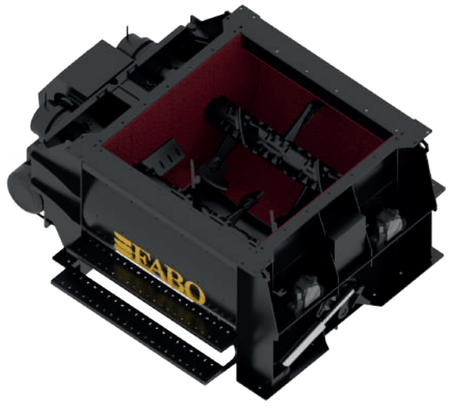
FABO
CRUSHING SCREENING & CONCRETE BATCHING PLANTS

COMPACT-60

COMPACT
CONCRETE BATCHING PLANT



MIXER FEATURES





TECHNICAL SPECIFICATIONS

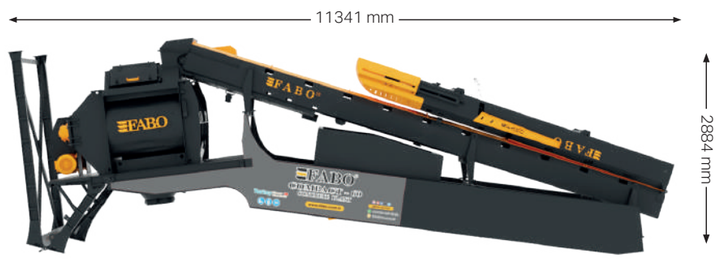
BASIC TECHNICAL SPECIFICATIONS	DATA
Mixer	Twin Shaft Mikser 1,0 m³
Loading Capacity	1500 L
Fresh Concrete Capacity	1250 L
Compacted Concrete Capacity	1000 L

BASIC TECHNICAL SPECIFICATIONS	DATA
Engine Power	2x18.5 kW
Discharge Method	Hydraulic Cover

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

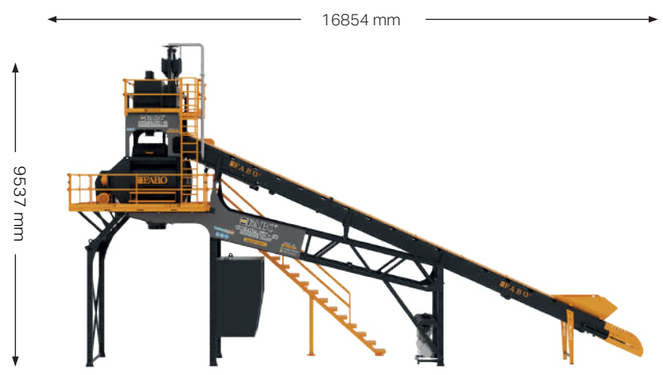
TRANSFER DIMENSIONS





WORKING DIMENSIONS





Weight: 13041 kg

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COMPACT-60 COMPACT CONCRETE BATCHING PLANT

LESS SPACE, MORE PRODUCTİON

COMPACT-60 is a compact concrete plant developed by FABO Global, combining high production capacity and efficiency with a compact design. It provides maximum performance even in busy projects with its 50-60 m³/hour production capacity, powerful mixer unit, sensitive weighing system and advanced automation technology. modular Thanks to its compact structure, it can be installed with minimum space requirements and offers the advantage of fast assembly 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 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
- Designed for fuel savings and low operating costs.

PRODUCTION CAPACITY:

50-60 M³/H

FEATURES	DATA
Equipment:	Twin Shaft
Total Power:	85 kW
Transport dimensions:	11341 mm (Length) 2596 mm (Width) 2884 mm (Height)
Weight:	13041 kg

1 Aggregate Bunker
- Bunker Capacity: 48 m³
- Number of Compartments: 4x12 m³
- 6 mm ST-37 A1 quality for longer life
  It is made of specially curved sheet metal.
- The sand compartment is equipped with four 0.37 kW vibration motors to improve material flowability.
- Discharge is provided by pneumatic piston.
- Moisture meter (optional)
- Grill and cover (optional)

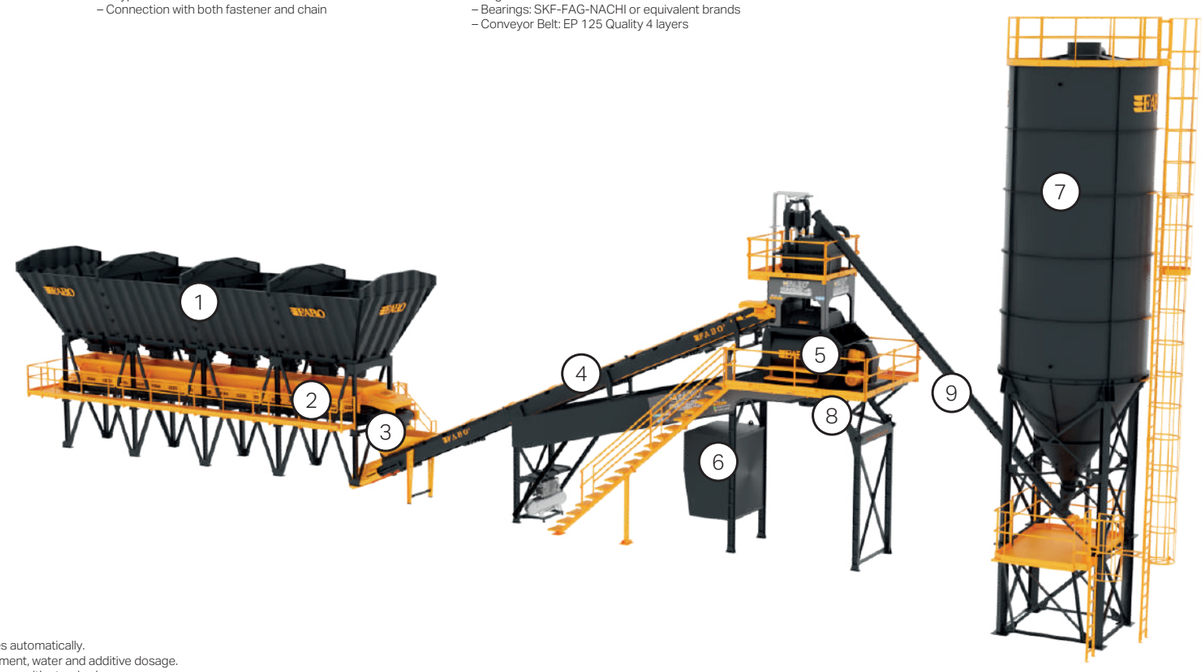
2 Aggregate Weighing Bunker
- Weighing Capacity: 2500 kg
- Body Material: ST-37 6 mm A1 quality sheet metal
- S type loadcell
- Connection with both fastener and chain

3 Aggregate Weighing Belt
- Tape Dimensions: 800 mm x 12100 mm
- Chassis Material: 5 mm curved sheet metal
- Engine: 11 kW 89 RPM
- Bearings: SKF-FAG-NACHI or equivalent brands
- Conveyor Belt: EP 125 Quality 4 layers

9 Screw System
- WAM brand spiral
- Ø 219x9000 mm 2 pieces

8 Discharge Chute
- Stylish design with non-stick slope
- Body Material: ST-37 6 mm A1 quality sheet metal
- Wearproof Material: Hardox 450 10 mm A1 quality sheet
- 0.37 kW vibro motor
- Bolted components for ease of maintenance

7 Cement Silo
- Special system cement screw
- Volume: 100 tons (Bolt or welded)
- Filter: 24 m² upper area
- Protection flap of the silo
- Level indicators: 2 each
- Silo Filling pipe: Ø 114 mm steel pipe
- Legs: Ø 220 mm x 8 mm profile
- 8 fluidizers in each silo
- Funnel and Body Material: ST-37 6 mm A1 quality sheet metal
- Roof Material: ST-37 5 mm A1 quality sheet
- Ø 300 double flange manual lever valve



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.

5 Twin Shaft Mixer (Double Shaft)
- 1 m³ green concrete capacity
- Hydraulically driven discharge cover
- Automatic lubrication system
- Side Wearproof Material: Hardox 450 15 mm A1 quality sheet metal
- Body Wearproof Material: Casting 20 mm
- 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

4 Belt Transfer System
- Band Dimensions: 800 mm x 14483 mm
- Chassis Material: 5 mm bent sheet metal
- Engine: 11 kW
- Bearings: FAG-SKF or equivalent brands
- Conveyor Belt: EP 125 quality 4 layers wear-resistant rubber band
- Belt Thickness: 10 mm
- Drive Drums: Ø 270 mm - 5 mm thickness drive drums are covered with rubber.
- Equipped with emergency stop button.

ADDITIONAL TECHNICAL SPECIFICATIONS

- **Cement Weighing**
  - Volume: 273 kg
  - Body: ST-37 A1 quality 8 mm
  - Actuated valve
  - Loadcell: 4x1000 kg
- **Weighing Water**
  - Volume: 135 kg
  - Body: ST-37 A1 quality 6 mm
  - Actuated valve
  - Loadcell: 3 x 200 kg
- **Air Compressor**
  - Compressed Air Volume: 300 lt
  - Brand: DALGAKIRAN
  - Origin: Türkiye
  - Type: Belt Piston Compressor
  - Engine: 5.5 kW
  - Maximum Air Pressure: 10 bar
- **Additive Weighing**
  - Volume: 20 liters
  - Body: ST-37 A1 quality
  - Actuated valve
  - Loadcell: 1x100 kg

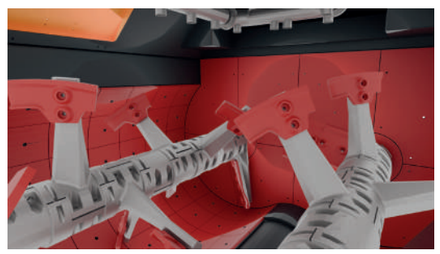
KOMPAKT-60 COMPACT CONCRETE BATCHING PLANT TECHNICAL SPECIFICATIONS

Production Capacity	Aggregate Bunker	Tape Capacity	Installation Method	Mixer Capacity	Mixer Type	Cement Weighing	Weighing Water	Additive Weighing	Control Systems	Control Cabinet	Screw Diameter	Compressor
50-60 m³/h	4 x 7,5 m³ Square 4 x 12,5 m³ Rowed	2500 kg	Belt / Bucket	1000/1500 L	Planet / Twin	1500 kg	400 L	30 L	Siemens Or ABB	Including	Ø 219 mm	Including

STANDARD FEATURES



Twin Shaft mixer and integrated upper group, high capacity
Fast, homogeneous and uninterrupted in concrete production
It is designed to work.



Twin Shaft mixer mixing arms, high wear
It prepares the material homogeneously in a short time with its resistant structure. By mixing properly, it provides efficient and long-lasting use.



Automation system and control cabinet,
The entire production of the concrete plant processes in a precise, secure and fully integrated manner. It is the central control infrastructure that manages the



Cement silo, high storage capacity and durable body structure
Thanks to the safe, uninterrupted production of cement and provides controlled nutrition.



*An optional 24 m³ (4×6 m³) square-type aggregate hopper is available for more efficient plant layout in confined installation areas.



*Carrying the aggregate and transporting it to the mixer unitlifting-feeding bucket system, robust Fast, with its steel structure and compact design Provides safe and efficient concrete production.

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