

LCM 3.0

**A masterpiece in it's class**



**LIEBHERR**

# LCM 3.0

## Horizontal batching plant



### **A masterpiece in it's class: Affordable, reliable and flexible**

The new Liebherr LCM 3.0 offers a wide range of flexibility as an affordable and economic solution. The plant produces up to 171 m<sup>3</sup> of fresh compacted concrete per hour. German engineering of the innovative LCM 3.0 connects reliability, simple operation and easy maintenance. The LCM 3.0 concrete batching plant convinces therefore by its simple but robust design. Modern technology at an affordable price.



### Quality and service by conviction

Liebherr concrete batching plants have been proven to work with an outstanding performance on a variety of high-quality concrete applications worldwide for more than 60 years.

Furthermore with our worldwide Liebherr service infrastructure we are close to our customers business. We want to offer our customers a high quality product at a fair price. This is our claim and is also reflected in our products.

#### Twin-shaft mixer DW 3.0

- Liebherr twin-shaft mixer for economical concrete production
- High mixing quality in short time
- Good accessibility for easy maintenance operations

#### Galvanized elements for a long service life

- Galvanized finishing of the plant guarantees long time of usage
- High quality standards and a long service life of the plant with only minimal service requirements

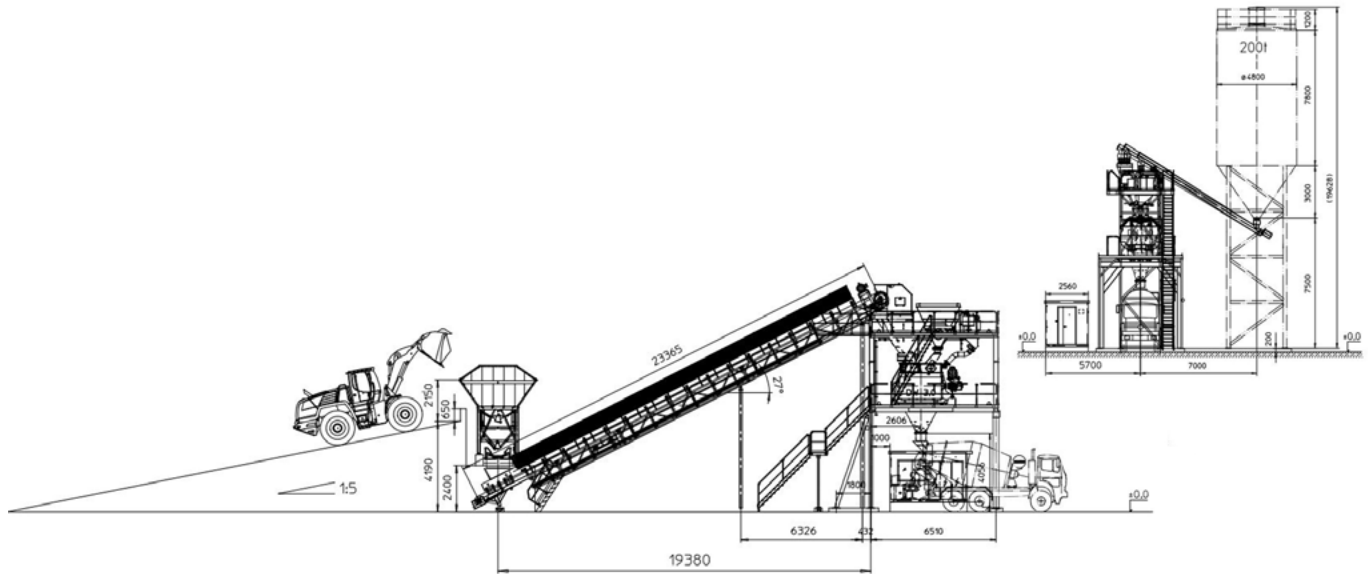
#### Modern control system

- Fully automatic, real-time capable control system with extensive features
- Easy operation via two monitors
- Automatic safety monitoring for manual intervention during the automatic runtime



# LCM 3.0

## Technical data



Technical data	Standard	Option
Theoretical discharge output in compacted mixed concrete*	171 m <sup>3</sup> /h	-
Theoretical discharge output in compacted mixed concrete**	154 m <sup>3</sup> /h	-
Mixer type	Twin-shaft mixer DW 3.0	-
Form of chambers in-line silo	Steel structure	Concrete structure
Number of chambers	4	2/3/5/6
Storage capacity per chamber	30 m <sup>3</sup>	25 m <sup>3</sup>
Number of binding agent silos	4	2/3/5/6
Filling amount of each binding agent silo	150 t	As customer request
Number of powder additive silo	0	1
Form of aggregate weigher	Independent weighing	-
Aggregate weighing capacity per hopper	3600 kg/2.4 m <sup>3</sup>	-
Number of aggregate weighers	4	2/3/5/6
Binding agent weighers	1 x 2000 kg	Additional 1x 800 kg Additional 1x 400 kg for silica powder (the angle of screw feeding ≤ 10 degree)
Water weigher	1 x 800 kg	1 x 300 kg for recycled water
Additive weigher	1 x 100 kg for liquid additive Max. 2 liquid additives accumulative weighing	Additional 1 x 100 kg for liquid additive Additional 1 x 200 kg for powder additive
Binding agent silos	One-side	Both-sides/in front
The main body and the aggregate bins	L - type	I - type
Control room	On the ground	On the same level of the mixer platform
Dust removal applied to	The mixer Binding agent silos	Aggregate feeding The head of horizontal aggregate belt

\* by 20 sec. mixing time

\*\* by 30 sec. mixing time

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