

V shape Powder Mixers XL-VH



It is mainly used in pharmaceutical industry and also the chemical, food, electronic, plastic and metallurgical industries.

Operating principle:

The reducer of the machine drives the cylinder to rotate. This machine mix materials through the two cylinders which are with unequal length. When the mixing machine operates, because of the different potential energy, the materials have a lateral force when they decompose and compose. The materials are pushed to mix.

One cylinder rotates one circle, and then about 25% materials in this cylinder go into the other cylinder. Meanwhile, the rotation of the cylinders make the materials flow radially, so that the materials can mix radially and laterally in the trough. It can mix the materials very evenly.

Main Parameter:

Model	XL-VH5	XL-VH8	XL-VH14	XL-VH20	XL-VH30
Full Volume (L)	5	8	14	20	30
Max. Charging Quantity (L)	2	3	5.5	8	12
Overall Dimension (mm)	560*270*560	660*300*630	900*380*900	1090*340*885	1280*360*1055
Feed Port Diameter (mm)	76	76	108	133	133
Discharge Port Diameter (mm)	76	76	76	76	76
Barrel Rotary Speed (r/min)	24	24	20	20	20
Motor Power (kW)	0.25/0.55	0.25/0.55	0.37/0.55	0.55/1.1	0.55/1.1

Model	XL-VH50	XL-VH100	XL-VH200	XL-VH300	XL-VH500
Full Volume (L)	50	100	200	300	500
Max. Charging Quantity (L)	20	40	80	120	200
Overall Dimension (mm)	1350*450*1160	1900*800*1190	2010*850*1440	2220*900*1470	2300*910*2050
Feed Port Diameter (mm)	150	250	300	300	330
Discharge Port Diameter (mm)	80	80	80	100	200
Barrel Rotary Speed (r/min)	20	15	15	15	13
Motor Power (kW)	0.75/1.5	1.1/1.5	1.5	1.5	1.5