

Drum Screen

Drum Screen is mainly used to remove big-size light impurities in waste paper stock preparation system. Its advantages are good screening effect, low power consumption, simple structure and easy maintenance.





Structure And Principle

Drum Screen is made of screen basket, machine bracket, gear motor drive device, belt drive device, riding wheel device, catch wheel device and spray pipe system, etc. Helical blades inside drum screen basket can transfer impurities. Light impurities along with pulp enters into screen basket from inlet pipe, in the effect of gravity, fine stock discharged through accepted pulp opening while light impurities transported by helical blade to the tail of screen basket then discharged. Spray system is installed on two sides of screen basket to clean the stock in impurities and keep screen basket unblocked.



Advantages

- It is mainly used in waste paper pulping system to remove large light impurities.
- Effective screening, low power consumption.
- Simple structure, reliable performance, easy maintenance.

Technical Parameter

Model		ZST1A	ZST2A	ZST4A	YTS1500
Drum Diameter: (mm)		φ1000	φ1500	φ2000	φ1500
Output: (L/min)		3000-5000	6000-8000	9000-12000	8000-10000
Hole Diameter: (mm)		Φ6、φ8、φ10、φ12 (selected by customer)			
Spray Water Pipe	Diameter: (mm)	φ42	φ48	Φ60	Φ89
	Water Flow: (L/min)	100-300	150-400	200-500	320-500
Motor	Model	R77-4P-4	R77-4P-5.5	R97-4P-11	K97DV160L4
	Power: (KW)	4	5.5	11	15
Outline Dimension: (mm)		4500 1555 1900	5660 2000 2500	6880 2530 2965	6200 2300 4335

Drum Screen Installation Site



