

M 100



M 100 / SCOTLAND

M 100 MOBILE CONCRETE BATCHING PLANT THE MOST PREFERRED MOBILE PLANT FOR SHORT-TERM PROJECTS



100 m³
CAPACITY



EASY AND QUICK
INSTALLATION



FULL
AUTOMATION



MORE THAN
100
COUNTRIES



GREAT
CUSTOMER
SATISFACTION

GENERAL INFO

Plant Type	Mobile (Portable) Concrete Batching Plant
Plant Capacity	100 m ³ /hour compacted concrete
Mixer Capacity	2,25 m ³ compacted concrete
Mixer Type	Meka Twin Shaft Mixer
Voltage/Frequency	400V / 50Hz - Standard value. May vary depending on regional standards
Control	Fully automatic with SIEMENS PLC (Germany)



MAIN ADVANTAGES

Ultra Performance and Flexibility

MEKA M 100 Mobile concrete batching plants are flexible, durable and give class-leading productivity. The plant is preferred by contractors for temporary needs, and ready-mix concrete firms for corporate flexibility.

Unique Single-Chassis Design

All of the operational equipment required for production is installed on the main single chassis of a mobile concrete plant and is transported on it.

Transport With a Single Tow Truck

M 100 concrete plant with 2 complete sets of screw conveyors, filters and other silo equipment can be transported with the help of only one single trailer truck. All MEKA mobile batching plants are equipped with two axles to ensure good weight distribution.

Quick Start Up Time

To reduce installation time and crane operations, the main components in the M100 mobile concrete plant are installed, pre-wired and tested in production facilities.

Minimum Foundation Required

Thanks to its design Meka mobile batch plants require no or minimum foundations which reduces the operational costs and brings the mobility to a new level.

180 Degree Truck Mixer Approach Opportunity

Due to heavy duty chassis design, M100 MEKA mobile concrete batching plant does not require front supports. The absence of front supports doesn't only reduce the installation time but also offers useful operation characteristics allowing for the mixer truck to approach from 3 points (180 degrees) and drive through. This feature is very useful for strict and narrow site conditions.

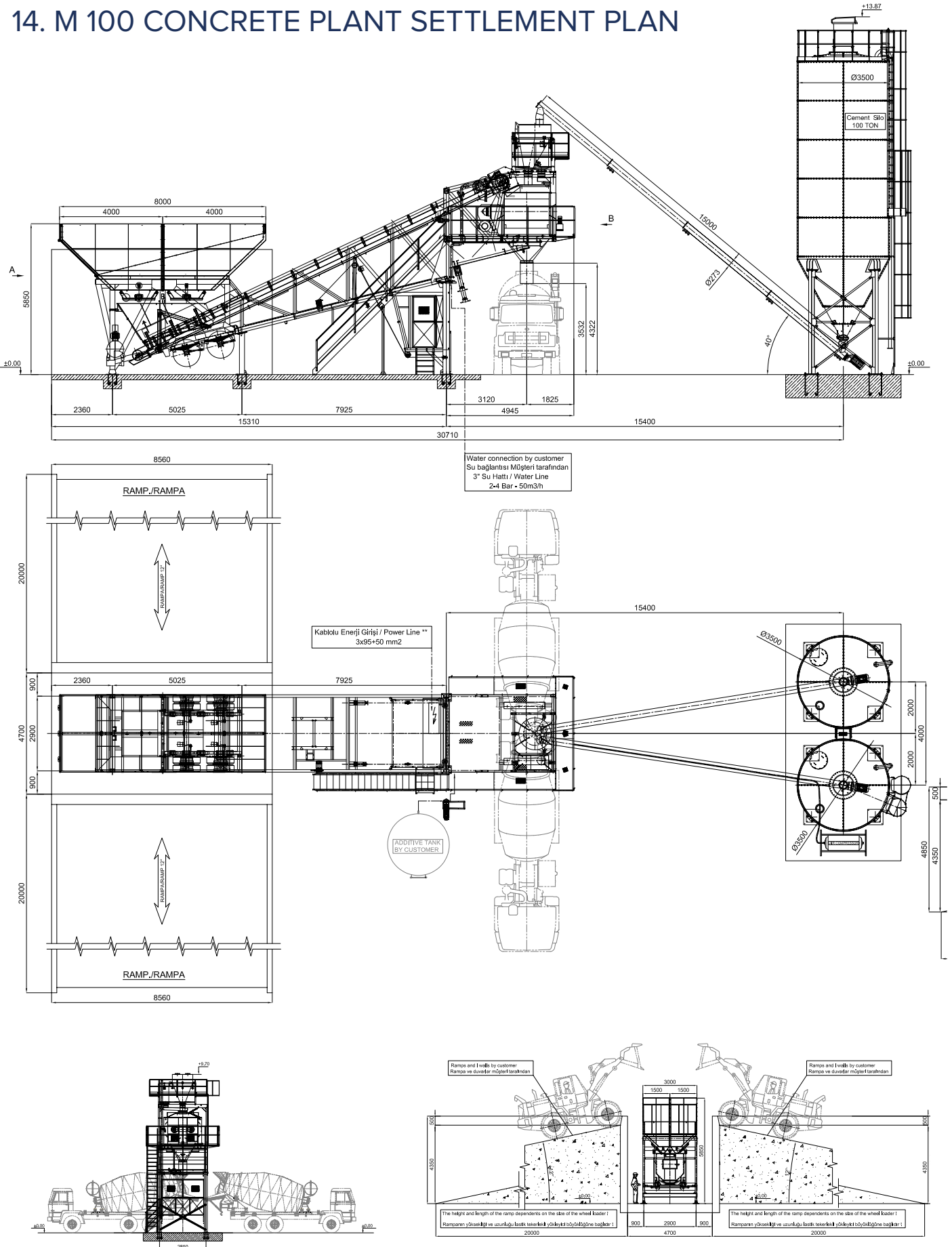
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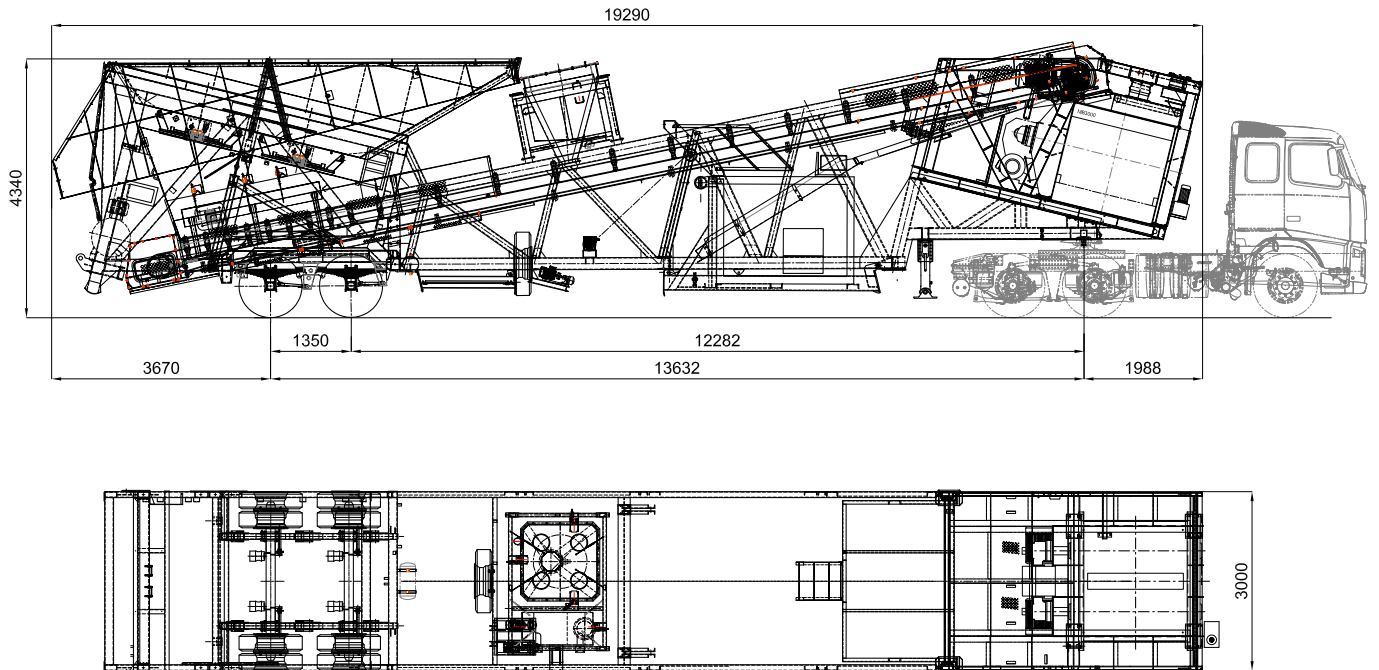
Please consult your MEKA representative for the most updated data.



14. M 100 CONCRETE PLANT SETTLEMENT PLAN



15. TRANSPORTATION SPECTS



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MOBILE CONCRETE BATCHING PLANTS TECHNICAL SPECIFICATIONS

	M60	M100	M120
Compacted Concrete Output	60 m ³ /h	100 m ³ /h	120 m ³ /h
Mixer Capacity (Compacted Concrete)	1,0 m ³ /cycle	2,25 m ³ /cycle	3,33 m ³ /cycle
Mixer Type	SS / TS / PL	TS	TS
Mixer Motor Power	37 kW /2x 18,5 Kw / 45 kW	2x 37 kW	2x55 kW
Aggregate Bins	4x 10 m ³ / CT	4x 15 m ³ / CT	4x 25 m ³ / Inline Mobile Type
Aggregate Feeding	Ramp or Pre-Feeding System		
Aggregate Transfer	Belt	Belt	Belt
Air Compressor	Piston Type (5,5 kW)	Piston Type (7,5 kW)	Piston Type (7,5 kW)
Cement Weighing Hopper	500 kg	1.000 kg	1.750 kg
Water Weighing Hopper	200 kg	700 kg	1.000 kg
Additive Weighing Hopper	20 kg	20 kg	40 kg
Cement Screw Conveyor	Ø 219 x 11.500 mm	Ø 273 x 15.000 mm	Ø 273 x 15.000 mm

Aggregate Bins : CT (Cross Type), IT (Inline Type)
Mixer Type : SS (Single Shaft), TS (Twin Shaft), P (Pan), PL (Planetary)

IMAGES

- 1 M 100 Mobile Concrete Batching Plant / Scotland
- 2 M 100 Mobile Concrete Batching Plant / Heidelberg Cement / Georgia
- 3 M 120 Mobile Concrete Batching Plant / Vinci / Turkmenistan
- 4 M 60 Mobile Concrete Batching Plant / Tanzania

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16. COMPACT AGGREGATE PREFEEDING SYSTEM (OPTIONAL)

Hopper Capacity	6 m ³
Conveyor Belt	800 X 17.000 mm
Motor - Gearbox	15 kw with accuplated gearbox
Grid	Included on hopper



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MEKA CRUSHING SCREENING, MINING AND CONCRETE BATCHING TECHNOLOGIES

