



## HYDRAPURGE DETRASHING SYSTEM

**The Black Clawson detrashing system is comprised of three components:**

**A. Junk Chute Module\***

- Attaches to side of pulper tub
- Establishes reject flow from pulper
- Provides for heavy junk removal
- Provides recirculation back to pulper tub for continuous removal and concentration of light rejects

**B. Hydrapurge™ Model 24-950 Detrasher**

- 24" diameter PowrSavr™ rotor mounted in end wall defibers flakes of furnish in the reject stream
- Rotor operates at low speed with a 60 HP connected motor to provide defibering but little contaminant degradation
- Head, developed by the rotor, pumps reject flow to Selectpurge tailing drum

**C. Selectpurge™ Model 4500 and 3000 Screening Drum**

- Perforated (0.5" diameter holes) rotating drum, operates at 26 rpm with 5 HP motor
- Fiber passes through holes and is returned by gravity to pulper tub
- Rejects continue down the drum and are removed from the system

Because of the increasing amount of contaminants in the furnish, the major problems confronting most waste paper operations today are decreased pulper throughput and excessive downtime for pulper cleanout.

The Black Clawson Hydrapurge detrashing system provides a proven, reliable means of continuously removing contaminants from the pulper tub, before they are broken down small enough to pass through the extraction plate holes.

Hydrapurge detrashing systems in operation have maintained sweet pulpers, allowing them to operate continuously without shutdown for cleanout.

### FEATURES

- Keeps pulper sweet—decreasing or eliminating downtime for cleanout
- Removes plastic contaminants in large pieces, with little degradation
- Largest volume of contaminants, lightweight plastics, is removed at the operating floor level
- Increased pulper throughput
- Tramp metal protected
- Simple operation—minimum controls required
- Can be retrofitted to most existing waste paper pulping systems
- Eases burden on downstream equipment by removing contaminants directly from the pulper tub

\*Alternately, existing junk removing equipment can be modified for use in this detrashing system.



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