



## *HG Dryer-Granulator*



HG Dryer-granulator compare with traditional vibrating granulator, wet-granulator, fluid-bed granulator machinery, it have powder material into granulator directly meet with customer request. Press material no need additional any intermediate and additive, after granulator size even, accumulate density increase, not only control pollution and also reduce other no necessary accessories, reduced by manufacture cost, at same time improved material appearance and flowerily, in order to product next step and stock. Also control dissolubility, porosity and surface area advantage. As granulator shorten be extrusion. No long time heating process, so original material content don't easy broken. Specialas for Heat sensitive product.

HG series dry-granulator is composed of as following: transfer feed system, extrusion system. The front cover system , water cooling system, granulator system. Hydraulic system, engine block combination, Cover plate assembly, Rotary screen system. Total machine design into body inside and body outside operation board. All driving parts and attached facilities be design inside of machine, working parts design at operation board outside contact with product. middle have multi sealing insulate, it will working at close sealing condition. Easy to dischare and cleaning contact with product. In order to protect deducted leakage, reduce pollution. Reduce pried area meet with pharmaceutical GMP request.

**Technical data:**

<b>Model</b>	<b>HG-100</b>
Granule size (mm)	0.4~2.5
Max capacity(kg/h)	100kg/h (difference material that capacity has difference)
foming pressure KN	40~120
screw feeder rotate speed(rpm)	20~86
roller rotate speed(rpm)	7.4~23
second class granulator speed(rpm)	50~186
Screw feeder motor power(KW)	1.1
Roller motor power(KW)	4
second class granulator motor power(KW)	0.75
Hydraulic motor power(kW):	1.1
LxWxH(mm) outside size:	1400mmx1150mmx1950mm
	If addition vacuum feeder height is 2450mm