

# LG系列干法制粒机

## LG Series Dry Granulator

### ► 用途 (Application)

干粉物料从机器料斗添加，经过螺旋预压进入对辊，在对辊挤压力作用下使物料被压缩成片状。片状物料再经过破碎、整粒、筛分等过程，得到颗粒产品。干法制粒机广泛应用于制药、食品、化工等行业。

LG series dry granulator is a machine that adds materials from the hopper of the machine, pre-compresses them into the granulation area through the horizontal spiral feeder, and under the extrusion of the double rollers, the materials become flakes. The flake materials go through processes such as crushing, granulation, and powder screening to obtain the required granular materials. Dry granulators are widely used in pharmaceutical, food, chemical and other industries.



### ► 特点 (Features)

1. 干粉直接造粒，无需后续干燥过程。
2. 工艺流程简短，能耗低。
3. 颗粒强度高，堆积比重的提高较其他造粒方式都更为显著。
4. 系统密闭循环操作，实现连续生产。
5. 操作弹性大，适应范围广。颗粒强度的大小可通过液压力调节。
6. 物料经机械压力强制压缩成型，不添加任何润湿剂，产品纯度得到保证。

1. Dry powder is directly granulated without subsequent drying process.
2. The process flow is short, energy consumption is low.
3. The granules have high strength and the increase in stacking specific gravity is more significant than other granulation methods.
4. The system operates in a closed cycle to achieve continuous production.
5. The operation is flexible and has a wide adaptability. The particle strength can be adjusted through hydraulic pressure.
6. The material is compressed and formed by mechanical pressure without adding any wetting agent, so the purity of the product is guaranteed.



### ► 技术参数 (Technical Parameters)

参数ITEM	型号TYPE	LG-100	LG-150	LG-200
压辊尺寸 Roller Size	mm	Φ100*25	Φ150*50	Φ200*75
生产能力 Production Capacity	kg/h	0.5-20	40-120	70-220
电机功率 Power	kw	2.2	8	12.5
螺杆转速 Screw Speed	rpm	5-80		
成品粒度Fineness	mm	0.4-1.5	0.2-2	0.2-2
机器净重 Net Weight	-	350kg	1.6T	2T