

PARASON LOW CONSISTENCY SCREEN

*Screening
Technology
for Wide Range of
Applications*

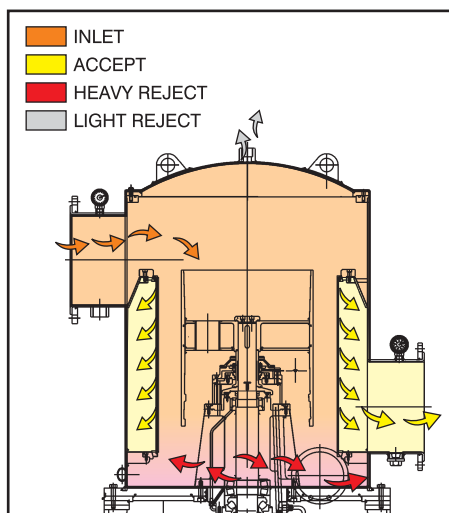


PARASON LOW CONSISTENCY SCREEN

LOW CONSISTENCY SCREEN

CONSISTENCY RANGE 0.4 to 1.1%

Equip./ Model	Basket Area (Sq. m.)	Capacity (tpd)**	Installed Power (Kw/rpm)
VSL - 04	0.4	15 - 50	22/1450
VSL - 05	0.8	30 - 60	22 - 37/1450
VSL - 07	1.1	40 - 80	22 - 45/1450
VSL - 66	1.4	70 - 100	37 - 45/1450
VSL - 08	2.0	60 - 120	45 - 55/1450
VSL - 09	2.5	90 - 180	75 - 100/1450
VSL - 10	3.1	100 - 250	75 - 110/1450
VSL - 11	3.7	120 - 270	75 - 110/1450
VSL - 12	4.5	160 - 300	90 - 120/1450
VSL - 14	5.7	180 - 350	110 - 130/1450



Vertical screen designed for fine screening of all kind of stock suspensions at low consistency range of 0.4 – 1.1%.

Provision for both Light and Heavy weight reject removal

The screens are suitable for stock preparation system and also for approach flow system ahead of paper machine. The MULTIVANE AEROFOIL ROTOR design ensures the screen to operate free from pulsation.

- ◆ Low power consumption.
- ◆ Exceptional improvement in screening efficiency.
- ◆ Improve quality of paper.
- ◆ Dependable paper machine operation.
- ◆ Basket-hole or slotted type
- ◆ Excellent manufacturing systems



MULTIVANE AEROFOIL ROTOR

- ◆ Pulsation free rotor design.
- ◆ Suitable for removing dimensionally unstable impurities.
- ◆ Special rotor design avoids string formation.
- ◆ For low consistency hole and slot screening.
- ◆ Computerised dynamically balanced rotor.
- ◆ Manufactured on latest CNC machines with high accuracy.

** Capacity depends on furnish, prescreening of pulp, slot/perforation size other operating parameters.

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

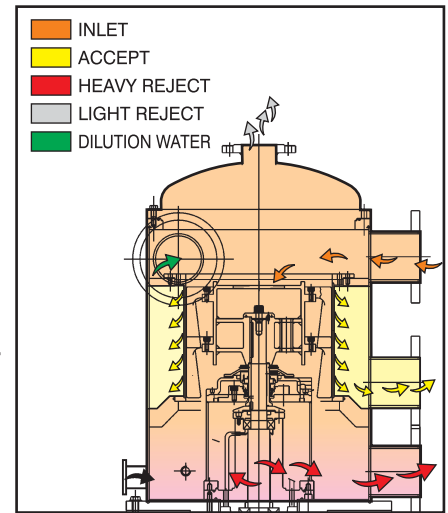
PARASON LOW CONSISTENCY SCREEN

LOW SECONDARY SCREEN WITH WASHING CYCLE CONSISTENCY 0.4 to 1.1%

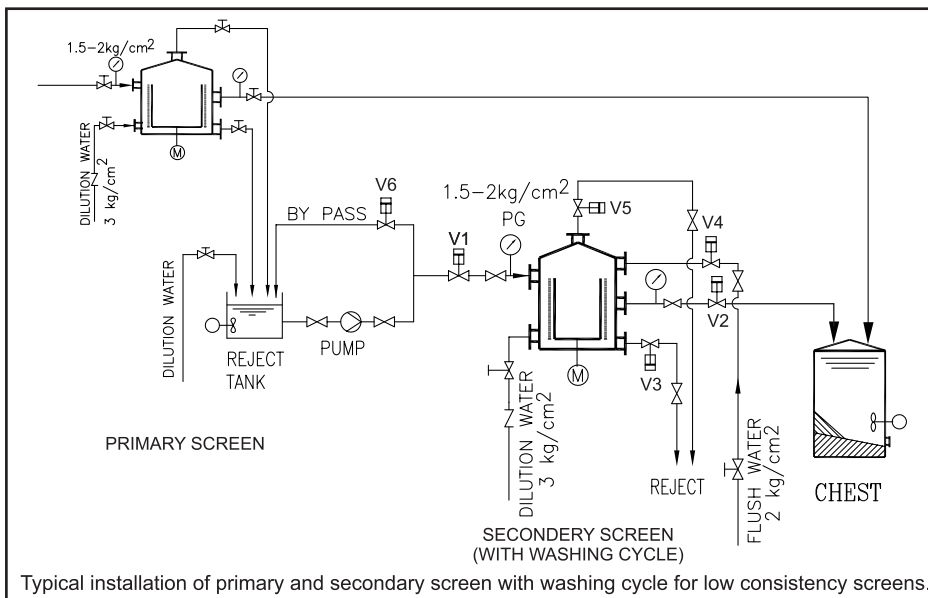
Equip./ Model	Basket Area (Sq. m.)	Capacity (tpd)**	Installed Power (Kw/rpm)
VSLW - 04	0.4	10 - 15	22/1450
VSLW - 05	0.8	15 - 25	22 - 37/1450
VSLW - 07	1.1	20 - 45	22 - 45/1450
VSLW - 66	1.4	35 - 50	37 - 45/1450



- ◆ Exceptional improvement in screening.
- ◆ Improvement in optical properties of paper.
- ◆ Excellent fiber saving/recovery.
- ◆ Suitable for removing dimensionally unstable impurities.
- ◆ Step rotor design.
- ◆ Basket hole or slotted type.
- ◆ No string formations.
- ◆ Gentle screening.
- ◆ Efficient separation of fiber and contaminants with almost zero fiber loss.
- ◆ Programmable Logic controller (PLC) panel
- ◆ Two separate panels for pneumatic and electric operation.



Vertical pressure screen with periodic reject discharge as secondary screen in stock preparation. Provision for both light and heavy weight reject removal
Operating Consistency 0.4 to 1.1%



Electric Panel with PLC

Pneumatic Panel

Natural

FLOW

Flow advantages

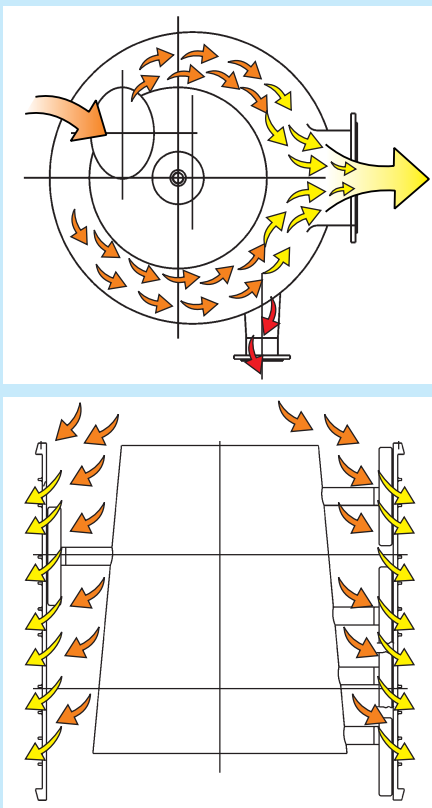
Flow balancing

More flow, More area

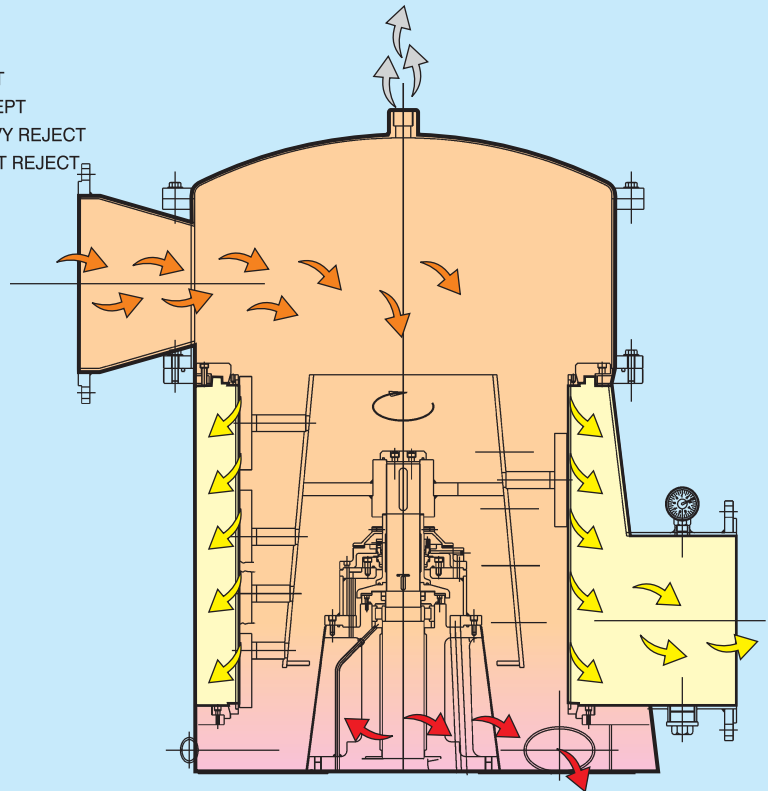
More cleaning

Low Power

Some Important Activities Of Parason **LOW PULSE** Screen



■ INLET
■ ACCEPT
■ HEAVY REJECT
■ LIGHT REJECT



Sectional View Of PARASON LOW PULSE SCREEN

Low Pulse Flow Screen

- ◆ Taper section - Flow advantages
- ◆ Uniform Pressure & Flow across screen basket
- ◆ Vanes are balanced by giving support at center

- ◆ Natural flow balance
- ◆ Expanded towards accepts tends to separate fibers
- ◆ Increases cleaning efficiency
- ◆ less rejects, improves the yield
- ◆ Costly fibers are avoided to drain
- ◆ Gentle action
- ◆ Big volume - PARASON LOW PULSE SCREEN
- ◆ Suitable for Approach Flow Application

PARASON LOW PULSE SCREEN

CONSISTENCY RANGE 0.4-1.1%



*Ideal for
Approach Flow
Application*

Equip./ Model	Basket Area (Sq. m.)	Capacity (tpd)**	Installed Power (Kw/rpm)
VSPL - 07	1.1	40 - 80	22 - 45/1450
VSPL - 08	2.0	60 - 120	55.80/1450
VSPL - 09	2.5	90 - 180	75 - 100/1450
VSPL - 10	3.1	100 - 250	75 - 110/1450
VSPL - 12	4.5	160 - 300	90 - 120/1450
VSPL - 14	5.7	180 - 350	110 - 130/1450

To serve you better and prompt response, the following informations required from you....

◆ Screen model _____	◆ Present basket _____	Screen location :
type _____	Performance _____	Stock preparation <input type="checkbox"/>
make _____	Slot _____	Approach flow <input type="checkbox"/>
◆ Basket size Ø _____	Pitch _____	before head box <input type="checkbox"/>
h - sketch _____	◆ Type of pulp _____	Primary <input type="checkbox"/>
◆ Rotor type _____	_____	Secondary <input type="checkbox"/>
speed rpm _____	◆ End product _____	Inlet Consistency _____
◆ Accept quantity _____	_____	_____
LPM <input type="text"/> TPD <input type="text"/>	_____	_____

We will calculate the suitable hole / slot size to meet your process requirements

PARASON HIFLO® SCREEN BASKETS

HIFLO® HOLE & SLOTTED BASKETS

Hole : 1.2mm onward, Slot : 0.10mm onward,
Size : up to 1500 mm dia



Where the end product characteristics such as brightness, opacity, strength and printability are determined. Hence clean-liness of pulp is essential in terms of stickies, shives and dirt speck contents.

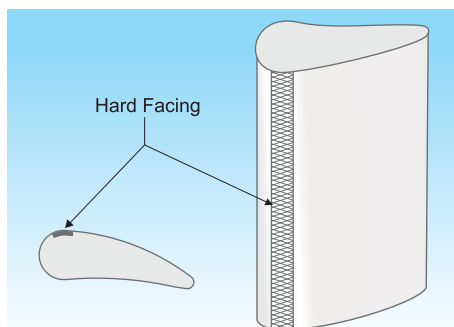
As a manufacturer of stock preparation screening equipment, Parason has developed the advanced technology.

Parason HIFLO® screen baskets are available for fine and coarse screening to meet the challenge of quality product.

- ◆ Large open screening area
- ◆ Highest slot width accuracy
- ◆ No fibre hang ups
- ◆ Low pressure drop
- ◆ Excellent surface quality, free of burs.
- ◆ Electro polished
- ◆ Hard chrome coating

- ◆ Suitable for removing dimensionally unstable impurities.
- ◆ Special rotor design avoids string formation.
- ◆ Gentle screening.
- ◆ Computerised dynamically balanced rotor.

Rotor Vane



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Parason... Leader in stock preparation