

# M 120



M 120 / VINCI

## M 120 MOBILE CONCRETE BATCHING PLANT

THE BEST CHOICE FOR MASS CONCRETE PRODUCTION FOR SHORT-TERM PROJECTS



120 m<sup>3</sup>  
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	120 m <sup>3</sup> /hour compacted concrete
Mixer Capacity	3,33 m <sup>3</sup> 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 120 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.

### Special 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.

### Quick Start Up Time

To reduce installation time and crane operations, the main components in the M120 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, M120 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.

*The information contained in this document is for general information purposes only. Options and technical details presented in your formal quotation supersede all the information presented in this brochure.*

*MEKA reserves the right to change the technical information and specifications indicated in this brochure.*

*Please consult your MEKA representative for the most updated data.*





## 15. M 120 MOBILE CONCRETE PLANT GALLERY



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## MOBILE CONCRETE BATCHING PLANTS TECHNICAL SPECIFICATIONS

	<b>M60</b>	<b>M100</b>	<b>M120</b>
Compacted Concrete Output	60 m <sup>3</sup> /h	100 m <sup>3</sup> /h	120 m <sup>3</sup> /h
Mixer Capacity (Compacted Concrete)	1,0 m <sup>3</sup> /cycle	2,25 m <sup>3</sup> /cycle	3,33 m <sup>3</sup> /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 <sup>3</sup> / CT	4x 15 m <sup>3</sup> / CT	4x 25 m <sup>3</sup> / 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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**MEKA** CRUSHING SCREENING, MINING AND CONCRETE BATCHING TECHNOLOGIES

