
Ready for the future

The new Betomix series

LIEBHERR

Betomix 2.25 – 4.5



The new Betomix series

Technical data

| Innovations | Customer benefits |
|--|---|
| Folding concept with integrated technology container | Even faster assembly thanks to simple unfolding and pre-cabling ex works. |
| Frequency converter control for main drives | Highest energy efficiency by smoothing the power peaks during start-up of the drives. |
| Highest cement dosing accuracy | Dosing accuracy of +/- 1.5 kg. This saves up to 7.5 kg cement/m ³ concrete compared to the required dosing accuracy according to the norm. |
| Best cleanliness with new LiClean solutions | User-friendly solutions for cleaning the mixer, the plant and the truck mixer save up to 100 minutes a day. |
| Comfortable working | Generous working areas on the mixer and weighing platforms. Easy lifting of heavy loads with the chain hoist and material hatches on each platform. |

| Type | | Betomix 2.25 | Betomix 2.5 | Betomix 3.0 | Betomix 3.5 | Betomix 4.0 | Betomix 4.5 |
|---|-------------------|--------------|-------------|-------------|-------------|-------------|------------------------------------|
| Theoretical discharge output in compacted mixed concrete ¹ | m ³ /h | 100 | 115 | 125 | 145 | 155 | 160 ⁴ /210 ⁵ |
| Theoretical discharge output in mixed concrete ² | m ³ /h | 125 | 144 | 156 | 181 | 194 | 200 ⁴ /260 ⁵ |
| Mixer size | m ³ | 2,25 | 2,5 | 3,0 | 3,5 | 4,0 | 4,5 |
| Ring-pan mixer | | ✓ | ✓ | – | – | – | – |
| Twin-shaft mixer | | – | ✓ | ✓ | ✓ | ✓ | ✓ |
| Max. aggregate storage capacity in-line silo ³ | m ³ | 140-500 | 140-500 | 140-500 | 140-500 | 140-500 | 140-500 |
| Max. aggregate storage capacity tower silo ³ | m ³ | 400-600 | 400-600 | 400-600 | 400-600 | 400-600 | 400-600 |
| Max. number of cement silos | | 6 | 6 | 6 | 6 | 6 | 6 |
| Vertical skip | | ✓ | ✓ | ✓ | ✓ | ✓ | – |
| Conveyor belt | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Concrete foundations | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Steel foundations | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Control system Litronic-MPS III | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

¹ Mixing time 30 sec.

² Mixing time 30 sec., compacting factor = 1.25

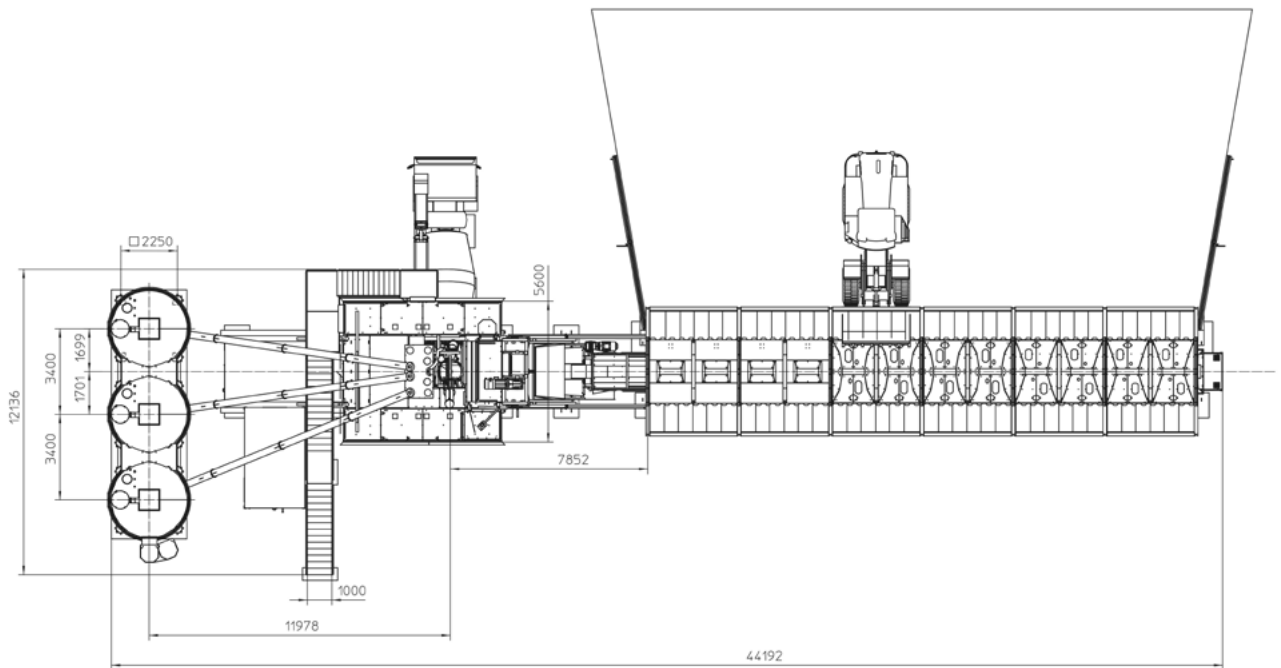
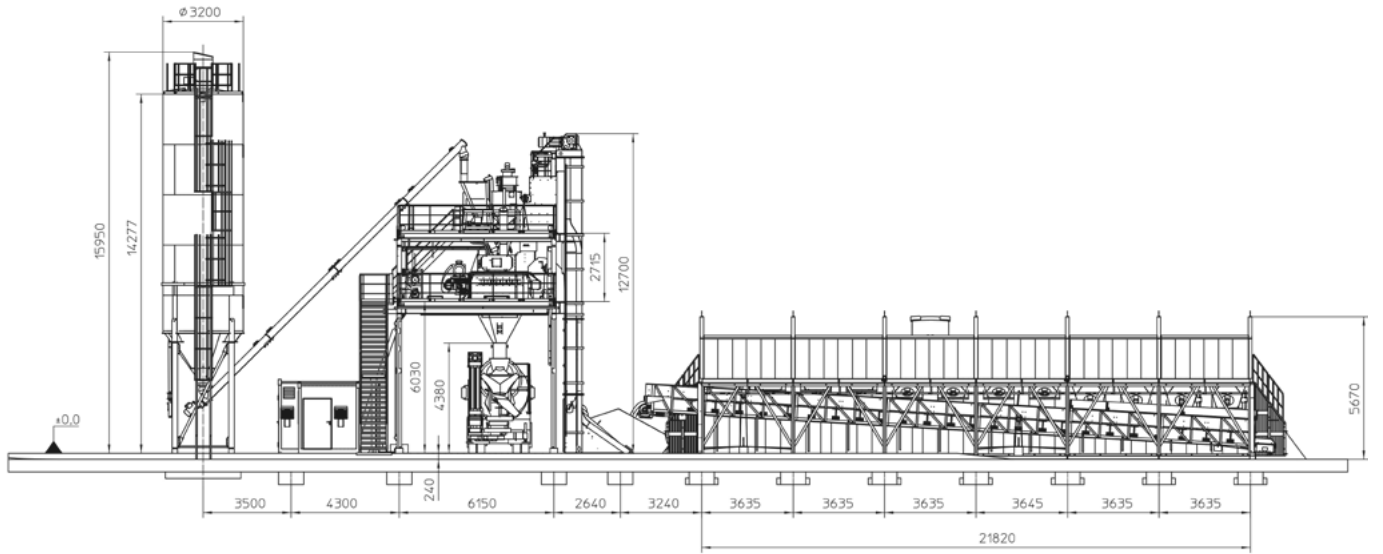
³ 4 to 8 chambers

⁴ Truck mixer discharge

⁵ Truck-discharge

| Equipment ¹ | Standard | Option |
|--|----------|--------|
| Frequency converter | ✓ | – |
| Cement, water and admixture weighing | ✓ | – |
| Microsilica weighing, ice weighing | – | ✓ |
| LiClean mixer high-pressure cleaning device | – | ✓ |
| LiClean truck mixer inlet hopper cleaning device | – | ✓ |
| LiClean concrete discharge cleaning device | – | ✓ |
| Concrete discharge drip protection | – | ✓ |
| Chain hoist with material hatches | – | ✓ |
| Steel fibre dosing | – | ✓ |
| Heating and cooling of the in-line silo | – | ✓ |
| Chutes for truck loading | – | ✓ |
| Stationary winter cladding | – | ✓ |
| Check weights equipment | – | ✓ |

¹ Others on request



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Conveyor belts



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