



INNOVATE. CREATE. **ADVANCE.**

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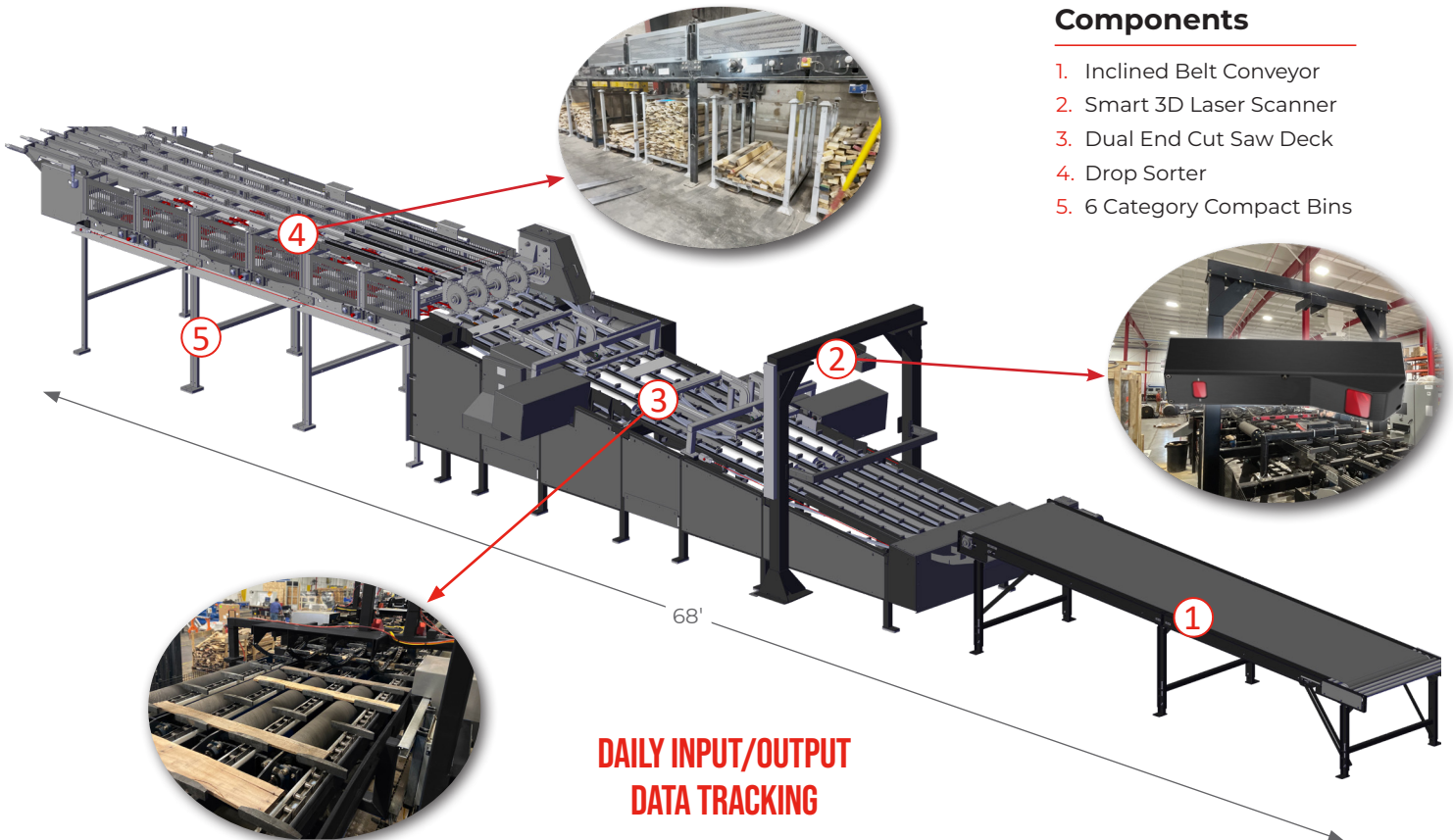
SCAN. OPTIMIZE. TRIM. SORT.

15,000 - 20,000 **BOARDS PER SHIFT**

- ▶ Over 10% increase in yield gain
- ▶ Small footprint, more volume, competitive price
- ▶ Largest installation and service teams in the industry

Components

1. Inclined Belt Conveyor
2. Smart 3D Laser Scanner
3. Dual End Cut Saw Deck
4. Drop Sorter
5. 6 Category Compact Bins



**DAILY INPUT/OUTPUT
DATA TRACKING**

CONTACT US TO LEARN MORE

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info@allianceautomation.com

- ▶ High Value
- ▶ Low Cost
- ▶ Fast Delivery
- ▶ Compact Design

- ▶ Easy Maintenance
- ▶ Dedicated Service
- ▶ 1-Year Warranty
- ▶ Financing Available

Pallet Boards and Stringers

▶ Board Dimensions Trimming & Sorting

- Width 1.5" to 6"
- Thickness 3/8" to 2"
- Length 28" to 52"
 - 20" length cut available

▶ Stringer Dimensions

- Width (Height) 1" to 4"
- Length 28" min to 52" max
- Thickness 1" to 2"

Additional Specifications

▶ Sorting Capabilities

- Drop style sorter
 - Minimum of 4 sort categories
 - Maximum of 12 sort categories
 - Sortation of boards and stringers (2-way or 4-way) in the same run
- End of line reject location
- Quantity counts (Total of job, bin total, shift total)

▶ Vision System

- Precision 3D laser image data acquisition
- Configurable tolerances and detection is standard
 - Corner missing
 - Middle missing

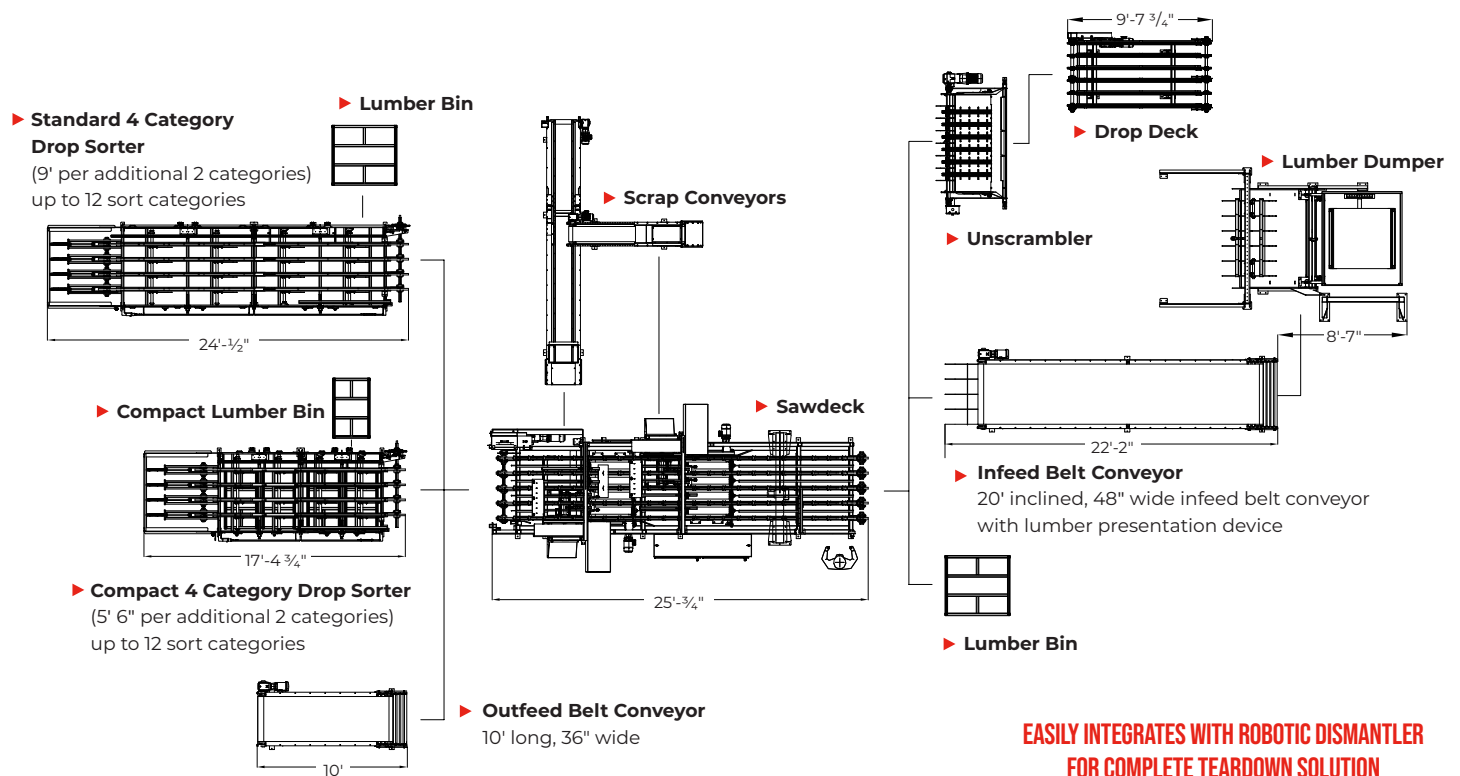
▶ Optimization Software

- Integrated computer and PLC data acquisition
- Computer based optimizing software with bi-lingual full interface
- Pre-set dimension management/recipe prioritization management (length/width/thickness combination)
- Bin selection with max count function

▶ Features

- (2) 10 hp saws
- Dust collection ports provided
- Variable speed
- Operator foot-pedal controller infeed conveyor
- Production and inventory reporting
- 4" fence travel per side (8" total)
 - 10" optional travel per side (20" total)

Options



EASILY INTEGRATES WITH ROBOTIC DISMANTLER FOR COMPLETE TEARDOWN SOLUTION