

Mobilmix 0.5-CS

Simple yet sophisticated concrete filling



LIEBHERR

Mobilmix 0.5-CS

Autonomous and powerful



Large aggregate storage facility
with 70 m³ capacity

Ring-pan intensive mixer
with optional agitator for the
production of real quality concrete

BIG BAG washing water recycling
with on-site cistern

Slewing chute
for different concrete
delivery heights

Independent weighing container
for the precise metering of
aggregates such as cement
up to +/- 1% accuracy

Low daily supervision requirement of approx. 1 hour, due to innovative self-collection operation

The Mobilmix 0.5-CS self-service mixing plant enables self-collectors to quickly access high-quality concrete, thanks to its high degree of automation and simple operation. Variable purchase quantities of a wide variety of different concrete types, from 0.15 m³ to 0.5 m³ per batch, can be dispensed by QR code. For the operating companies, the large 70 m³ aggregate storage capacity and the automatic mixer high pressure cleaner including big bag washing water recycling solution mean minimal supervision is required. Furthermore, the plant can be put into operation quickly and only requires a temporary building permit due to its mobile design.



Minimal service work due to the mixer high pressure cleaner

The key to low daily supervision needs is the automatic mixer high pressure cleaner with three 3D high-pressure cleaning heads.

In the two operating modes for intermediate cleaning and final cleaning, the mixer interior is intensively cleaned at a high pressure of approx. 8 bar in conjunction with low water consumption of approx. 50/l min for 4 and 8 minutes respectively.

Closed circuit for washing water recycling

- Washing water is fed from the mixer to the on-site cistern
- Recycling of the dirt particles in the BIG BAG
- Convenient BIG BAG handling through simple insertion and removal
- Return of residual water to spirit level with dosing pump



Real quality concrete with the Liebherr ring-pan mixer

- Quality concretes (e.g. UHPC) can be produced using the ring-pan mixer with optional agitator tools
- Independent weighing containers for the individual aggregates facilitate high metering accuracies of up to +/- 1% for cement, for example



QR code reader for an intuitive self-supply principle

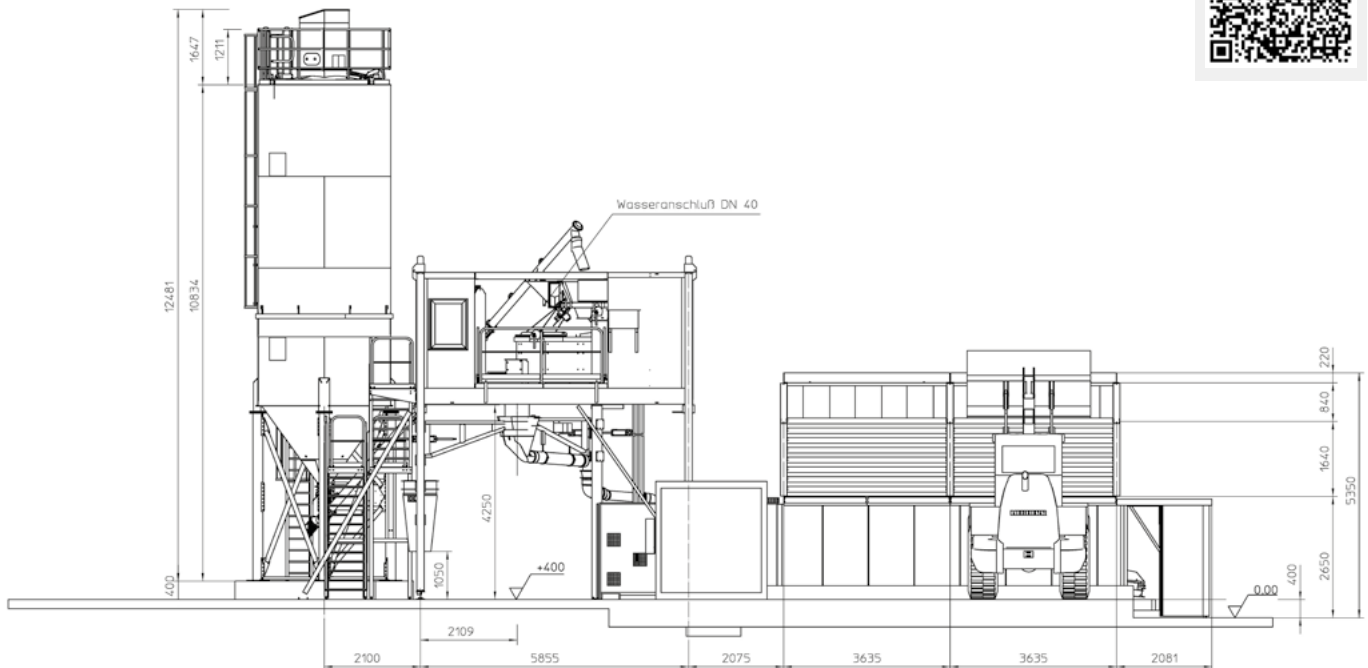
- User-friendly start-up of the mixing process possible via QR code
- Within the next 2 to 3 minutes, the fresh concrete is delivered directly into the trailer or truck mixer



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Technical data

QR code
to the website



Technical data	Standard	Optional
Theoretical discharge output in compacted mixed concrete	30 m ³ /h	-
Mixer type	Ring-pan mixer R 0.5	Ring-pan mixer RIM 0.5-M with agitator
Mixer size	0.5 m ³	-
Type of aggregate storage	Series silo 35 m ³ grid	Series silo 25 m ³ grid
Aggregate storage capacity	50/70 m ³	100/140 m ³
Number of aggregate storage chambers	3	Up to 8
Feeding	Elevator	-
Number of cement silos	1	2
Filling amount of each cement silo	50 t	Up to 120 t
Mixer high pressure cleaner	-	✓
Big Bag washing water recycling	-	✓
Slewing chute dispensing height 2.75 m	-	✓
Slewing chute dispensing height 1.5 m	-	✓
Weighing containers	Cement, water, aggregate	Admixture
Control system	Litronic BCS	-

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