

FLOAT PURGER™ Stock Cleaning System

The Float Purger Stock Cleaning System operates on the primary screen reject flow in the coarse screening loop of any long fiber furnish that is heavily contaminated.

This field proven machine incorporates three basic functions:

1. Concentration of light contaminants.

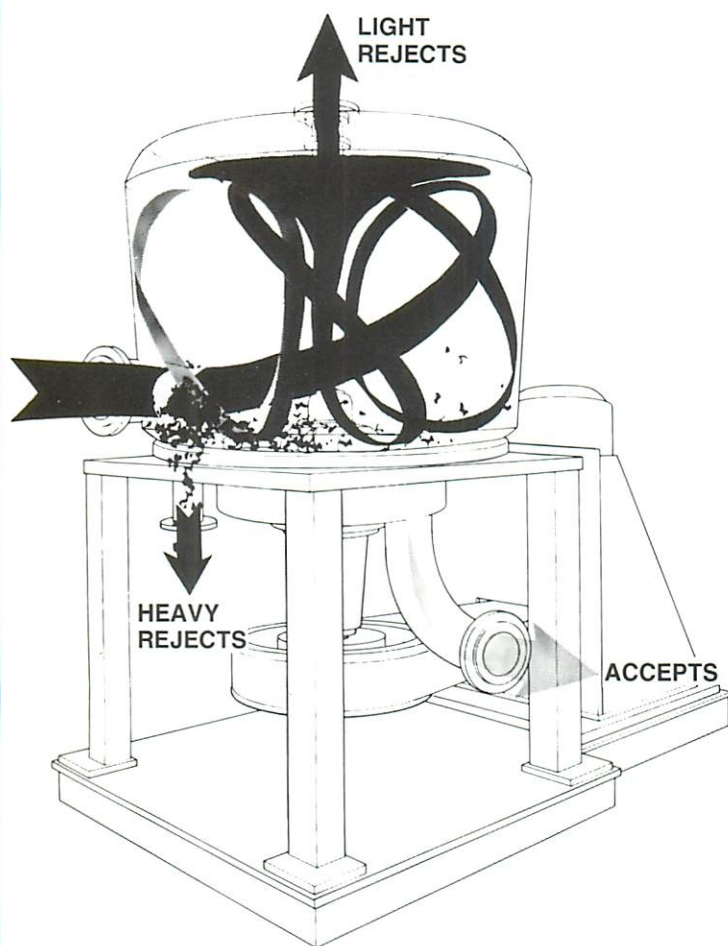
The action of the bottom rotor sets up a strong vortex forcing light contaminants to the center of the air core. The reverse dish at the top of the unit insures that the contaminants are removed at the lowest pressure point, providing high removal efficiency.

2. Defibering of undeflaked stock.

A defibering action occurs between the bottom rotor and the extraction plate. The accepted pulp usually is returned to the pulper tub.

3. Collection and removal of heavy grit.

Centrifugal force pushes heavy contaminants into a tapered reject channel around the periphery of the extraction plate. A two-valve arrangement removes heavy debris periodically.



Guards omitted for clarity.

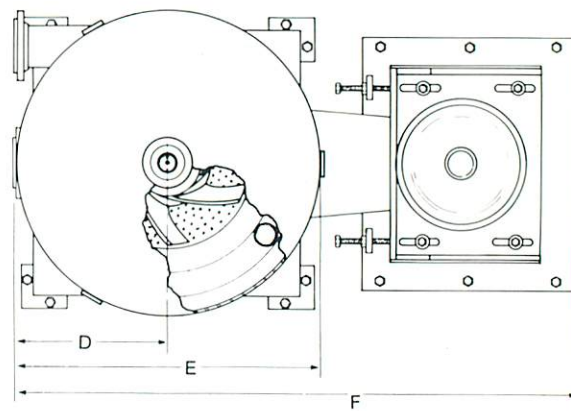
FEATURES

- Energy efficient
- Continuous and reliable operation
- High rejects removal efficiency
- High accepts quality
- Low maintenance
- Reduces contaminant buildup in pulper
- Increases production rate from pulping system
- Reduces pulper downtime
- No special operator attention
- 75 PSI pressure rating (normal inlet pressure 35 PSI)
- Available in 4 model sizes

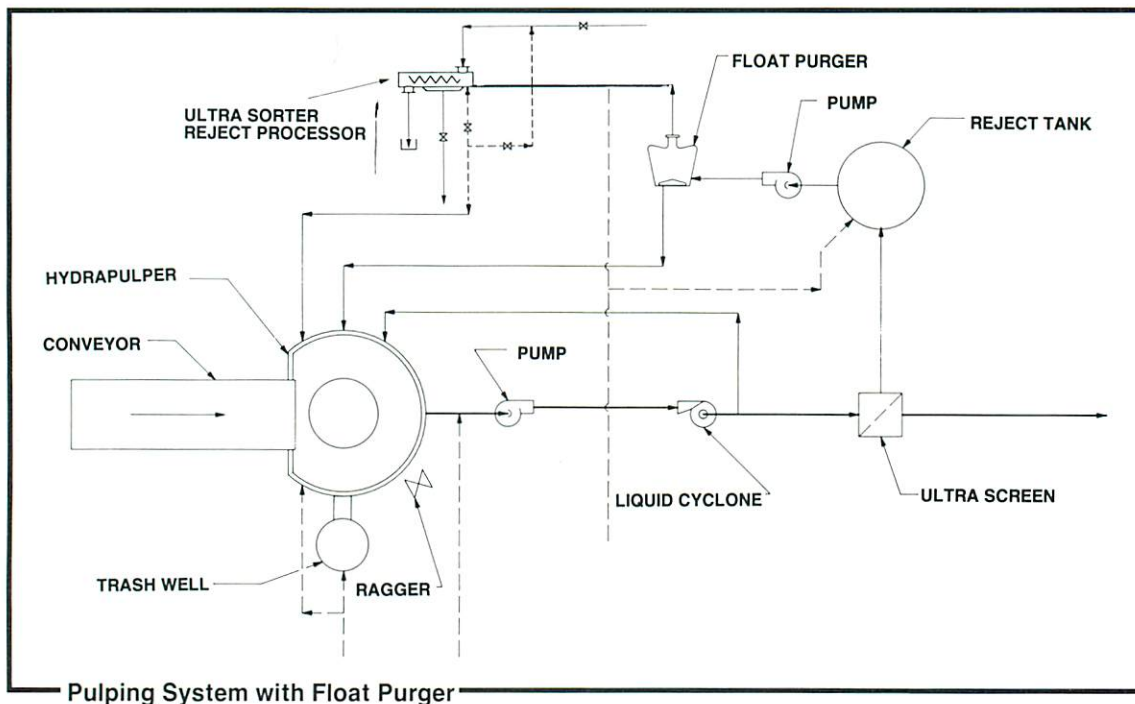


Black Clawson Company

Bulletin No. MB-305-D



| MODEL | A | B | C | D | E | F | ACCEPTS DIAMETER | INLET DIAMETER | LIGHT REJECTS DIAMETER | ACCEPT CAPACITY | NOMINAL MOTOR HP | ROTOR |
|--------|-------|------|------|-----|-----|--------|---------------------|-------------------|------------------------------|--------------------|---------------------|-------|
| 250-43 | 134" | 80" | 33" | 42" | 90" | 152" | 12" | 12" | 6" | 250 T/D | 250 | 43" |
| 150-34 | 99" | 60" | 22¾" | 32" | 66" | 115.5" | 8" | 8" | 4" | 150 T/D | 150 | 34" |
| 75-25 | 73" | 44½" | 15½" | 24" | 48" | 88" | 6" | 6" | 3" | 75 T/D | 75 | 25" |
| 40-18 | 53.3" | 33" | 16¼" | 19" | 36" | 72" | 4" | 4" | 2" | 40 T/D | 40 | 18" |



GENERAL DIMENSIONS — NOT CERTIFIED
FOR CONSTRUCTION OR INSTALLATION



Stock Preparation Systems, Engineering, Sales and Service

Excellence by Design

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