Medium Consistency Centricleaner

Working Principal

Parason Medium Consistency Centricleaner operates at consistency range of 1.5 to 2 % against normal cleaner range of 0.6 to 1 % consistency. Centricleaner bottles are arranged in planetary system with inlet header past the centre, distributing pulp stock evenly to all centricleaning bottles at constant pressure. Accept of all centricleaner bottles also collected in planetary manner at the centre. Rejects collect in closed loop in the reject header directly connected to reject pump feeding to Secondary stage cleaner. Deareation system also provided for Approach Flow cleaner to remove air from pulp stock. Bottom cone of Primary bottles provided with Ceramic cone for improved life and for efficient separation of heavy contaminates from pulp stock.

Flexi glass with quick release fitment provided between bottom ceramic cone and reject header for easy cleaning of nozzles. Dilution at middle of cone provided to increase centrifugal action at bottom cone increasing efficiency of cleaners. Secondary stage cleaner provided with in Built Tertiary Stage and Auto flushing system in reject chamber for fiber recovery and efficient disposal of heavy contaminates from the system.

Application

In Pulp Mill

- For all type of Recycled Paper and Virgin Pulp.
- Before Slotted Pressure screen – Increase life of Screen Baskets.
- Before Deinking Cell – Improve Deinking efficiency and Diffuser life.
- Before Disperser/Kneeder – Longer life of wear parts like screw, basket, Dispeser plates.

In Approach Flow (Paper Machine)
- For All grade of Paper production.
- Double dilution system – Reduce Power and space requirement.
- Closed system – Avoid Air entrapment in pulp stock.
- Less number of bottles, pump and No Level Control required – Reduce Paper Machine start up time.