


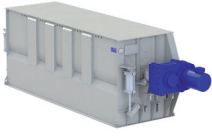
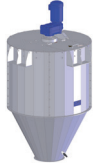
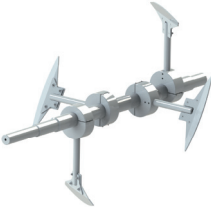

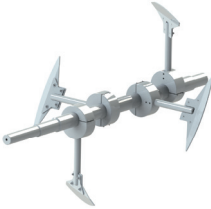





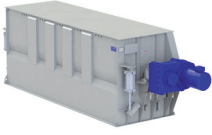
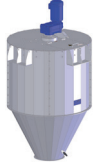


Datasheet Goods Category - Mixing

	Multimix Paddle mixer 1-shaft	Multimix Paddle mixer 2-shaft	MultiPreMix paddle mixer 1-shaft	Ribbon mixer 1-shaft	Vertical Mixer
					
Principle / Purpose					
	<ul style="list-style-type: none"> • Used for the charged mixing of products in the compound feed industry. • Different bulk densities and structures. • To obtain a homogenous mixture in a short time. • Keep the various products that must be mixed constantly moving, by means of a counter-flow principle. • Bomb doors below the mixer for short emptying time; this results in a high production speed. • The MultiPreMix paddle mixer is designed to mix a wide range of premixes, concentrates, additives and liquids into a homogeneous animal feed mixture for pharmaceutical purposes. 				<ul style="list-style-type: none"> • For all traditional products used in the compound feed industry. • Applied as a pre-mixer in the grinding line. • Better grinding process, energy savings and less load variations. • More equal particle size throughout the batch fed to the hammer mill.
Available types	MU 300 L MU 500 L MU 1000 L MU 2000 L MU 4000 L MU 6000 L MU 8000 L MU 10000 L	MU 1200-2 L MU 2000-2 L MU 4000-2 L MU 6000-2 L MU 8000-2 L MU 10000-2 L MU 12000-2 L MU 16000-2 L	MUP 1000 L MUP 2000 L MUP 4000 L	2000 L 4000 L 6000 L 8000 L 10000 L	2000 L 4000 L 6000 L 8000 L 10000 L 12000 L
Minimum product content (liter)	90-3000	360-4800	300-1200	600-3000	N.a.
Maximum product content*	300-10000 l / 150-5000 kg	1200-16000 l / 780-10400 kg	1000-4000 l / 1000-4000 kg	1000-5000 kg	2000-12000 kg
Maximum batches/hr	15	15	15	10	15
Capacity (t/h)	2.25-75	11.7-156	15-60	10-50	30-180
Motor power mixer (kW)	9.2-132	15-160	22-90	11-45	5.5-15
Main shaft speed (rpm)	33-54	21-45	33-47	19-23	55-61

* Kg or liter, whichever comes first, depending on the product density!

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	Multimix Paddle mixer 1-shaft	Multimix Paddle mixer 2-shaft	MultiPreMix paddle mixer 1-shaft	Ribbon mixer 1-shaft	Vertical Mixer
					
Mixing accuracy	Feed 1:10.000 or Premix 1:100.000. Probability p > 5% Coefficient of variation cv < 8%	Feed 1:10.000 or Premix 1:100.000. Probability p > 5% Coefficient of variation cv < 8%	Premix 1:100.000 Probability p > 5% Coefficient of variation cv < 8 %	1:10.000 Probability p > 1% Coefficient of variation cv < 12%	N.a.
Maximum product density (kg/m³)**	± 600	± 650	± 1300	± 500	± 650
Liquid sprayers	Yes (optional)	Yes (optional)	Yes (optional)	Yes (optional)	No
Cover on top	Standard	Standard	Standard	Standard	Standard
Bomb door on top	Optional	Optional	Optional	On request	N.a.
Slide table above mixer	Optional	Optional	Optional	Optional	N.a.
Bomb door under mixer	Standard Pneumatic	Standard Pneumatic	Standard Hydraulic	Standard Pneumatic	N.a.
Used material:					
Paddle plates	Wear resistant stainless steel	Wear resistant stainless steel	Wear resistant stainless steel	-	-
Ribbon	-	-	-	Carbon steel	-
Mixing screw	-	-	-	-	Carbon steel
Mixer body	Carbon steel <i>Optional:</i> Stainless steel	Carbon steel <i>Optional:</i> Stainless steel	Stainless steel	Carbon steel	Carbon steel
Mixer shaft and paddle shaft	Carbon and alloy steel <i>On request:</i> Stainless steel paddle shaft	Construction carbon steel	Construction carbon steel <i>Optional:</i> Stainless steel	-	-
Mixer shaft for ribbon	-	-	-	Carbon and alloy steel	-

** Maximum product density varies; refer to the datasheet engineering for more details.