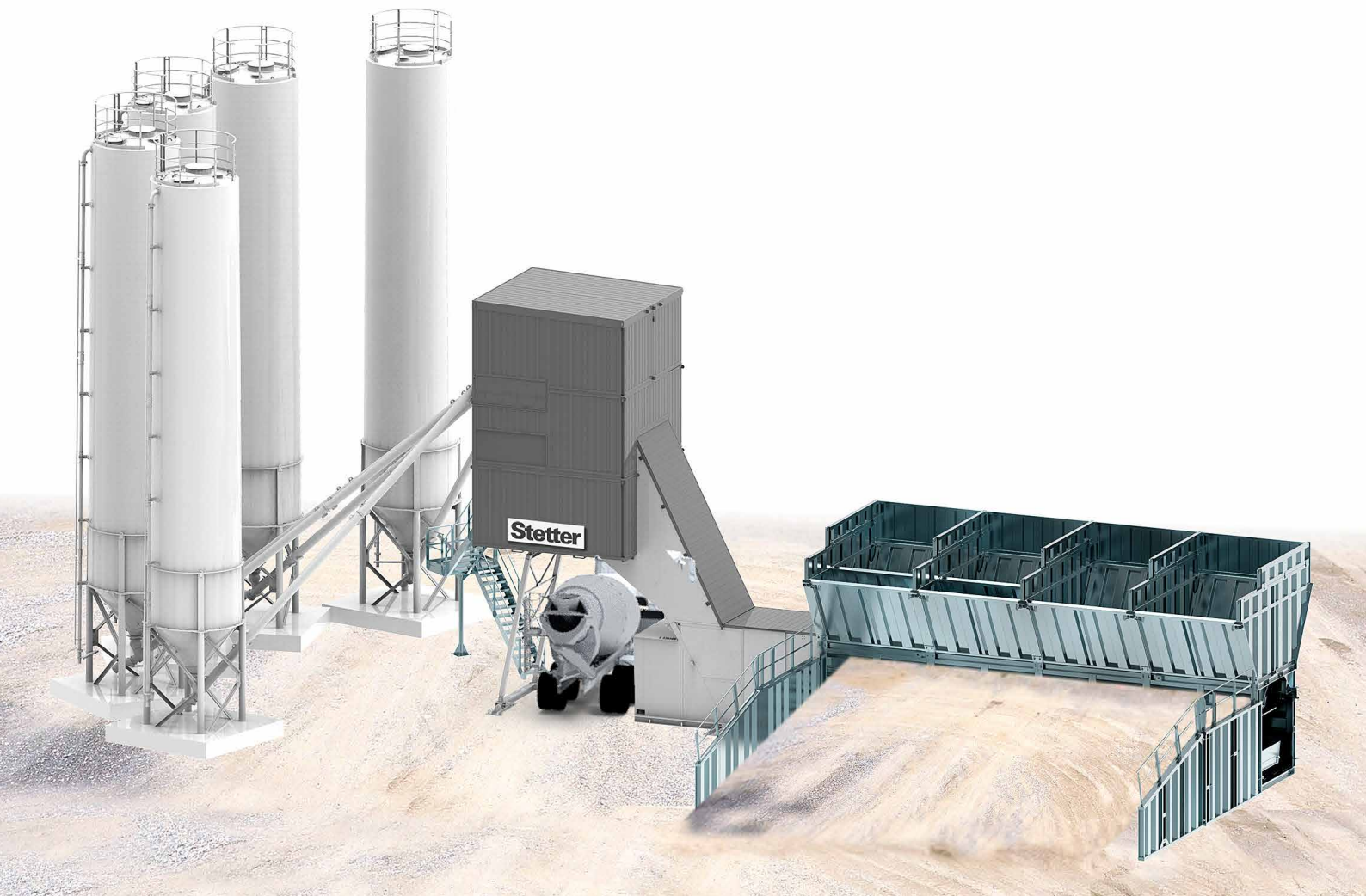


M 3.0

Mobile batching plant



Compacted concrete output	135 m ³ /h
Mixer size	3.0 m ³
In-line silo compartments	flexible (standard: 4)
Compartment volume	45 m ³
Cement types	1 - 5



RECORD BREAKING ENGINEERING

The M 3.0 from Stetter

Reliable performance at any location

The new mobile batching plant M 3.0 from Stetter was developed with a focus on quick implementation, easy transport and high operating efficiency. With the pre-assembled factory modules, Plug&Play cabling and many other detailed solutions, the M 3.0 reaches operational readiness within three days. Due to the large bearing surfaces and the integrated mobile foundations, the maximum surface pressure of the batching plant, the cement silos and the in-line silo is surprisingly low at 250 kN/m². This broadens the choices for location and reduces the effort required for foundation preparation. Thanks to the powerful twin-shaft mixer DW 3.0 B from Stetter, job sites with high and short-term concrete requirements can be supplied with up to 135 m³ of fresh concrete per hour. The new M 3.0 from Stetter: fast in operation, efficient and reliable in the long run.

Quick panelling

The optional external housing of the M 3.0 consists of pre-assembled elements, which are assembled into large format modules on the floor. Then these wedged components are simply hung onto the mixing tower and secured. This means that the entire plant housing can be assembled and disassembled quickly and safely.



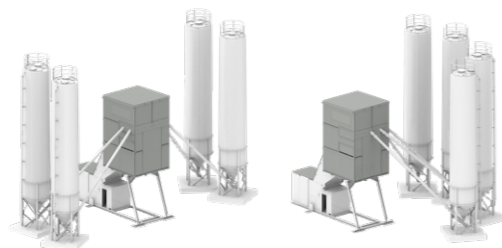
Efficient maintenance

The mixer and weighing platform of the M 3.0 have large sized platforms compared to other mobile batching plants. This enables an almost unhindered 360° view around the compact twin-shaft mixer DW 3.0 B and very good accessibility for maintenance.



Cement silos

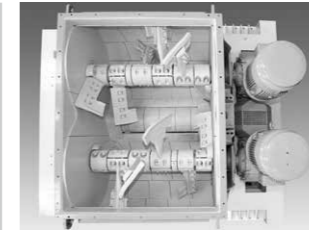
The mobile batching plant M 3.0 can be supplied with up to five identically constructed silos. The screw, ladder and silo fitting parts are completely pre-assembled on each silo for easy transport and fast assembly. The silos are connected via electrical and pneumatic plug & play connectors. Thanks to the mobile individual foundations, the arrangement of the silos to the batching plant can be extremely flexible.



The mixing tower with its optional portal support allows driving under the mixing tower from three sides

Powerful twin-shaft mixer

The Stetter twin-shaft mixer DW 3.0 B is the powerful heart of the M 3.0. With its reliable direct drive and perfectly shaped mixer shovels, it offers the best conditions for a homogeneous mixing result. In contrast to other mixers, the bearings and seals of the mixer shafts are not a combined component but are designed separately. This ensures excellent operational reliability and simplifies maintenance. Stetter's twin-shaft mixer therefore is not only impressive in new plants, but offers high reliability and performance as well as low maintenance costs over the long term.



Quick to install

The M 3.0 base unit is mounted on a mobile steel frame and, thanks to the low ground pressure of only 250 kN/m², is simply set up on a compacted flat ground. The folding top section with the twin-shaft mixer and the weighing platform mounted above it is erected and bolted using a crane. The in-line hopper is connected to the batching plant via Plug&Play connections. With its integrated mobile foundation and weigh belt that was installed ex works, it ensures a reliable and precise supply of aggregates to the batching plant within a few hours. Due to this the M 3.0 reaches operational readiness within only three days.



In-line silo

The in-line silo with its integrated mobile foundation, Plug&Play connections and optionally available plug-in side parts for the approach ramp is completely pre-assembled and ready for use within a very short time. The standard version of the fully galvanised line hopper has four compartments each holding 45 m³ (each 3.50 m wide), two of which can be split if required. Standard construction includes integration of the weighing belt into the in-line silo. The slope for filling the in-line silos with a wheel loader can be poured directly onto the outer wall of the in-line silo.

Batching plant control

The MC 500 plant control system developed by Stetter is the right choice for medium to large batching plants. In addition to dosing and weighing control, this powerful and versatile batching plant software can also be used to handle dispatching, fleet management and invoicing safely and conveniently.



M 3.0 Mobile batching plant

Technical data



Output		M 3.0
Compacted concrete output (at 30 s mixing time)	m ³ /h	135
Compacted concrete output max.*	m ³ /h	163
Mixer		
Mixer type		twin-shaft mixer DW 3.0 B
Drive power	kW	2 x 55
Dry filling volume	m ³	4.50
Compacted concrete volume	m ³	3.0
max. grain size round / crushed	mm	80 / 63 (optional coarse grain mixer: 180 / 150)
In-line silo		
Number of compartments		flexible (standard: 4)
Capacity per compartment**	m ³	45 m ³ (divisible)
Filling edge (from top of terrain)	m	5.60
Weighing capacity of the belt weigher	kg	6,900
Scales		
Cement scale, weighing capacity	kg	1,800
Cement types max.		5
Water weigher, weighing capacity	kg	900
Admixture scale, weighing capacity	kg / l	2 x 30
Electrics		
Connected load (approx.)	kVA	350
Operating voltage	V / Hz	400 / 50 (can be adapted to any other country-specific voltage)

*For unloading onto open trucks **geometrical filling

Batching plants from Stetter.
For reliability and efficiency in concrete production.



SCHWING
Stetter

SCHWING GmbH
Heerstrasse 9-27 · 44653 Herne, Germany
Phone +49 23 25 - 987-0 · Fax +49 23 25 - 72922
www.schwing-stetter.com · info@schwing.de

Stetter GmbH
Dr.-Karl-Lenz-Strasse 70 · 87700 Memmingen, Germany
Phone +49 83 31 - 78-0 · Fax +49 83 31 - 78 275
www.schwing-stetter.com · info@stetter.de

Subject to technical and dimensional modifications. Illustrations are non-binding. The exact standard specification, the scope of delivery and the technical data are detailed in the offer.