

LOW CONSISTENCY PRESSURE SCREEN

Low Consistency Pressure Screen is used for fine screening of pulp in stock preparation or ahead of paper machine at low consistency of 0.5-1.2%. Pressure Screen is 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. Our screens can be used at many places in the process and for each application as per our design i.e. If used prior to the Head Box, it also improves sheet formation by deflocculating the stock.

Operating Principle:

The unscreened stock is tangential fed into the inlet chamber. Specially designed Multi vane aerofoil rotor drives the stock at high speed resulting in excellent screening.



Salient Features:

- Ideal design and motor rating give higher screening efficiency and reduced fibre content in rejects at low specific energy consumption.
- Pulsation free due to specially designed Multivane Aerofoil type rotor design.
- No plugging or string formation.
- Perfectly polished internal surface gives trouble free operation between scheduled wash-ups.
- Suitable for fine screening in stock preparation & approach flow system ahead of paper machine.
- Fitted with Basket (slotted or perforated type).
- Excellent improvement in screening efficiency.
- Low power consumption & high throughput.
- Improvement in paper quality due to good screening.
- The rejects from the chamber can be taken in a Reject Screen.
- Easy installation and Economic in cost.
- Low Maintenance.
- Various models are designed & manufactured as per throughput TPD.

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