

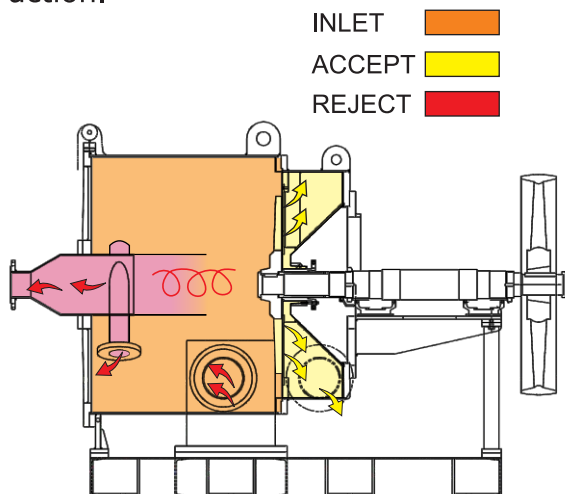
PARASON TURBO SEPARATOR

APPLICATION

Parason Turbo Separator is a disc screen specially designed for coarse screening of primarily for pulp strainer with a high trash and flake content like recycled paper

WORKING PRINCIPLE

The Pulp stock is feed to inlet chamber through a tangential inlet . inlet chamber is also having heavy reject outlet and light reject outlet at the center of the chamber door. Between accept chamber and inlet chamber there is a screen with a rotor having several curved blades. These curved rotor blades keep the screen opening free by suction pulses and transport the trash and flakes radially outward to heavy reject outlet. The light weight reject accumulates at the center of whirl and are pushed towards light reject outlet. Baffle bars near periphery, effects the deflaking action.



BENEFITS

- Most suitable in screening of pulp slurries with high trash and flake content.
- Can be used as a secondary screen with a cylindrical screen in the first stage.
- Higher deflaking potential and ensures reliable operation.
- Online contaminants removal of both light and heavy rejects separately.

Size		Parason TS 450	Parason TS 650	Parason TS 900	Parason TS 1000	Parason TS 1200
Type	---	Horizontal	Horizontal	Horizontal	Horizontal	Horizontal
Capacity ¹	TPD	25 max	40 max	90 max	100 - 120 max	120 - 140 max
Consistency	%	3 - 3.5	3 - 3.5	3 - 3.5	3 - 3.5	3 - 3.5
Motor Rating ²	KW	40	60	90	125	132
Motor Speed	RPM	1440	1440	1440	980	980

1. Throughput depends on pulp on pulp consistency and screen perforation / slott.

2. Motor rating depends on through put.



*Due to constant research and development specifications are subject to change.



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