

## *Pharmaceutical Roller Compactor LGV200*



Pharmaceutical Roller Compactor, LGV200 model, is newly developed equipment with integration of the compacting, crushing and granulating process. It can produce the powder material into granules with desired mesh ( $>16$ ), and increase the material proportion and fluidity.

By using of Screw Vertical Feeding System, Roller Cooling System, Vacuum Exhaust System and Two-stage Granulating System, it efficiently reduces the fines content of the final granule and improves the quality of granules, so that makes a good preparation for the subsequent tablet pressing and capsule filling.

LGV200 Pharmaceutical Roller Compactor has a strong adaptability for all kinds of material, and can be used to produce the desired mesh granules according to the different needs without any additive during granulating. With easy process, compact structure, high automation, modular design, high batch capacity, high yield, as well as easy cleaning and maintenance etc., it is widely used in pharmaceutical, food and chemical industry.

Technical Parameters:

Model	LGV200
Roller Size	Φ200×50mm (W)
Granularity	0.2-2.0mm
Capacity*	30-100kg/h
Maximum Forming Pressure	120bar
Screw Feeding Rotating Speed	20-120rpm
Roller Rotating Speeds	6-16rpm
Two-stage Granulating Rotating Speed	80-200rpm
Total Power	8.0KW
Circulated Cooling Water Temperature	<40℃
Overall Dimensions	1400×1150×1950mm
Weight	1800Kg