

Mobilmix 2.5

Mobility and performance



LIEBHERR

Mobilmix 2.5

New features in a proven system



The assembly can be conducted in two days
due to a pre-wired support frame and the integrated control container

Durable working areas
by galvanized design and construction

Minimal costs for foundation work
because of the integrated steel foundation

Minimal cleaning effort
due to the recessed mixer platform and the keyless mixer locking

Maximum dust protection on the mixer platform
due to the Liebherr feeding flap and filter systems by default

Wear-resistant material feeding
utilizing plastic rollers and parallel running surfaces for the bucket elevator

Mobility and performance – perfectly matched

The new Mobilmix 2.5 offers all the advantages of a stationary system because of its proven folding mechanism with pre-assembled and integrated components. It can be transported perfectly due to a few transport units and enables a simple and quick assembly. Realizing short installation times at the place of installation by a previous test run and the quality inspection at the factory.



Individual configuration

The Mobilmix 2.5 is freely configurable in several expansion stages for different customer requirements, similarly to a stationary system.

The cement silos can be arranged individually, dependent on the spatial conditions. Aggregates can be stored in a mobile or in stationary silo as well as in a tower silo. Because of the integrated steel foundation and the foldable compartment walls, the mobile in-line silo can be assembled within a few hours. The new modular tower silo has got a storage capacity of maximum 400 m³, divided in four to eight compartments.

Thanks to the new cladding concept, the cladding can be assembled within one day.

High-mixing rate of up to 115 m³/h

The new Liebherr twin-shaft mixer with a set volume of 2,5 m³ compacted fresh concrete per batch is realizing a high-mixing rate of 115 m³ per hour. Truck mixers can be filled with 3 batches.

Minimal cleaning effort

Both the keyless mixer locking and the recessed mixer platform enable a rapid and comfortable cleaning work on the mixer platform and of the inside of the mixer by maximum safety.

Wear-resistant loading

The new design of the bucket elevator with plastic runners and the loader track with parallel running surfaces ensure comfortable operation and minimum wear of the running tracks.



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On-site concrete production



Transportation of the pre-wired Mobilmix on one trailer



Transportation of the mobile weighing unit



Transportation of each silo unit on one trailer



Unloading of the Mobilmix as one unit



Unfolding the Mobilmix mounted on steel foundations



Fixation of the Mobilmix in unfolded state



Unfolding the sheet pilings at the in-line silo



Backfilling of the ramps to the in-line silo compartments



Operation of the plant

Technical data

Theoretical set-concrete output rate	115 m ³ /h
Capacity of the twin-shaft mixer (DW 2.5)	3750 l
Mass of the plant section	ca. 33 t
Aggregate storage capacity (mobile in-line silo)	max. 140 m ³
Aggregate storage capacity (mobile tower silo)	max. 400 m ³
Number of aggregate compartments (mobile in-line silo)	max. 6 pieces
Number of aggregate compartments (mobile tower silo)	max. 8 pieces
Number of cement silos	max. 6 pieces
Capacity of each cement silo	max. 120 t
Plant dimensions with one-sided ramp	ca. 34 x 14 m (length x width)