

Pin Mill



Hongmao pin mill is a kind of high-efficiency modern fine grinding equipment. Besides the advantages of compact structure, short process route, simple operation, large production capacity and small floor space, Hongmao pin mill also has the following characteristics: good product quality, high yield of starch, simplified starch production process and improved lubrication mode of bearing.

Application:

the equipment is widely used in starch processing such as corn, potato, beans, etc., and also suitable for crushing fruit juice and grain. It

is an ideal equipment for fine grinding processing in starch and food industries.

Technical parameters

Model	HM-PM685-P55	HM-PM1000-P220
Diameter of outer circle of moving disk (mm)	685	1015
Moving disk rotary speed (r/min)	3750/3750/4100	3100
Linear velocity of external circle of moving disk (m/s)	140/140/147	164.8
Feed DS (corn slurry)	>300g/l	>300g/l
Feed starch content (corn slurry)	≤10%	≤10%
Capacity (corn)(t/h)	3-5	10-15
Starch content in fiber residue after grinding	≤15%	≤15%
Coarse residue ratio after grinding	≥2.5:1	≥2.5:1
Machine noise (water feeding)(dBA)	≤90	≤106
Power (kW)	55	220
Hydraulic system pressure, Mpa	0.10-0.15	0.10-0.15
Motor of oil pump, kW	0.75	0.75
Overall dimension, LxWxH (mm)	2000×1200×1635	2870×1880×2437
Weight (Kg)	2300-2400	6500

Hongmao relies on the professional design, the strict production management, the fine processing procedure, provides the high efficiency and energy saving equipment system for the customer. Manufacturing factory has passed the international ISO9001 quality system certification, and with the design and manufacturing capacity of pressure vessels. Customers can choose international ISO, EU CE and other standards for equipment design and production according to their needs.