

PARASON HORIZONTAL PRESSURE SCREEN

APPLICATION

Parason Horizontal Screen is designed for coarse screening at Pulp mill/Stock preparation stage and to work with waste paper/mill pulp.

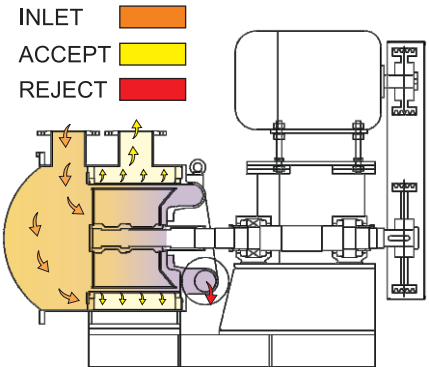
WORKING PRINCIPLE

Pulp stock at 2 to 4% consistency enters vertically in to a screen inlet chamber. Full size inlet chamber and vertical entry of the stock avoids passage of thick or heavy weight contaminants between screen rotor and screen basket, whereas the pulp stock to be screened flows through screen. Specially designed rotor is having foils which drive the stock at a high speed. The stock reaches the screen surface at very sharp angle relatives to the

tangent line of screen basket which ensures excellent screening.

BENEFITS

- Specially designed rotor avoids string formation.
- Lowest power consumption.
- Easy access to screen basket and rotor.
- Applicable for both coarse and fine screening.
- Specially for reject handling.



Size	MM	Parason 400	Parason 600
Type	---	Horizontal	Horizontal
Capacity ¹	TPD	15 - 30	30 - 70
Consistency	%	2 - 3.5	2 - 3.5
Motor Rating ²	KW	22 - 37	37 - 55
Motor Speed	RPM	1440	1440
Stock Inlet Pressure	Kg Sq.cm	1.5 - 2.0	1.5 - 2.0
Rotor Speed	RPM	1220	890

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 specification are subject to change.



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Parason... Leader in stock preparation

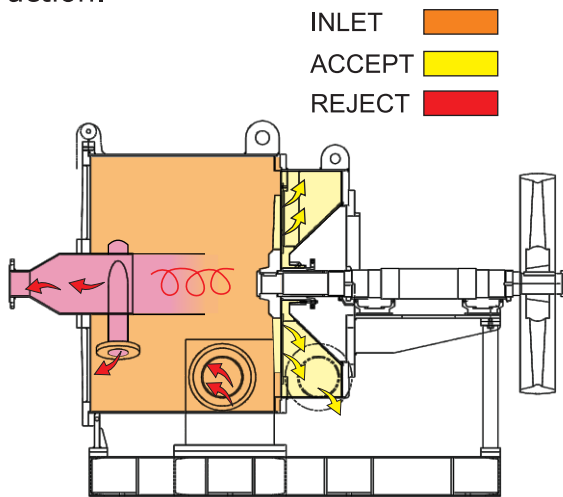
PARASON TURBO SEPARATOR

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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