

TODAY MACHINE

Simple & Responsible Since 2001

3 Dimension Mixer SYH-16/50/150/200



Mixing the powder state and grain state materials to achieve high uniformity in the pharmaceutical, chemical, food, light-industry, electronic, mechanical, metallurgical, nation defense industries and other science and technology institutes.

Description:

Three dimension mixer. The mixing barrel of the machine moves in multi-direction. For the materials, there is no centrifugal function, without the specification gravity segregation and the layer division. For each of build-up phenomenon, there is the remarkable weight rate. The mixing rate is high. The machine is the desired one of various mixers at present

Working Principle:

The barrel for charging the materials is driven by the driving shaft. The barrel body carries on the repeated level movement, rotation, turning and other complex movements so that the materials will carry out the three dimensions and complex movements along the barrel body so as to realize the various movements of the materials. Through disseminating, gathering, agglomerating and mixing to realize uniform mixing.

Characteristics:

The material charge rate of barrel is large. Maximum rate can be up to 80% (while normal mixer has only 40-50% of charge rate.). It is high in efficiency and short in mixing time.

The barrel adopts arc shape connections and it's well polished.

Technical parameter:

Model	Barrel volume	Max contain volume	Rotation speed	Electric	Power	L×W×H	Weight
	(L)	(L)	(r/min)		(kw)	(mm)	(kg)
SYH-16	16	12	10-30	220V/380V	0.37	800x800x800	70
SYH-50	50	40	10-30	220V/380V	0.75	1000x1000x1000	150
SYH-150	150	120	10-30	220V/380V	1.5	1200x1200x1450	250
SYH-200	200	160	10-30	220V/380V	2.2	1350x1350x1600	400