² top area
– Silo safety flap
– Level indicators: 2 each
–Silo filling pipe: Ø 114 mm steel pipe
– Legs: Ø 219 mm x 8 mm profile
– Each silo contains 8 fluidizers.



6 Automation System
– Concrete production according to the recipe.
– PLC-controlled automation: Automatically manages all production processes.
– Precision load cells: Provide precise dosage control for aggregates, cement, water, and additives.
–Automatic material dosing: Homogeneous mixing according to standards.
– Production data recording: Process monitoring and reporting.
– Alarm and safety system: Automatic shutdown and warning in case of malfunctions and hazards.
– Energy and time savings: Enables efficient and uninterrupted production.

4 Belt Transfer System
– Tape Dimensions: 1000 mm x 14800 mm
– Chassis Material: 5 mm bent sheet metal
– Motor : 15 kW
– Bearings: FAG-SKF or equivalent brands
– Conveyor Belt: EP 125 grade 4-layer wear-resistant rubber belt
– Belt Thickness: 10 mm
– Drive Drums: Ø 270 mm - 5 mm thickness
Drive drums are covered with rubber.
– It is equipped with an emergency stop button.

5 Twin Shaft Mixer
– 2 m³ wet concrete capacity
– Hydraulically operated discharge hatch
– Automatic lubrication system
– High-strength mixer internal wear parts.
– High-efficiency gearbox and motor.
– Emergency stop safety measure.
– Ready-mixed concrete, precast concrete, roller-compacted concrete and RCC production capability.

ADDITIONAL TECHNICAL SPECIFICATIONS

- **Cement Weighing**
  – Volume : 1600 kg
  – Body : ST-37 A1 quality
  – Actuated flap valve
  – Loadcell : 3 x 1000 kg
- **Weighing Water**
  – Volume: 650 liters
  – Fuselage: ST-37 A1 quality
  – Actuated flap valve
  – Load cells: 4 x1000 kg
- **Air Compressor**
  – Compressed Air Volume: 500 lt
  – Brand : BREAKWATER
  – Origin: Türkiye
  – Type: Belt-driven piston compressor
  – Engine: 5.5 hp
  – Maximum Air Pressure: 10 bar
- **Additive Weighing**
  –Volume: 4 x 30 liters
  – Fuselage: ST-37 A1 quality
  – Actuated flap valve
  – Loadcell :4x100 kg
  – Standard 1 contribution
  * 4 optional contributions

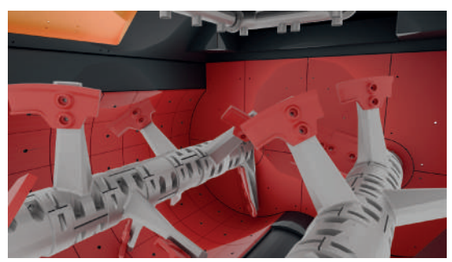
COMPACT-110 COMPACT CONCRETE BATCHING PLANT TECHNICAL SPECIFICATIONS

Production Capacity	Aggregate Bunker	Conveyor Capacity	Loading Method	Mixer Capacity	Mixer Type	Cement Weighing	Water Weighing	Admixture Weighing	Control Systems	Control Cabin	Screw Diameter	Compressor
100-110 m³/h	4 x 20 m³	3300 kg	Belt / Bucket	2000/3000 L	Twin Shaft	1600 kg	650 L	30 L	Siemens Or ABB	Included	Ø 273 mm	Included

STANDARD FEATURES



Twin Shaft mixer and integrated upper group are designed to ensure fast, homogeneous, and continuous operation in high-capacity concrete production.



The Twin Shaft mixer mixing arms, with their high wear resistance structure, mix the material homogeneously in a short time, providing efficient and long-lasting use.



The automation system and control cabin are the central control infrastructure that manages allproduction processes of the concrete plant in a precise, safe and fully integrated manner.



The cement silo, thanks to its high storage capacity and durable body structure, ensures the safe, continuous, and controlled feeding of cement.



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



* The bucket system, which transports the aggregate and lifts it to feed the mixer unit provides fast, safe, and efficient concrete production with its robust steel structure and compact design.

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