

# Superior Engineering Superior Performance

**BIOMASS**  
engineering &  
equipment



## LOG HANDLING

Biomass Engineering & Equipment offers premium decks, troughs, and sorting lines for both hardwood and softwood applications. Our systems are designed to reduce costs associated with maintenance and operation.

SMART  
**DESIGNS**

INTELLIGENT  
**SORTING**

MANIFOLD  
**OPTIONS**

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# LOG HANDLING

**SMART  
DESIGNS**

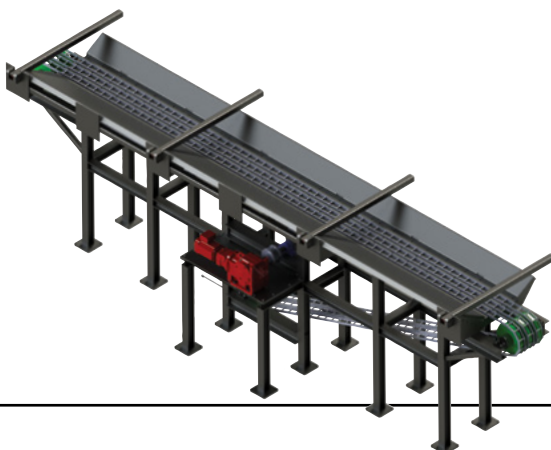
**INTELLIGENT  
SORTING**

**MANIFOLD  
OPTIONS**

**01**

## SMART DESIGNS DECKS AND TROUGHS

- Easy-to-access bearings
- Modular, bolt-together sections
- Slots included for viewing tension
- Strands can be changed in less than an hour
- Individually driven strands reduce power requirements and decrease the size of shafts, bearings, and gearboxes
- Built to withstand years of abuse



**02**

## INTELLIGENT SORTING

- 20' infeed deck with three or four strands
- Singulation with bull wheels (hardwood)
- Crosswise sorting (softwood)
- Three 10' bays (six sorts) for hardwood
- Ten 12' bays (ten sorts) for softwood
- Automatic length and diameter scanning (softwood)
- Waste conveyor under structure
- Walkways, stairs, and controls
- Three logs per minute sort rate for hardwood
- Eighteen logs per minute sort rate for softwood

**03**

## MANIFOLD OPTIONS

- Automated grading
- Manual to fully automatic controls
- Metal detection with reject bin
- Hourglass conveyors
- Debarkers (rotary or rosserhead)
- Log conveyors (trough or hourglass)

