

V Series High Efficient Mixer



V type mixer or V shape mixer is mainly used for mixing dry powder material and granular substances in pharmaceutical, chemical, food, fodder, pottery, metallurgy and other industries. Raw materials can be input manually or through vacuum sucking. This high efficient mixer is made up of a container formed by two cylinders welded in an asymmetrical V shape.

Main Application

V type mixer is suitable for mixing materials with good fluidity and materials that need to be mixed in a short time without special mixing requirements. The steady movement of materials in the container makes the mixing not damage the original shape of materials. Therefore, this high efficient mixer is well suited for mixing fragile and easily worn grain materials. This product has become an ideal facility for pharmaceutical enterprises.

Features

1. V type mixer adopts V type asymmetric charging barrels to mix materials. The charging barrel is made up of stainless materials with smooth walls inside that are easy to clean.
2. With reasonable structure, this high efficient mixer is easy to operate. It can mix materials efficiently.
3. V type mixer is easy to feed, discharge, clean and replace materials.

Working Principle

The powder grains will continuously and repeatedly change their places, be dispersed and combined in the inclined cylinder under the force of circumgyration. Materials will be randomly transferred from one place to another and the powder grains will slip, pile and move to the surface repeatedly. They will be cut and scattered repeatedly. Then the mixing process of this high efficient mixer is finished.

Technique Parameters

Type	Barrel Capacity (L)	Working Capacity (L)	Feed Weight (kg)	Mixing Speed (r/min)	Working Time (min)	Motor (kW)
VH8	8	0.32 × 8	2.5	60	6-8	0.25
VH14	14	0.32 × 14	4	46	6-8	0.37
VH50	50	0.32 × 50	16	15	6-8	0.55
VH100	100	0.4 × 100	40	15	6-8	1.1
VH200	200	0.4 × 200	80	12	6-8	1.5
VH300	300	0.4 × 300	80	12	6-10	1.5
VH500	500	0.4 × 500	200	12	6-10	2.2
VH600	600	0.4 × 600	240	12	6-10	2.2
VH1000	1000	0.4 × 1000	300	12	6-10	2.2
VH1500	1500	0.4 × 1500	600	12	6-10	2.2