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## GHL Series High Speed Mixer Granulator



# Working Principle

In GHL High Speed Mixer Granulator, powder material and binder are fully blended by mixture at the bottom of the cylindrical container into moist soft material, and then cut into uniform moister particles by the high-speed crusher on one side.

## Features

- 1、 Employ reasonable structure--horizontal cylinder structure.
- 2、 Employ gas flow closing drive shaft and it can be changed as channel to transmit water in process of cleaning.
- 3、 Fluidized granulation produces ball-shaped particles with fine mobility.
- 4、 25% binder is reduced compared with traditional technology and drying time is shortened.
- 5、 Each batch experiences 2-minute dry blend and less 4-minute granulation, and the processing efficiency is improved 4-5 times.
- 6、 Dry blend, moisture blend and granulation are finished in one sealed container, improving efficiency.
- 7、 The whole process is under strict safety precautions.
- 8、 Jacket type might be adopted on request.

## Application

GHL High Speed Mixer Granulator is widely used in the industries of pharmacy, food, chemical, and so on.

## TECHNICAL PARAMETERS

Item / Model	GHL-10	GHL-50	GHL-150	GHL-200	GHL-250	GHL-300	GHL-400	GHL-600
Volume(L)	10	50	150	200	250	300	400	600
Yield (kg)	3	15	50	80	100	130	200	280
Mixing Velocity(r.p.m)	300/600	200/400	180/270	180/270	180/270	140/220	106/155	80/120
Mixing Power (kw)	1.5/2.2	4/4.5	6.5/8	9/11	9/11	13/16	18.5/22	22/30
Cutting Speed(r.p.m)	1500/3000	1500/3000	1500/3000	1500/3000	1500/3000	1500/3000	1500/3000	1500/3000
Cutting Power (kw)	0.68/1.1	1.3/1.8	2.4/3	4.5/5.5	4.5/5.5	4.5/5.5	6.5/8	9/11
Compressed Air Consumption(m <sup>3</sup> /min)	0.6	0.6	0.9	0.9	0.9	1.1	1.5	1.8

# More Photos

