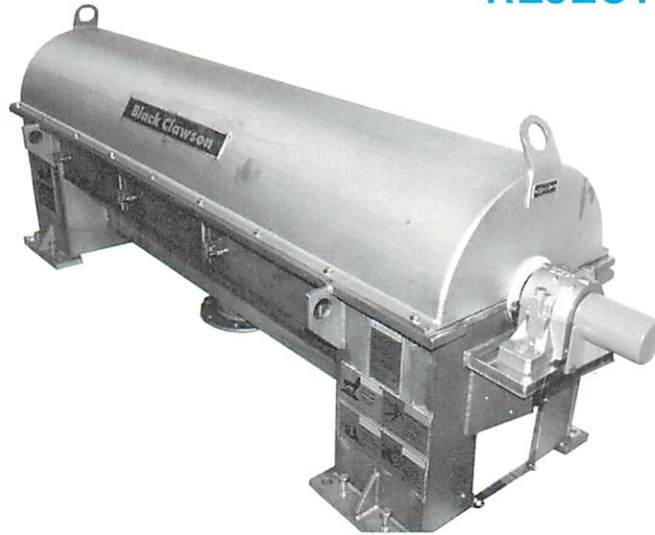


Black Clawson

UltraSorter™ REJECT PROCESSOR



INTRODUCTION

The UltraSorter Reject Processor is a non-vibrating, low attrition, totally enclosed tailing screen that removes debris normally found in the coarse screening loop. It is also well suited for processing rejects from a Black Clawson Float Purger™ Stock Cleaning System. The UltraSorter can be installed in secondary fiber, paper machine approach flow, and pulp mill screening systems.

FEATURES/BENEFITS

- Rejects virtually fiber-free with less retained water, reducing handling and disposal costs
- Low attrition rotor maintains debris integrity – achieves maximum separation efficiency
- Reduced horsepower lowers operating costs
- Baffled hood regulates flow for smooth operation
- Side feed – saves time and cost by eliminating the need to remove piping to clean or clear screen
- Easily removable top provides access to rotor or screen plate, reducing maintenance costs
- Access doors on side allow accept quality to be checked while machine is operating
- All 316L stainless construction – improves durability, reduces maintenance costs
- Ability to drive from either end assures installation flexibility
- Symmetrical screen basket increases wear life

APPLICATIONS

- Paper machine approach flow systems
- Secondary fiber screening systems
- Pulp mill screening systems
- Anywhere a vibrating screen can be used

OPERATION

The UltraSorter consists of a fabricated body assembly containing the screen plate, rotor, internal baffles, shower connections and flanged inlet and accept ports. The symmetrical half-cylinder shaped screen plate is mounted in a housing trough with cylindrical rotor and volute housing above it. The pulp slurry, with concentrated rejects, enters the screen through the side inlet nozzle. Showers in the screen plate wash fiber from the debris in the screening zone. The rotor clears and transports the debris along the length of the screen plate toward the reject end. Recovered fiber is accepted from the screen and can be fed forward in the system.

The concentrated rejects are carried along the surface of the screen plate and removed through a chute at the end opposite the inlet. The interaction of the multi-pitch rotor, screen plate and internal baffling produce virtually fiber-free rejects that are suitable for transportation and disposal.

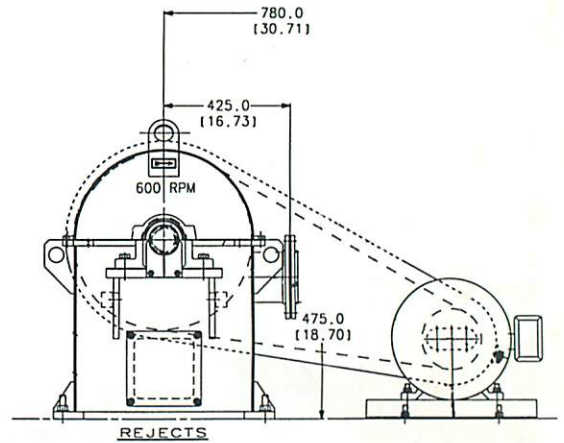
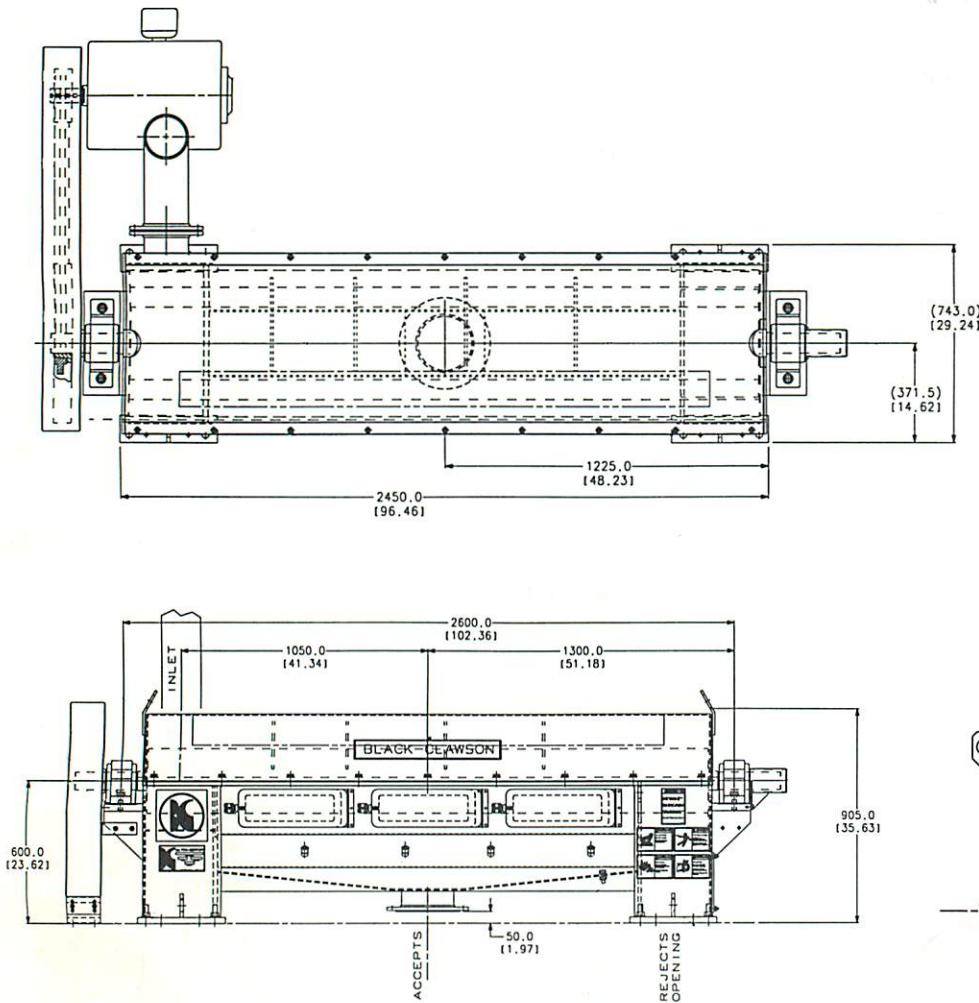


Black Clawson Company

Bulletin No. MB-344-B

UltraSorter Reject Processor

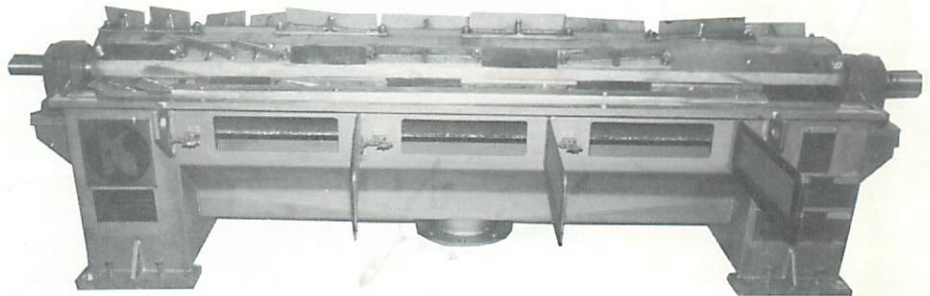
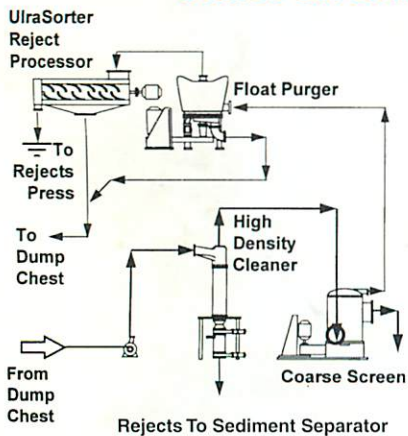
Operating Weight	3450 lb 1565 kg
Shipping Weight	3000 lb 1360 kg



GUARDS REMOVED FOR CLARITY

GENERAL DIMENSIONS - NOT CERTIFIED FOR CONSTRUCTION OR INSTALLATION

Coarse Screening Loop



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