

Product specifications

产品规格

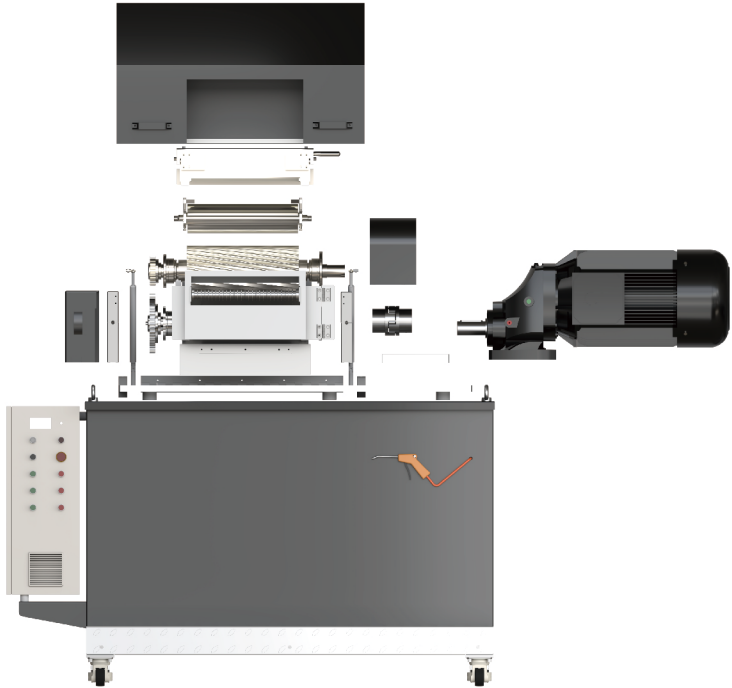
项目 Items	参数 Basic Data / Parameters			
产品型号 Product Model	GR125	GR240	GR300	GR400
切刀(mm) Cutter(mm)	Φ180 ×125	Φ180×240	Φ180 ×300	Φ180x400
进料速度 (m/min) Feeding speed (m/min)	89	89	89	89
驱动功率(kw) Drive power(kw)	5.5/7.5	7.5/11/15	15/18.5	22
最大进料量 (pcs) (条) Maximum feed quantity (pcs) (pieces)	< 20	< 40	< 60	< 80
颗粒大小(mm) Particle size (mm)	标准Standard φ3x3	标准Standard φ3x3	标准Standard φ3x3	标准Standard φ3x3
切刀材质 Cutter material	高速钢/硬质合金 High-speed Steel / Hard Alloy (Carbide)	高速钢/硬质合金 High-speed Steel / Hard Alloy (Carbide)	高速钢/硬质合金 High-speed Steel / Hard Alloy (Carbide)	高速钢/硬质合金 High-speed Steel / Hard Alloy (Carbide)
设备重 (kg) Equipment weight (kg)	490	586	620	890

注：本文件所述内容仅用于参考， 实际产品参数请咨询灵鸽科技根据具体设计方案而定
Note: The contents of this document are for reference only. For actual product parameters, please consult Lingood Technology based on the specific design plan.

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Material Handling Systems

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Gear-Type Gantry Pelletizer

齿轮式龙门切粒机

齿轮式龙门切粒机可将塑料料条切成标准Φ3*3的粒子，被切材料硬度大于邵氏50 度，可根据用户要求定制切粒大小。

The gear-type gantry pelletizer can cut plastic strips into standard Φ3*3 pellets. The hardness of the cut material is greater than 50 Shore A. The pellet size can be customized according to user requirements.



How It Works

工作原理

经挤出机挤出的料条通过导向轮进入切粒机，通过切粒机的的滚刀高速旋转将料条切成标准Φ3*3的粒子，然后粒子通过切粒机出料口进入振动筛或者通过分向阀进入旁通管进行收集。

The material strips extruded by the extruder enter the pelletizer through the guide wheel. The high-speed rotation of the pelletizer's hob cuts the material strips into standard Φ3*3 pellets. Then the pellets enter the vibrating screen through the pelletizer outlet or enter the bypass pipe through the diverter valve for collection.

Features

产品特点

- 高产量，切粒滚刀宽度GR400，产量≥2.5T/h。
- 高灵活性，定刀可方便调节，使用寿命相比之前提高≥50%。
- 高强度，滚刀和定刀材质可选配，胶辊标配超级橡胶，具有优良的耐高温及耐磨性。
- 集成化，电气系统与主机一体化布置，出厂前完成安调试验。



- High output, pelletizing cutter width GR300, output ≥1.5T/h.
- High flexibility, the fixed knife can be easily adjusted, and the service life expectancy is increased by ≥50%
- High strength, the materials of the hob and fixed knife are optional, and the rubber roller is standardly equipped with super rubber, which has excellent high temperature resistance and wear resistance.
- The electrical system is integrated with the main engine and the installation and adjustment test is completed before leaving the factory.

Function

功能特点



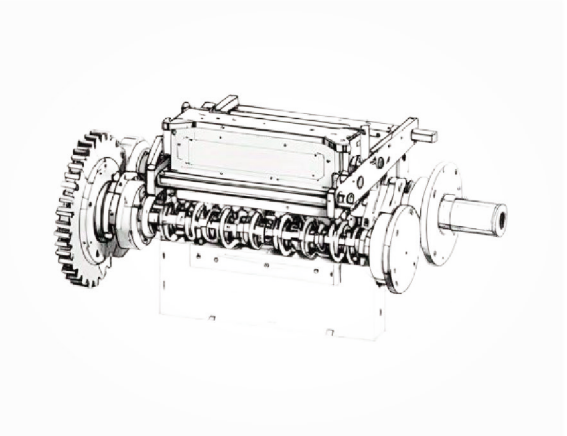
切刀特殊刀体材质及处理工艺及高耐磨化技术
Special cutter body material, processing technology and high wear resistance technology



超级胶辊技术
Super rubber roller technology



滚刀、胶辊、牵引轴三轴系传动及切刀间隙调解技术
The three-axis transmission system of hob, rubber roller and traction shaft with the adjustment technology of cutter gap



模块化设计技术结构紧凑
Modular design technology and compact structure