



MIXER USM TYPE

DESIGN & FUNCTION

The stable and easy to operate Universal Quick Mixer USM type is used wherever pourable bulk materials must be quickly and economically mixed.



Application.	Precise blending of bulk materials.
Products.	For example: granules, master batch, compounds, agglomerates, powder, grains, flakes, ground freight.
Form.	The USM consists essentially of a cylindrical container with a cone and a centrally-oriented mixing screw.
Mixing screw.	Mixing screw is located in a mixing tube.
Function.	The product is taken up by the mixing screw and is conveyed upwards through the mixing tube. At the top of the screw an ejector (distributes) casts the material downward, spreading it finely throughout the mixing bin.
Feeding.	The mixer can be fed either through a filling device at the top or by the optional lower feed hopper.
Maintenance.	The mixer is entirely accessible through a large cover flap and manholes in the cylinder and the cone. Since there are no dead areas, the machine can be quickly and thoroughly cleaned, then used with other products.
Emptying.	Emptying can be adjusted to various aggregates and to individual units.
Volume.	Volumes from 1 m ³ to 40 m ³ .



MIXER USM TYPE TECHNICAL DETAILS

Volume [m³]	Cylinder Ø [mm]	Cylinder height [mm]	Total height* ¹ [mm]
1	920	1.500	3.600
2	1.500	1.000	3.500
3	1.500	1.500	4.250
5	1.750	2.000	5.050
8	2.200	2.000	5.400
10	2.200	2.500	5.900
12	2.200	3.000	6.400
15	2.200	3.500	7.000
20	2.500	4.000	7.750
25	2.500	5.000	8.800
30	2.500	6.000	9.800
40	2.850	6.000	10.000

*1: All dimensions are guiding values

