

# Mobicrete *Mobile Plant* **M60**



## HIGH-PERFORMANCE CONCRETE PRODUCTION

The **Mobicrete M60** mobile concrete batching plant offers an outstanding blend of efficiency, flexibility, and high production capacity, making it perfect for demanding construction environments. With its advanced mixing technology, precise material dosing systems, and robust mobile design, it is an ideal solution for large-scale construction projects that require continuous, high-quality concrete production.

This plant is a solid choice if you're looking for a highly **efficient, durable,** and **easy-to-move concrete batching solution** that delivers superior performance.

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## **Production Capacity:**

Production Rate: 50-60 m<sup>3</sup>/hour of ready-mixed concrete

This ensures a steady and efficient supply of concrete for medium to large-scale construction projects, enabling a high throughput without compromising on quality.

## **Mixer Type:**

Twin Shaft Mixer

- Model: SICOMA OMG Twin Shaft MAO 1500/1000

o The twin-shaft mixer offers superior mixing capabilities, producing homogeneous and high-quality concrete in a short cycle time, which is essential for maintaining consistent product quality in high-volume production.

## **Weighing Systems:**

The Mobicrete M60 comes with four separate and precise weighing systems for different ingredients, ensuring accurate and consistent batching:

### **1. Cement Scale:**

o Capacity: 400 kg, providing precise dosing of cement to meet exact mix specifications.

### **2. Water Scale:**

o Capacity: 200 liters, allowing for accurate water measurements for optimal workability and mix consistency.

### **3. Additive Scale:**

o Capacity: 20 kg, accurately doses additives such as plasticizers or retarders, which can improve the workability and setting times of the concrete.

### **4. Aggregate Scale:**

o Load Cells: 4x 5000 kg capacity, ensuring reliable and accurate measurement of aggregates like sand, gravel, or crushed stone.

## **Aggregate Storage & Handling:**

- Storage Bins: 4x 10m<sup>3</sup> bins (total 40m<sup>3</sup> capacity), providing ample storage space for various aggregate materials.
- Conveyor Belt System: This system efficiently moves aggregates from storage to the mixer, ensuring a smooth and uninterrupted batching process.

## **Control System:**

- The plant is equipped with a CE/UK-standard electrical wiring system ensuring safety and high operational standards.
- Automation: A fully automated control system allows for precise monitoring and control of the batching, mixing, and output processes. The system provides flexibility, making it easier to adjust mix designs or production rates as needed.

## **Cement Silo:**

- An integrated Cement Silo (25 tons) is included, which can be fed via either a cement truck or a bagging system, providing a consistent supply of cement for mixing. This setup reduces the need for frequent refills, contributing to overall operational efficiency.

### **Additional Features:**

- Mobile Design: The M60's mobility makes it easy to relocate between different construction sites, which is ideal for projects requiring flexibility.
- High Efficiency: The combination of a powerful SICOMA twin-shaft mixer and accurate dosing systems ensures minimal downtime and high reliability.
- Durability & Reliability: Built for rugged environments, the plant is designed to operate with minimal maintenance over extended periods.