

## Disc Separator



In the starch separation process, Hongmao disc separator produces very high centrifugal force due to high speed rotation, which improves the separation efficiency and maximizes the production efficiency. It has the advantages of all kinds of separator, small vibration, large handling capacity and stable operation. It is mainly used in pre-concentration of starch, separation of starch and gluten, concentration of gluten (protein) and clarification of water in the process.

### Features:

- 1) Large rotary drum diameter, large disc area, strong processing (separation) ability, good separation effect:
- 2) using the upper suspension drive, so that the separator has a high degree of rotation stability, and greatly improved the service life of the bearing and spindle;
- 3) Automatic control of lubricating oil circuit is adopted to protect the driving system and extend the service life of the driving system;
- 4) Large nozzle is adopted to ensure the continuity of production with large feeding capacity and small blocking opportunity;
- 5) Equipped with a drum lifting hydraulic system, which makes it more convenient to overhaul the drum and replace the nozzle;
- 6) The drum is made of imported high-strength corrosion-resistant stainless steel, which ensures the safety and stable operation of the separator;
- 7) The equipment can be started without load;
- 8) Can handle materials of various concentrations without internal adjustment;
- 9) The equipment has an internal circulation system to keep the separation stable and facilitate accurate adjustment and control.
- 10) simple operation, operators can quickly master the operating procedures.

### Technical parameters

Model	Capacity (T/H)	Drum speed (rpm)	Power (Kw)	Weight (kg)	Overall dimension L×W×H (mm)
HM-SP445-P30	20-35	4500- 5200	30	1400	1284×1407×1457
HM-SP520-P37	25-45	4650	37	1550	1617×1240×1565
HM-SP600-P75/55	30-60	2850- 4800	75/55	3500	2000×1000×2050
HM-SP800-P132/110	22-115	2750- 3300	132/110	7800	2800×1500×2200
HM-SP935-P250/220	45-225	2250- 3050	250/220	11000	3200×1800×3100

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.