



Blending System PM

Advantages:

- Homogeneous blending of dry powder batches
- Patented blending elements
- Blending of 4 – 12,000 liters
- PM can also be used as a milling station for bin to bin transfer
- Small footprint
- Fast and simple installation and low maintenance
- Easy product changeover by exchanging the blending container
- Containment execution as an option

Blending System PM

	PM 400	PM 600	PM 1000	PM 2000
Standard machine height [mm]	2800	2800	2800	2800
Load capacity [kg]	400	600	900	1500
Standard blending speed [rpm]	2 - 6			
Blending time	Approx. 15 – 20 min.			
Materials [product contact]	Stainless steel 1.4404 (316 L)			
Materials [no product contact]	Covering 1.4301 (304)			
Surface [product contact]	polished / Ra ≤ 0,5 µm			
Surface [no product contact]	Grain 240, ground			
Discharge valve	NW 200 / 250 mm			
Options				
Qualification	FS, DS, IQ, OQ			
NIR technology	Yes			
Integrated chopper (patented)	Yes			
Spraying / liquid edition	Yes			
Supplies				
Protection	16 A			
Voltage	3 x 400 V / 50 Hz (or acc. to local demand)			
Control system	PLC controlled with touch panel and printer			

The Bohle Blending System allows homogeneous blending of dry powder batches with its patented blending elements mounted to the inside of the container lid. The blending procedure can be scaled up from 4 – 12,000 liters.

For full flexibility the blending containers can be exchanged to use different volumes when required. Due to the patented Bohle Blending system each blending container can be used for effective mixing between 20 – 85 % of the total container volume, considering a product density of 0.2 – 1.2 kg/dm³.

The Pharma Blender is a stationary blending device, consisting of:

- PM machine body with load suspension device
- Electrical switch cabinet integrated in machine body (separate installation optional upon request)
- Separate operator panel
- Safety light barrier or laser scanner (optional)

The blending operation is a fully contained and closed process. Each container has an inner lid for filling procedures. An extended hoist allows the blender to also be used as a milling station for bin to bin transfer.