



GK-series Dry Granulating Machine



Dry Granulating Machine is suitable for granulating of raw materials that cannot be granulated through damped method. It can solve the problem that the damp drying can't be finished.

Main application

1. Medicine: granule for pressed disk, granule for filling capsule and so on;
2. Foodstuff: granule for foodstuff making, granule for flavoring;
3. Plastic: shaped granule of all kinds of plastic;
4. Chemical industry: granule of catalyst, pigment, detergent and other chemical raw materials

Main Characteristics:

1. The density of dry powder granule is homogeneous. Its solubility is good. The ratio of granule formed is high.
2. Heat proceeding from extrusion is cooled by the circle cooling water producer.
3. The side seal structure and the reasonable scraper bar structure may effectively eliminate the phenomenon of fine powder at the side of running roller.
4. The structure of crushing system plus two pairs of roller granulating mechanisms employed in the extrusion, crushing and granulating system is a creation in the country which coordinates the feeding and discharging of materials and produces ideals grains. The system is enclosed in a sealed stainless steel housing to avoid flying dust in the operation room.
5. For the profiled non-equal-distance screw stem, nylon screw stem or stainless steel screw stem is provided depending on different material requirements.

6. Oil lubrication is used for bearings of principal axes instead of the commonly used grease lubrication and thus has enabled the machine to be filled with oil without the necessity for assembly and disassembly.
7. The reasonable housing structure is convenient for a assembly and disassembly as well as internal cleaning. Particularly it is suitable for granulating of raw materials that cannot be granulated through damp method.
8. Being adapted advanced electric hydraulic pressure, its operation is simple and its automatic content is high.
9. Being adapted seal operation, no pollution, the quality of finished product meets the requirement of health.
10. Being adapted special mechanism to feed raw material, it guarantees raw material can be fed effectively.

Technical Parameters

Model		GK-70	GK-100	GK-200
Motor Power	Kw	10.8	11.1	23.5
Capacity	Kg/h	20-60	60-200	80-300
Granulation size	Mm	0.4-6	0.4-6	0.4-6
Machine weight	Kg	1600	2000	3000
Dimensions	Mm	1380x850x2200	1850x1100x2600	2080x1240x2920