

High Efficient Mixer (V Shape Mixer)



The VH high efficient mixer (V shape mixer) is used for mixing dried powder and granular substance in the industry of medicine, chemicals, foods, fodder, pottery, metallurgy and so on. The input of raw materials can be achieved manually or through the vacuum sucking. This high efficient mixer (V shape mixer) is made up of a container formed by two cylinders welded in a V shape. Compared with the shaft and container's shape, it is asymmetrical. The powder grains will continuously and repeatedly change their places, be dispersed, and combine in the inclined cylinder under the force of circumgyration. Materials will be randomly transferred from one place to another place and the powder grains will slip, pile and move to the surface repeatedly and be cut and scattered time and again. Then the mixing is complete.

The VH high efficient mixer (also named as V shape mixer machine) is suitable for the mixing of materials with good fluidity and little difference, and materials needing to be mixed in short time and without strict mixing requirements. Thanks to the steady movement of materials in the container, the mixing will not damage the original shape of the material. So it is suitable for the mixing of fragile and easily worn grain materials or materials of finer grains, pieces, and containing some water.

Features:

Our high efficient mixer (also known as V shape mixer machine) adopts V shape unsymmetrical charging barrels to mix the materials. With a reasonable structure and easily operated, this machine can mix materials without any corner untouched and it is highly efficient. The charging barrels are made up of stainless materials with smooth walls inside which are easy to clean. It is an ideal facility for the enterprises.

- 1) Materials: carbon steel, stainless steel
- 2) Batch capacity: 8L-500L
- 3) Unique structure able to mix efficiently, with no dead corners
- 4) Easy to feed, discharge, clean and replace materials

Parameter:

Model	Barrel capacity (L)	Feed volume (L)	Feed weight (kg)	Agitation speed (r/min)	Mixing time (min)	Motor power (KW)
VH8	8	0.4	2.5	60	6-8	0.25
VH14	14	0.4	4	46	6-8	0.37
VH100	100	0.4	28	15	6-8	1.1
VH150	150	0.4	50	15	6-8	1.1
VH200	200	0.4	55	12	6-8	1.5
VH300	300	0.4	80	12	6-10	1.5
VH500	500	0.4	140	12	6-10	2.2