

# TWIN SHAFT MIXER

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# DWMM

Fast, homogenous mixing.

Quick, complete discharge.

Highly efficient and  
reliable with minimum  
maintenance.



**Wiggert® + Co.**  
KABAG®

Advanced Mixing Technology  
[www.wiggert.com](http://www.wiggert.com)

# Twin Shaft Mixer DWM

**Ideal for Ready-Mix and high-volume applications.  
Powerful and economical to operate.**

The Twin Shaft DWM mixer is perfectly suited for the Ready-Mix and the precast industry where large volumes of high-quality concrete are demanded.

The powerful twin shaft mixing action with twin counter-rotating shafts achieves maximum output capacity, minimum wear, shortest discharge time, and allows processing of aggregates up to 150 mm (6"). The twin mixing shafts are supported on each end of the mixer by heavy-duty roller bearings and are fitted with highly wear-resistant arms and shovels made of special Ni-Hard.

The DWM mixing trough is lined with replaceable, highly wear-resistant armored wear liners that ensure extremely long service life for low operating cost. An oversized discharge gate assures fast discharge for a shorter cycle time. DWM mixers are standard with hydraulically actuated discharge gate, equipped with a hand pump for emergency operation.

Standard dust-proof mixer cover with large inspection and cleaning doors provides unobstructed access for maintenance and cleaning. Safe operation with safety switches prevents the mixer from running when doors are open. An integrated high-volume water distribution manifold speeds water addition time. All solenoids, all limit switches, and the hydraulic motor are factory pre-wired to a terminal box mounted on the mixer assuring fast and trouble-free installation.

DWM mixers offer the industry high capacity, quality mix and long-term low-cost production.



"DWM Mixer – Built on experience ... proven in the Ready-Mix and precast industry".  
MobilMat Mo 120 with twin shaft mixer.

## DWM mixer attributes

Oversized inspection and maintenance doors are integrated on each side of the cover for unobstructed access.

Two high-volume 100 mm (4") diameter water manifolds, equipped with adjustable spray pipes, are mounted into the cover. The multiple pipes distribute the water evenly for faster mixing.

Automatic mixer cleaning device speeds end-of-day cleanup for added production time.

The oversized discharge gate can be opened to any required degree and discharge rate via adjustable proximity switches.

The discharge gate is actuated by two reliable hydraulic cylinders that are mounted externally to avoid exposure to concrete.

Intelligently engineered powerful rugged drive. The mixing shafts are driven by two heavy-duty motors, V-belts and gear reductions. An elastic coupling synchronizes mixing shaft rotation. Mixer shaft bearings are purposefully isolated from the shaft seals. The bearings are always protected in the event of an unlikely shaft seal failure. All components are easily accessible and exchangeable.

Hydraulic unit for actuation of the discharge gate with manual pump for emergency opening.

Automatic central lubrication system has two circuits for optimum lubrication of the shaft seals and bearings. Large grease reservoir is fitted with a low level indicator.



Oversized inspection and maintenance doors



Two high-volume 100 mm (4") diameter water manifolds



Automatic mixer cleaning device



Oversized discharge gate with two hydraulic cylinders



Armor-plated mixer floor lining plates for extended service life

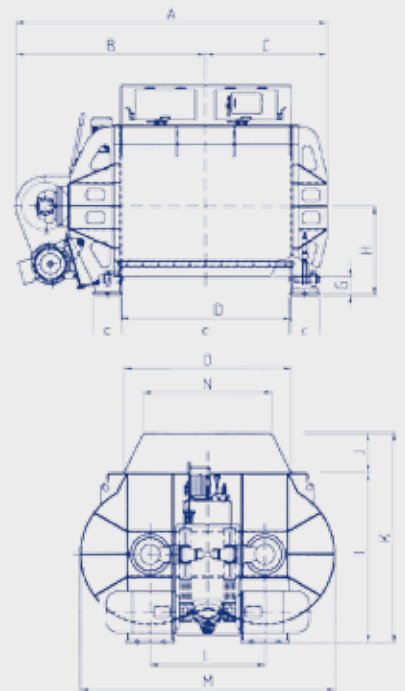


Dimensions on request

Max. admissible aggregate size  
 150 mm - with:

0 - 32 mm - abt.	40 %
32 - 100 mm - max.	35 %
100 - 120 mm - max.	13 %
120 - 150 mm - max.	12 %

Upgraded highly wear-resistant armor plates for guaranteed exceptional long service life are standard.



Hydraulic unit for actuation of the discharge gate



Automatic central lubrication system



Intelligently engineered powerful rugged drive



Optional cleaning rings

# Technical Specifications

Model	DWM	1875	2500	3375	4500	6750
Dry filling capacity	L	1875	2500	3375	4500	6750
Output per batch, compacted concrete	L (cuyd)	1250	1670	2250	3000	4500
Geom. volume	L	2940	3900	5280	7060	10570
Mixer drive motor	kW	2 x 22	2 x 30	2 x 37	2 x 55	2 x 90
Hydraulic discharge motor	kW	2,2	2,2	2,2	2,2	2,2
Mixing arms	nos.	16	20	16	20	20
Mixing shaft revolution (with 60 Hz)	rpm	28 (29)	28 (29)	22,5 (23)	21 (21,5)	21,5 (22)
Water connection	mm Ø	159	159	159	159	200
Weight of standard mixer	kg	5050	5800	8450	9600	11700

## 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.



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