

# VH™ Series Powder Mixers



The VH™ Series Powder Mixers are semi-automatic mixing machines designed for combining dry powdered materials. Ranging from the VH 100™ Powder Mixer, which has a maximum capacity of 100 liters, (approximately 28 kg depending on the density of the raw material) all the way up to the VH 1000™ Powder Mixer, with a maximum capacity of 1000 liters (approximately 500 kg), this outstanding range of seven versatile and reliable mixers are suitable for the pharmaceutical and chemical industries, the food industry (including food technology applications), animal fodder production, ceramics and metallurgy, and any application that requires the thorough combining of two or more dry powders or granules.

All the VH™ Series Powder Mixers are easy to fill, and their specially designed asymmetric mixing tubes are mechanically operated to achieve simple, efficient, and highly effective integration of their contents.

## Main Benefits of the VH™ Powder Mixer

- Effectively combine dry powders of virtually any mesh size
- Asymmetric mixing tubes avoid dead angles, ensuring thorough mixing
- Safeguard the nutritional or chemical efficacy of your products
- Timed or continuous running with automatic cut-off at end of job
- Easily cleaned polished stainless steel tubes for durability and hygiene
- Simple operation and controls
- Rugged, heavy duty motors
- Compact, space saving designs with small footprint
- Series offers wide range of capacities to suit any requirement
- Highly efficient
- Low noise

## Specifications

Model	VH 100™	VH 150™	VH 200™	VH 300™	VH 500™	VH 1000™
Barrel capacity	100 L / 3.5 ft <sup>3</sup>	150 L / 5.3 ft <sup>3</sup>	200 L / 7.06 ft <sup>3</sup>	300 L / 10.59 ft <sup>3</sup>	500 L / 17.65 ft <sup>3</sup>	1000 L / 35.31 ft <sup>3</sup>
Approximate working capacity (weight)	28 kg / 62 lbs	50 kg / 110 lbs	55 kg / 121 lbs	80 kg / 175 lbs	140 kg / 308 lbs	300-500 kg / 661-1,102 lbs
Approximate working capacity (volume)	40-60 L / 1.4-2.1 ft <sup>3</sup>	60-90 L / 1.4-3.1 ft <sup>3</sup>	80-120 L / 2.8-4.2 ft <sup>3</sup>	120-180 L / 4.2-6.3 ft <sup>3</sup>	200-300 L / 7-10.5 ft <sup>3</sup>	500 L / 17.65 ft <sup>3</sup>
Stirring revolutions (r/min)	15	15	12	12	12	12
Mixing time (min)	6-8	6-8	6-8	6-10	6-10	6-10
USA Power (±10%)	220 V; 3 phase; 1.1 kW	220 V; 3 phase; 1.1 kW	220 V; 3 phase; 1.5 kW	220 V; 3 phase; 1.5 kW	220 V; 3 phase; 2.2 kW	220 V; 3 phase; 4 kW
UK Power (±10%)	440 V; 3 phase; 1.1 kW	440 V; 3 phase; 1.1 kW	440 V; 3 phase; 1.5 kW	440 V; 3 phase; 1.5 kW	440 V; 3 phase; 2.2 kW	415 V; 3 phase
Dimensions (mm)	1900 x 800 x 1190	1900 x 800 x 1730	2400 x 950 x 1510	2100 x 650 x 1850	2550 x 1000 x 1950	3180 x 1100 x 2250
Machine weight	200 kg / 440 lbs	250 kg / 551 lbs	300 kg / 661 lbs	350 kg / 771 lbs	550 kg / 1,212 lbs	950 kg / 2,094 lbs