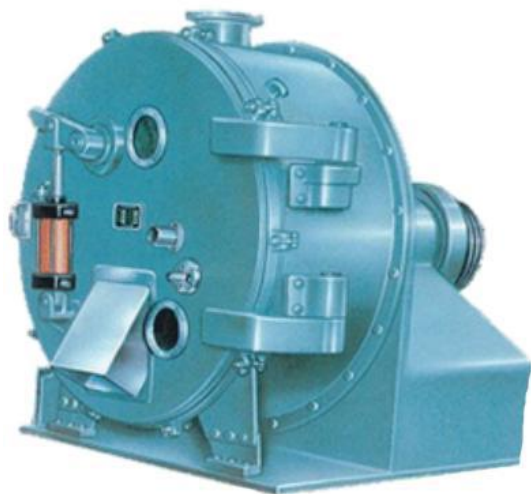


## Peeler Centrifuge



Hongmao peeler centrifuge, after full running, open the feed valve, the separated suspension through the hopper into the drum and evenly distributed on the inner wall of the drum filter medium. Under the action of centrifugal force, the liquid phase is flung out of the drum through the filter medium and the holes on the drum, while the solid phase is trapped on the filter medium to form a filter cake. When the filter slag layer reaches a certain thickness, close the feed valve to wash the solid, and then dry. Finally, the filter slag layer is removed by rotating scraper, and the material is discharged out of the machine by shuttle groove or spiral conveyance.

### Structure and performance characteristics:

- (1) Fully automatic operation with low manual labor intensity;
- (2) Each actuator adopts hydraulic system for automatic control, stable and reliable operation;
- (3) Electric adopts PLC control, accurate movement, convenient adjustment;
- (4) Drive by VFD or hydraulic coupler, smooth start and stop;

### Application:

It can be widely used in food, chemical, pharmaceutical, light industry and other industries.

Typical application materials: starch, potassium chloride, table salt, heavy alkali, caustic soda, diglycine, sodium cyanide, calcium hydrogen phosphate, ammonium chloride, etc.

### Technical parameters

Model	HM-PC0.8 -P37	HM-PC1.2 5-P55	HM-PC1.6-P1 10	HM-HPC0. 8-P45	HM-HPC1. 25-P90	HM-HPC1.6 -P132	HM-HPC1.8 -P200
Drum dia. (mm)	800	1250	1600	800	1250	1600	1800
Drum length (mm)	450	600	800	450	600	1000	1250
Drum speed (r/min)	1550	1200	950	1550	1200	950	800
Loading weight (kg)	130	400	850	130	450	1000	1760
Loading volume (L)	100	310	660	100	355	830	1325
Separation factor (Fr)	1070	1006	800	1070	1006	800	645
Main power (kw)	37	55	110	45	90	132	200
Overall dimension (mm)	2460×1670 ×1300	3100×2070 ×1775	3385×2725×2 220/ 4720×2725×2 220	2480×1670 ×1310	4050×2300 ×1960	5200×2745× 2295	5800×2840× 2600
Weight (kg)	3350	7420	12400/12800	3820	10760	16550	24900

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.