

MOBILMAT

CONCRETE MIXING AND BATCHING PLANTS

The flexible system suitable for
a wide range of applications



Wiggert® + Co.
KABAG®

Advanced Mixing Technology
www.wiggert.com

MobilMat

The flexible system – suitable for a wide range of applications.

Sized up to 180 m³/h. The flexible system – in customized design

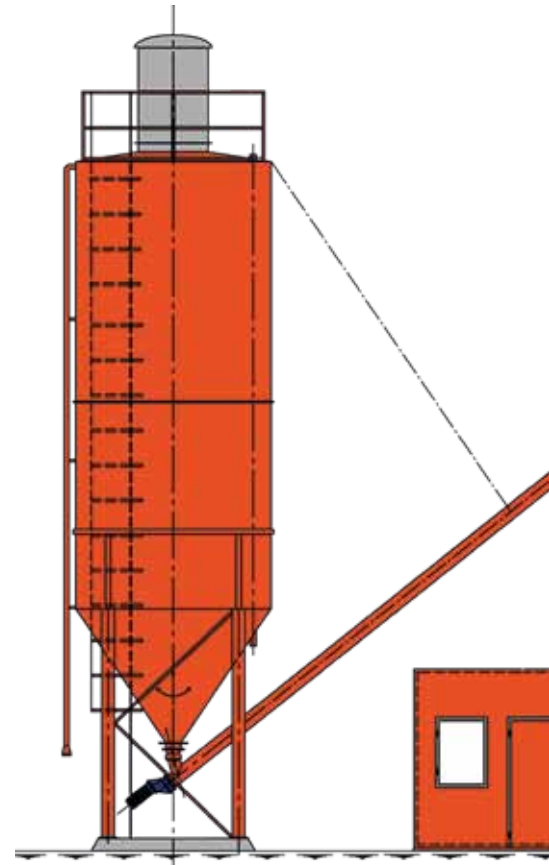
The MobilMat system integrates in compact and easy-to-transport units all equipment necessary for concrete production. These units are pre-assembled, electrically wired and factory-tested. The plant is portable and easily movable.

Integrated into the mixer platform is either the well-proven planetary countercurrent mixer HPGM or alternatively the robust twin-shaft mixer DWM. Depending on the available space and on customer's needs, the material is fed into the mixer either by skip hoist or by inclined conveyor belt.

The standard version provides storage of aggregates in row-type storage bins; as an option, round silos can be provided.

The row-type storage silo with large electro-pneumatically dosing gates and the weigh-belt with electro-mechanical weighing system are one integral unit.

The MobilMat series permits cost-effective concrete production and therefore fulfills the requirements of a modern concrete batching and mixing plant.



Mixer platform: Mixer with cement weigher and water weigher (as an alternative water addition via water counter); DWM – the alternative to the HPGM with ice weigher, admixture weigher

PCS – the basis for high productivity



Aggregate weighing: optional aggregate silo made out of concrete with weigh-belt suspended from the ceiling and dosing cones for coarse/fine dosing, Movable weigher – the alternative to the weigh-belt

Material batching for high productivity

Wiggert® + Co.

KABAG®

Advanced Mixing Technology
www.wiggert.com



Concrete discharge: swivelling chute for concrete discharge into truck, extraction belt for concrete

Material feed into the mixer: inclined belt conveyor, skip hoist weigher



from row-type silo: batching gates for coarse / fine dosing, dosing belts, weighing platform and moisture measuring probe "Hydrotester"

Row-type silo feed: automatic feeding system, feeding with shovel loader

Some features are optional

Technical Specifications

	HPGM								DWM			
	Mo 750	Mo 1125	Mo 1500	Mo 1875	Mo 2250	Mo 3000	Mo 3750	Mo 4500	Mo 1875D	Mo 2500D	Mo 3375D/ 3375DB**	Mo 4500D/ 4500DB**
Compacted fresh concrete output at 30 sec. mixing time – max. continuous production capacity*	30 m³/h	45 m³/h	60 m³/h	70 m³/h	80 m³/h	100 m³/h	110 m³/h	120 m³/h	70 m³/h	90 m³/h	105 m³/h	120 m³/h
Mixer dry filling	750 l	1125 l	1500 l	1875 l	2250 l	3000 l	3750 l	4500 l	1875 l	2500 l	3375 l	4500 l
Mixer output per batch, compacted	500 l	750 l	1000 l	1250 l	1500 l	2000 l	2500 l	3000 l	1250 l	1666 l	2250 l	3000 l
Discharge height under mixer discharge chute***	4,0 m								4,0 m			
Number of aggregate storage compartments***	2-6								2-6			
Aggregate storage volume in the row-type silo***	30 m³-300 m³								30 m³-300 m³			
Aggregate storage volume in the round silo***	130 m³-320 m³								130 m³-320 m³			
Weighing range of the aggregate weigher	1200 kg	2000 kg	2500 kg	3000 kg	4000 kg	5000 kg	6000 kg	7500 kg	3000 kg	4000 kg	6000 kg	7500 kg
Weighing range of cement weigher	300 kg	500 kg	600 kg	600 kg	800 kg	1000 kg	1200 kg	1500 kg	600 kg	1000 kg	1200 kg	1500 kg
Weighing range of water weigher	150 kg	300 kg	400 kg	400 kg	400 kg	500 kg	600 kg	750 kg	400 kg	500 kg	600 kg	750 kg
Electric power for basic machine with cement screw conveyor	51 kW	70 kW	92 kW	92 kW	105 kW	130 kW	155 kW	175 kW	90 kW	105 kW	120 kW	155 kW

* based on specific norm recipes – other recipes can result in a different outputs.

** DB = Transport of aggregates from the weigh-belt to the holding hopper for one batch of aggregates on top of the mixer is made by an inclined conveyor belt.

*** Other options possible upon request.

Technical modifications reserved

Flexible Equipment Program for profitable and superior concrete production.

MobilMat Plants, Twin Mixer Plants, SmartMix Plants, CENTROMAT® Plants, TowerMat Plants, Planetary Countercurrent Mixers, Twin Shaft Mixers, Concrete Transport Systems, Control Solutions.



Wiggert® + Co.
KABAG®

Advanced Mixing Technology
www.wiggert.com

Wiggert & Co. GmbH
Wachhausstr. 3b
76227 Karlsruhe, Germany

Tel: +49 (0) 721 94346-0
Fax: +49 (0) 721 402208
email: info@wiggert.com
www.wiggert.com

WiCo-Group®
Wiggert + Co. LMP ACS Spoth PFA



Member of

