

Gravity Arc Screen



Hongmao gravity arc screen is a new type of efficient static screening equipment. The screen surface is made of stainless steel wedge with a certain arc shape. It can be used in large amount of wet material screening occasions, for the separation, screening, dehydration, washing, extraction of various materials, solids and impurities removal, etc. The separation of coarse and fine residues (fibers), such as corn dehydration, germ dehydration and washing is widely used in starch industry, which is the most ideal and important equipment in starch industry.

The equipment has the characteristics of large production capacity, good screening effect, safe and reliable use, screen surface is not easy to caulk, long service life, reasonable structure and so on.

Technical parameters

Hongmao gravity arc screen

Model	Screen surface arc angle / (°)	Screen surface width / mm	Screen surface length / mm	Screen surface area / m ²
HM-AS-G0.8	60	800	800	0.64
HM-AS-G1.0		1000		0.8
HM-AS-G1.2		1200		0.96
HM-AS-G1.5		1500		1.2
HM-AS-G1.8		1800		1.44
HM-AS-G2.0		2000		1.6

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 Chinese GB, International ISO, American standard AWS, EU EN and other standards for equipment design and production according to their needs.

Pressure Arc Screen



Hongmao pressure arc screen is a kind of high efficiency screen which depends on pressure to screen wet materials. It is composed of screen surface, screen box, feeding device, and discharge port, etc. The screen surface is the key part of pressure arc screen, which is assembled by the stainless steel shaped screening bar. When working, the wet material with 0.2-0.4 MPa pressure from the nozzle, tangential force generated by the high feed injection speed, triangular shape is woven into the edge, so that the thin layer material wipe scrape into, which make water and fine material evenly

dispersed. The so-called "scrape" role, is to make the material easy to classification, and the entire screen surface gets the indispensable self-cleaning. Oversize material discharge from the pot of the oversize material. And the screen underflow goes into the pulp out of the mouth.

Technical parameters

HM-AS-P series pressure arc screen

Model	Screen surface length / mm	Screen surface width / mm	Material pres. / MPa	Screen suture / um
HM-AS-P585×1	1600	585	0.25-0.4	50/75/100/120/150
HM-AS-P585×2		585		50/75/100/120/150
HM-AS-P585×3		585		50/75/100/120/150
HM-AS-P710×1		710		50/75/100/120/150
HM-AS-P710×2		710		50/75/100/120/150
HM-AS-P710×3		710		50/75/100/120/150
HM-AS-P800×1		800		50/75/100/120/150
HM-AS-P800×2		800		50/75/100/120/150
HM-AS-P800×3		800		50/75/100/120/150
HM-AS-P800×4		800		50/75/100/120/150

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