SWH-series Powder Mixer Machine

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.

Applications

The mixing barrel of the machine moves in multi-direction. For the materials, there is no centrifugal function, without the specific 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.

The material charge rate of barrel is big. Maximum rate can be up to 90% (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 its well polished.
The machine is used for 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 institue.

Technical Parameters:

	SWH-5	SWH-15	SWH-50	SWH-100
volume of barrel(L)	5	15	50	100
charge volume (L)	4.5	13.5	45	90
charge weight(kg)	1.5-2.7	04.08.2001	15-27	30-54
rotation speed of main shaft(r/min)	0-20	0-20	0-20	0-20
motor power(Kw)	0.25	0.37	1.1	1.5
size LxWxH(mm)	600×1000 ×1000	800×1200 ×1000	1150×1400 ×1300	1250×1800 ×1550
weight(kg)	100	200	300	800

	SWH-200	SWH-400	SWH-600	SWH-800
volume of barrel(L)	200	400	600	800
charge volume (L)	180	360	540	720
charge weight(kg)	50-108	100-216	150-324	200-432
rotation speed of main shaft(r/min)	0-15	0-15	0-13	0-10
motor power(Kw)	2.2	4	5.5	7.5
size LxWxH(mm)	1450×2000 ×1550	1650×2200 ×1550	1850×2500 ×1750	2100×2650 ×2000
weight(kg)	1200	1200	1500	1700