

KLZ-270 Multifunctional Mill



KLZ-270 multifunctional mill is made of stainless steels and is a newly developed and designed product. The mainframe adopts frequency stepless speed governor, featuring easy operation, low noise and ease in cleaning and maintaining. It is in conformity with GMP and widely applied in the industry like pharmaceutical, foodstuff, cosmetics and so on. It subtly joints with different screens and mixing blades through a transmission mechanism in order to palletize the wet materials in pressing and to shape the granules, and to grind and shape the dry materials into granules.

In pressing and palletizing the screen works as a stator, the mixing blade as an impeller, while the pressure produces in rotating in order to continuously extrude the wet materials out from the screen holes, continuously granulating the wet materials from granules into column ones, featuring close quality, little fine powder and lowering in absorbing humidity.

Working Principle

The function principles of dry shaping granules are the same as the above mentioned. It only needs to change special screens and mixing blades. The granules are characterized by equality, little fine powder and fine fluidness. It takes the mixing blade as stator and the screen as impeller in wet shaping granules.

The centrifugal force produces while the screen is rotating at a high speed to extrude the small granules out from the inferior screen holes. While it can keep the smaller granules from being damaged by the outside force into fine, the bigger ones move onto the top of screens and are extruded out from the screen holes after being shaped into small granules, in fine shaping effects, featuring little fine powder, loose construction and ease of dry.

Technical Parameters:

Model	KZL-270
Production capacity (kg/h)	200-400
Screen (diameter)	Φ1 – Φ8
Motor (kw)	2.2
Speed scope	80-1900
Granularity (mesh)	60-2
Dimensions (mm)	1100×360×1200