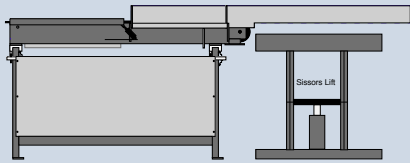


Smart Stack Jr.:



Dimensions:

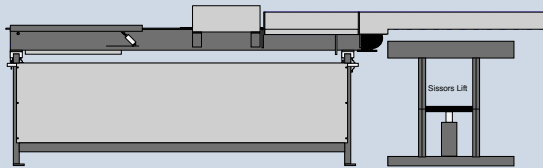
Overall Height: 54" (1372 mm)
Overall Width: 72-1/2" (1842 mm)
Overall Length: 135" (3429 mm)

Stacks Fixed width material.
Tallies throughput.

Applications:

Off loading from:
Chop Saw sort line
Double End Tenoners
Sorting Stations
Panel Saws

Smart Stack:



Dimensions:

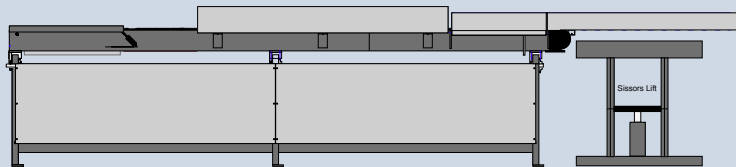
Overall Height: 54" (1372 mm)
Overall Width: 72-1/2" (1842 mm)
Overall Length: 179" (4547 mm)

Stacks Random width material.
Stacks Fixed width material.
Board order shuffled automatically to produce even stack.
Tallies throughput.

Applications:

Panel Stacking from Gluing Operations
Off loading from:
Chop Saw sort line
Straight Line Rip Saws
Double End Tenoners
Sorting Stations

Smart Stack Sizer:



Dimensions:

Overall Height: 54" (1372 mm)
Overall Width: 72-1/2" (1842 mm)
Overall Length: 242" (6147 mm)

Sizes Panels for gluing within 1/8" of desired size.
Stacks Random width material.
Stacks Fixed width material.
Board order shuffled automatically to produce even stack.
Tallies throughput.

Applications:

Assembling panels for gluing operations
Off loading from:
Chop Saw sort line
Straight Line Rip Saws
Sorting Stations

Options:

For Longer Stock up to 98" (2.4 M)
Skirt for Scissors Lift
Computer Network Package. Includes: Mac Unix based computer, enclosure, Ethernet switch and cables
Ink jet Printer for production reports
Label Printer Package for printing custom stack labels with barcodes. Includes: Industrial thermal transfer label printer, Ethernet adapter, ribbons and labels for one month of production

Specifications for all Smart Stack Systems:

Minimum Material Length: 10" (254 mm)
Maximum Material Length: 66" (1676 mm)
Minimum Material Width: 3/4" (19 mm)
Maximum Material Width: 6" (152 mm)
Maximum Material Thickness: 8/4" (51 mm)
Maximum Stacking Depth: 42" (1066 mm)
Scans 40 pieces per minute

Rev. 6/03

Cameron AUTOMATION

SMART STACK: MATERIAL TALLYING BOARD STACKING SYSTEM



Smarter Machines for Higher Yield with Less Labor

100 Parker Avenue ■ Poughkeepsie, NY 12601 ■ Tel: 845.452.0691 ■ Fax: 845.452.6910

The Smart Stack

The Smart Stack is available in three models; Smart Stack, Smart Stack Jr., and Smart Stack Sizer. They all reduce labor by stacking random or fixed width material neatly into stacks of product. Smart Stacks can be fed manually or automatically. Software can monitor single or multiple Smart Stack machines, automatically tally square feet and board feet, and provide identifying product labels. Smart Stacks are perfect for many plant operations such as tailing a Double End Tenoner, a Wide Belt Sander, Automated Chop Line, or even a Straight Line Rip saw. The Smart Stack Sizer will size panels for gluing operations within 1/8" of the desired size, eliminating the need for manual panel size selection while gaining higher yields from random width stock. Smart Stacks will eliminate the arduous job of stacking and tallying material in a rough mill operation.

Advantages:

- Stacks twice as fast
- Reduces Fatigue
- Eliminates Repetitive Motion
- Produces neat even stack
- Tallies Material Automatically
- Fast and Reliable

Applications:

Sizing Panels for Gluing*
Off loading from:

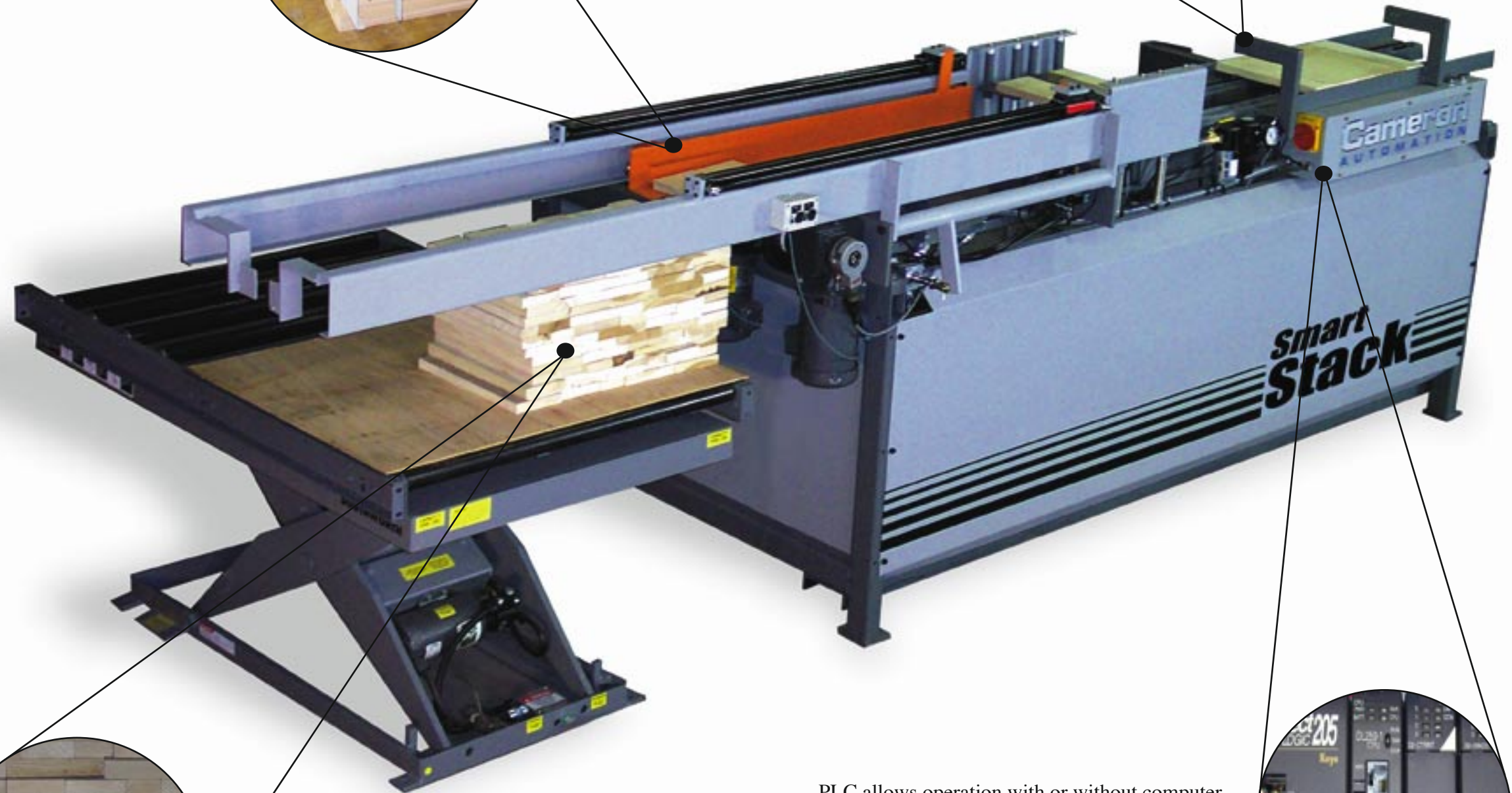
- Automated Chop Line
- Straight Line Rip saws
- Double End Tennenors
- Sanding Operations
- Sorting Stations

* Smart Stack Sizer only.

Automatic stacking of material.
Stacks faster than an operator.
Reduces fatigue.
Eliminates bending down.



Scans 40 pieces per minute.
Reads the width of each board.
Tallies all material.



Board order shuffled automatically to produce even stack.
Self leveling scissors lift.
Print labels for each stack.
Know the amount of work in process.

PLC allows operation with or without computer.
Networks with other Smart Stack systems.
Get Production Reports on the fly.

