

SHH-GHL300 High Speed Wet Granulator Machine



The High Speed SHH-GHL series wet type high speed mixing granulator is an advanced wet granulator which can effectively mix the target materials to turn out finequality wet granules, and is widely applied by the trades of foodstuff, chemical, powder metallurgy, and dyeing etc.

Feeding the main materials and auxiliary materials that need to be granulated into the mixer tank in appropriate proportions and formulas. The powder materials and binders are fully mixed at high speed by the bottom mixing paddle in the cylindrical container to form moist soft materials. The side-mounted high-speed crushing paddle cuts into uniform wet particles, thereby achieving the purpose of granulation. Vacuum drying and auxiliary system equipment can also be selected to achieve one step and directly obtain the finished product.

Features

1. The High speed SHH-GHL series wet type mixing granulator adopts a practical horizontal cylinder structure.
2. The driving shaft is equipped with inflatable seal. While washing, the air can be replaces by water.
3. Fluidized granulating processed is used and the final granules are quite round with high fluidity.
4. Compared with traditional technique, this type of machine can reduce 25% of adhesive and also shorten the drying time.
5. For each batch of material, with 2 minutes dry mixing and 1-4 minutes granulating, the efficiency is 4-5 times higher than that of traditional technique.
6. Dry mixing, wet mixing and granulating are finished inside the same sealed container, which is in conformity with the requirement of GMP.

Product Application

Food and feed, Ceramic products, Plastic, rubber, tires, Polymers and resins, Biochemical products, Chemicals and Fertilizers, Perfume, Pigments and dyes, Vegetable and plant extracts, Fragrance, Food crops.

Technical Parameters:

Model	SHH-GHL50	SHH-GHL150	SHH-GHL200
Volume (L)	50	150	200
Capacity(kg/batch)	15	50	80
Mixing speed(rpm)	200/400	180/270	180/270
Mixing power(kw)	4/5.5	6.5/8	9/11
Cutting speed(rpm)	1500/3000	1500/300	1500/300
Cutting power(kw)	1.3/1.8	3/7/13	4.5/5.5
Amount of compressed air(m ³ /m)	0.6	0.9	0.9

Model	SHH-GHL250	SHH-GHL300	SHH-GHL400
Volume (L)	250	300	400
Capacity(kg/batch)	100	130	200
Mixing speed(rpm)	180/270	140/220	106/155
Mixing power(kw)	9/11	13/16	18,5/22
Cutting speed(rpm)	1500/300	1500/300	1500/300
Cutting power(kw)	4.5/5.5	4.5/5.5	6,5/8
Amount of compressed air(m ³ /m)	0.9	1,1	1,5