

# PARASON TROMMEL SCREEN

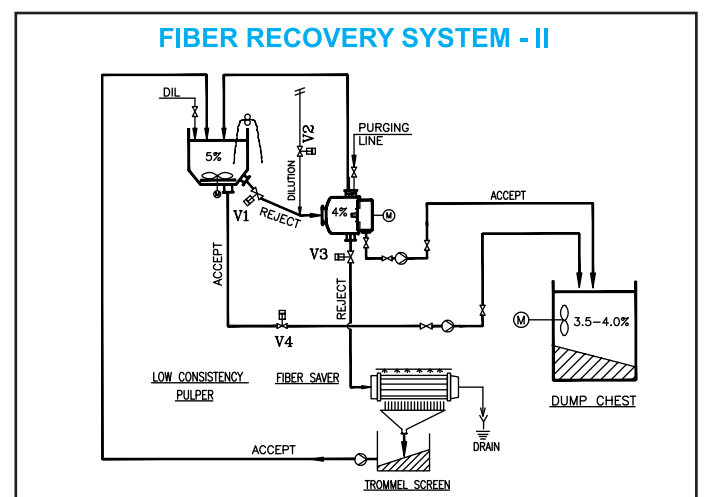
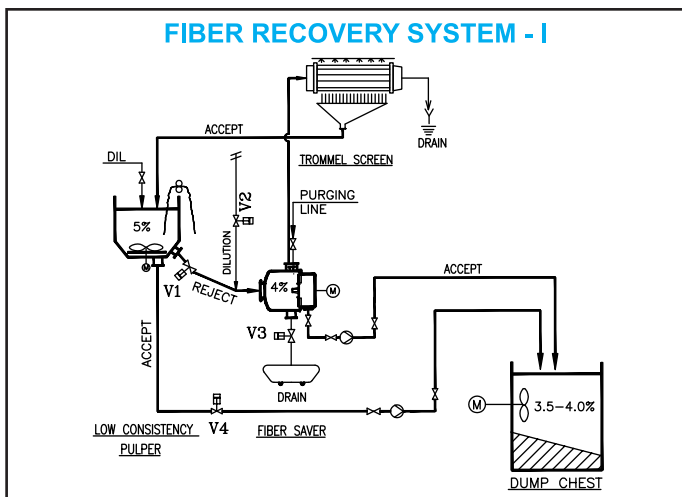
## APPLICATION

For separating fibers and large coarse contaminants from the recycled fiber pulp after the Pulper. Special heavy duty perforated drum allowing the recovery of fibers and rejecting the coarse contaminants, accepts returned to the Pulper. Works as a Secondary Coarse Screen and installed in Pulper reject/accept line depending on type of Pulper & contaminants.

## WORKING PRINCIPLE

The Trommel is an rotating perforated drum. Contaminants and fibers fed into the Trommel screen from one end. To increase fiber recovery, the Trommel is slowly rotated to agitate the stock, water is added through shower provided to aid the fiber/ contaminants separation, large contaminants are rejected from the system as the helical screws welded inside the drum, force them out from order end of the Trommel.

The suitable hole size of the perforated drum is selected to optimize the separation properties and fiber recovery qualities. The accept from the Trommel containing fiber, water and small contaminants collected in the tray by gravity and feed back to the Pulper.



## FEATURES

- ◆ Easy Installation.
- ◆ Perforated drum of SS-304, drive arrangement, inside helical screw, out let chute of SS-304 and Supporting Structure of M.S.
- ◆ Drum is driven through Geared Motor, Pulleys and Belts.
- ◆ C-I drive and driven pulleys properly machined.
- ◆ Shower pipe with hazzles of SS-304.

## TECHNICAL SPECIFICATION

MODEL	HANDLING CAPACITY TDP	OPERATING CONSISTENCY %	GEARED MOTOR RATING kw	DRUM PERFORATION mm
TSR-01	8 - 15	2 - 4	3.7	10 - 12
TSR-02	15 - 25	2 - 4	5.5	10 - 12

\*Due to constant research and development specification are subject to change.



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