



# FIBER EXTRACTING SYSTEM

Extracts Good Fiber from Paper Making Process Streams

*Derrick Corporation provides the pulp and paper industry a low cost system for extracting long, clean fiber from process water while rejecting short fiber and mineral solids. Up to 90 percent of good fiber currently discharged can be recovered with a Derrick Fiber Extractor fitted with Derrick's patented non-blinding urethane screen surfaces.*

*(See schematic on reverse side)*



Long, clean fiber from the Fiber Extracting System

## Benefits:

- Conserve fiber resources
- Reduce water and heat costs
- Low operating and maintenance costs
- Reduce water treatment costs
- Low power requirements
- Small footprint
- Quick payback

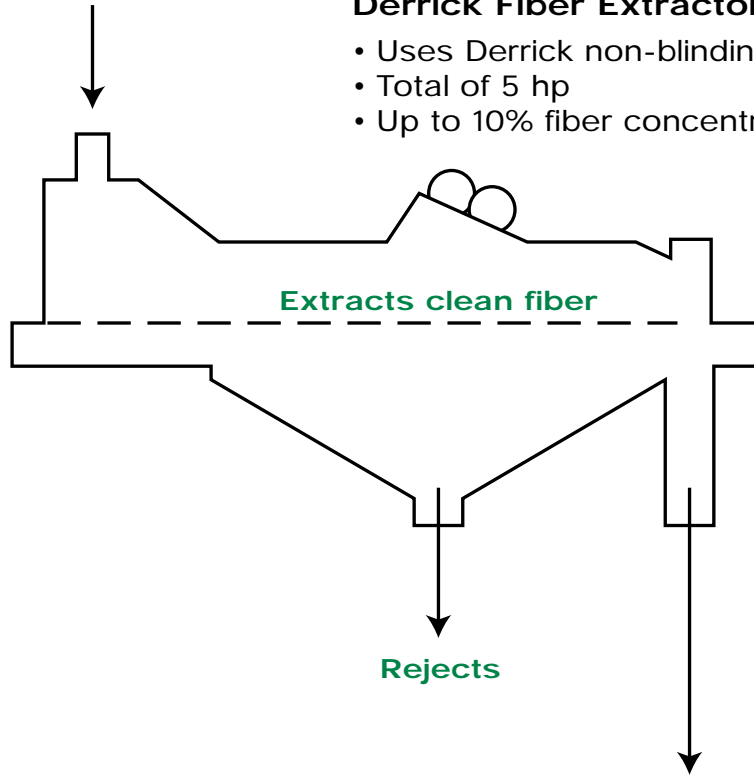


Derrick Fiber Extractor with optional washer

Fine Solids Separations Since 1951

# Extracting Long Fiber from Paper Making Process Streams

Dilute fiber stream



## Derrick Fiber Extractor

- Uses Derrick non-blinding urethane surfaces
- Total of 5 hp
- Up to 10% fiber concentration

Extracts clean fiber

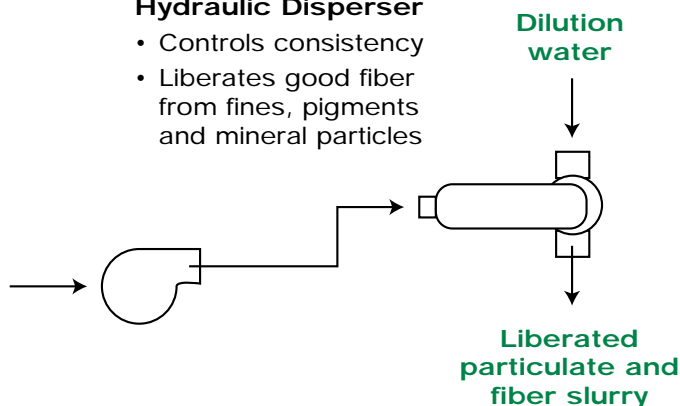
Rejects

Long, clean fiber

## Optional Feed System

### Hydraulic Disperser

- Controls consistency
- Liberates good fiber from fines, pigments and mineral particles



Dilution water

Liberated particulate and fiber slurry



Micro photograph of cleaned fiber



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