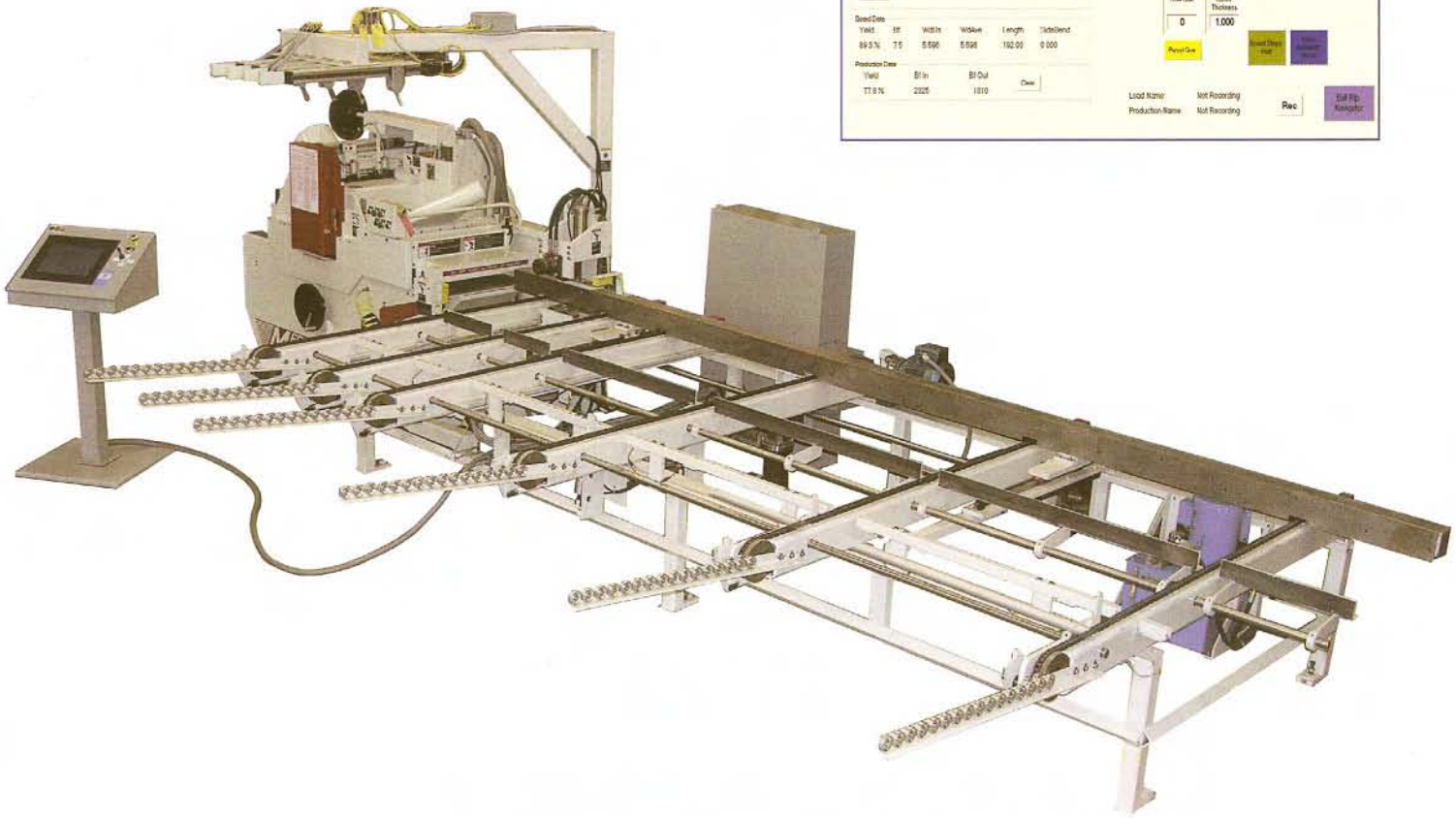




MEREEN-JOHNSON MACHINE CO.

Rip Navigator "Scout" Rip Optimizing System



Rip Navigator by Mereen-Johnson Machine Company

Mereen-Johnson
Rip Navigator

Active Cut List: Red Oak 4/4

| Part Name | Width | Units | Req Units | Cut Units | Actual | Reqt/Act |
|-----------|-----------|-------|-----------|-----------|--------|----------|
| 0 250 | 2 250 Pcs | 500 | 500 | 500 | 0 | 0 |
| 0 100 | 2 100 Pcs | 500 | 500 | 500 | 0 | 0 |
| 0 75 | 2 750 Pcs | 500 | 500 | 500 | 0 | 0 |
| 0 500 | 2 500 Bl | 0 | 0 | 0 | 0 | 0 |
| 0 200 | 2 000 Bl | 0 | 0 | 0 | 0 | 0 |

Round Position
 Saw Edge
 Layout Production Status
 Crown Lead/Down
 Popping
 Stuck/Free

Head Piece Position
 Piece Out
 Round to Lead/Stand
 Round Thickness
 Round Lead/Down
 Round Thickness
 Round Lead/Down
 Round Thickness

Load Name
 Production Name
 Not Recording
 Not Recording
 Pac
 Full Rip Navigator

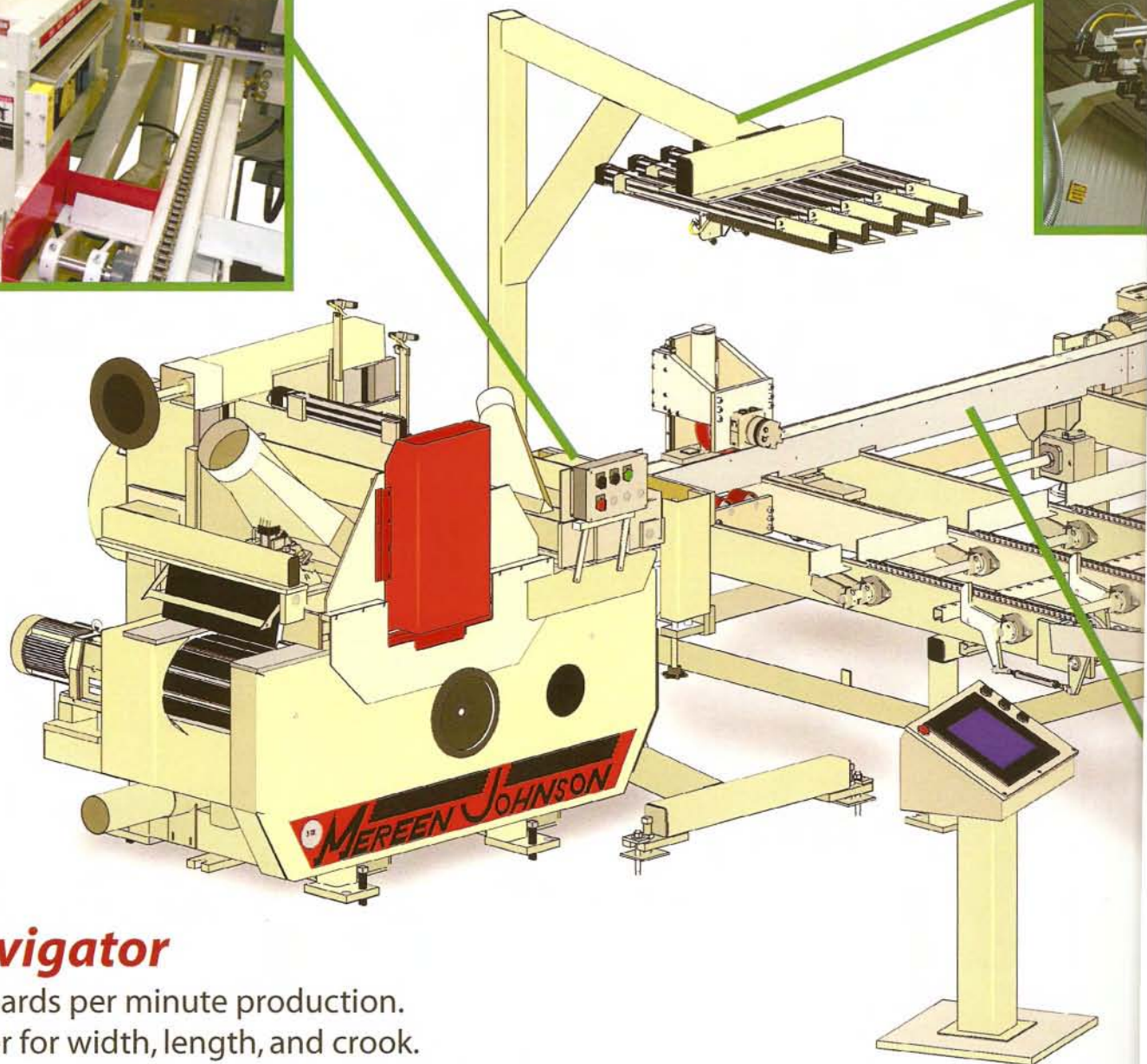
Setting the Standard

Big shop flexibility and performance in a compact, affordably priced package

(Productivity+Optimum utilization of raw materials+P

Mereen-Johnson Power Tables feature dual rolls with pressure compensated drive and timing features for accurate feeding and minimal saw feed bed wear

Operator int
controlled la
controls allo
generated s



Rip Navigator

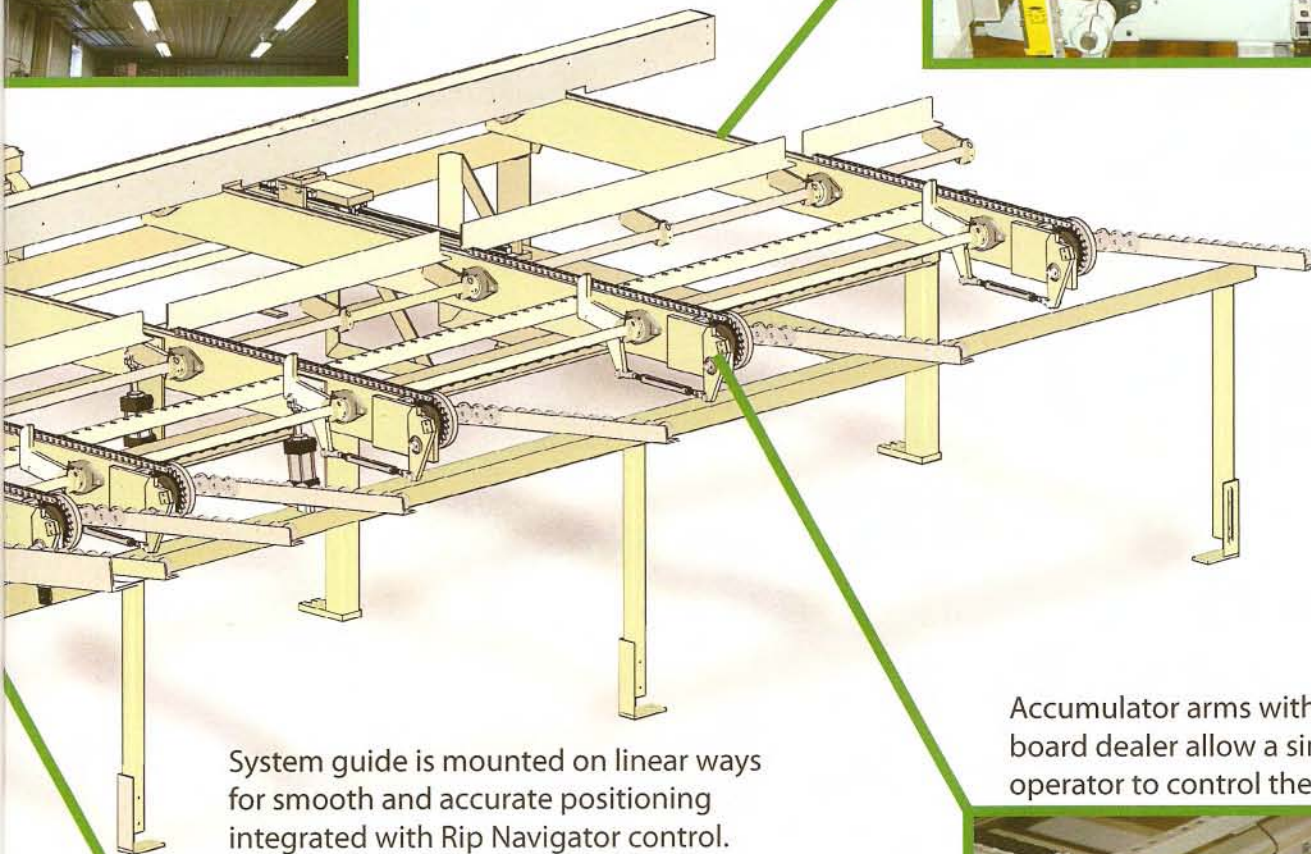
- Up to 15 boards per minute production.
- Scan lumber for width, length, and crook.
- Ships fully assembled for fast and easy set-up.
- Random width part capability on Select Rip Saws.
- Integrates with most Mereen-Johnson fixed blade and selective rip saws.
- Real time recording can turn off rips when production requirements are met.
- Programmable cut bill will only rip strips that meet your length and cross cut requirements.

Proper inventory)-(Waste+Rework+Down time)= Profit

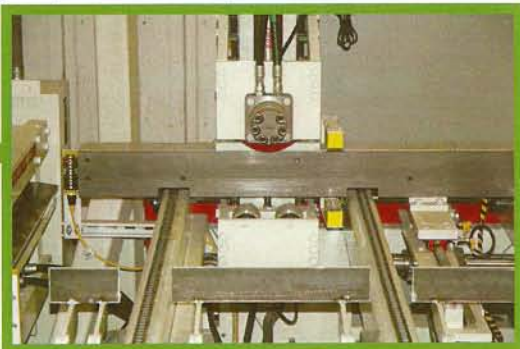
Intervention station with servo
motors integrated to Rip Navigator
allow operator to see the computer
resolution and edit, if required



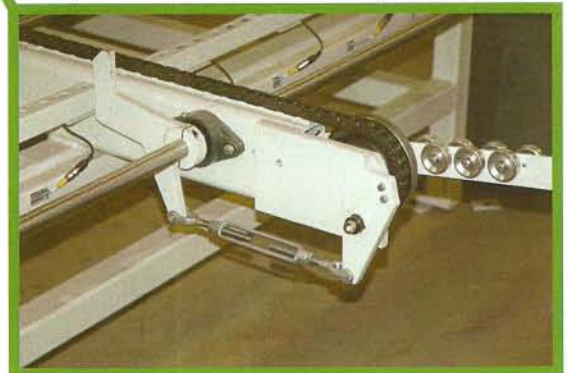
Robust steel tube and plate construction
maximizes performance, increases longevity
and reduces maintenance requirements



System guide is mounted on linear ways
for smooth and accurate positioning
integrated with Rip Navigator control.
Integral upper and lower rolls both
jump for accuracy and reduced wear



Accumulator arms with integrated
board dealer allow a single
operator to control the system



Manage the many factors that influence your bottom line

Imagine having the RIGHT parts WHEN you need them! Getting good yield won't mean much unless your producing the parts you need from your raw materials. Rip Navigator provides production flexibility with three modes of operation: Yield mode to maximize fiber recovery, value mode that allows you to quantify a dollar value for needed components, and manual mode for times when inventory is more important than yield recovery.

Rip Navigator by Mereen-Johnson Machine Company

Active Cut List: Red Oak 4/4 | Current Mode: Yield

| Part Name | Width | Units | Req Units | Cut Units | Action | RefNum |
|-----------|----------|-------|-----------|-----------|---------|--------|
| 5.25 | 5.250 Bf | 500 | 0.0 | 0.0 | Enabled | 0 |
| 3.250 | 3.250 Bf | 500 | 0.0 | 0.0 | Enabled | 0 |
| 3.125 | 3.125 Bf | 0 | 0.0 | 0.0 | Enabled | 0 |
| 3.00 | 3.000 Bf | 500 | 0.0 | 0.0 | Enabled | 0 |
| 2.75 | 2.750 Bf | 500 | 0.0 | 0.0 | Enabled | 0 |
| 2.375 | 2.375 Bf | 2000 | 0.0 | 0.0 | Enabled | 0 |

Manual Solution Control:

- Inboard Saw Pocket: 5.250, 3.375
- Outboard Saw Pocket: 3.250, 2.375
- Storing Fence Pocket: 3.250, 3.125, 3.000, 2.750

Board Date:

| Yield | Bf In | WdAve | Length | SideBend |
|--------|-------|-------|--------|----------|
| 83.4 % | 7.8 | 5.847 | 5.847 | 192.00 |

Production Date:

| Yield | Bf In | Bf Out |
|-------|-------|--------|
| 76. % | 1933 | 1469 |

Width Tally:

| Width | Qty | Wd Dist |
|-------|-----|---------|
| 0.00 | 0 | |
| 0.25 | 0 | |
| 0.50 | 0 | |
| 0.75 | 0 | |
| 1.00 | 0 | |
| 1.25 | 0 | |
| 1.50 | 0 | |
| 1.75 | 0 | |
| 2.00 | 2 | 2.01.2 |
| 2.25 | 0 | |
| 2.50 | 0 | |
| 2.75 | 1 | 3.00.3 |
| 3.00 | 2 | 2.401.0 |
| 3.25 | 1 | 3.00.2 |
| 3.50 | 4 | 3.02.9 |
| 3.75 | 6 | 3.04.4 |
| 4.00 | 25 | 3.12.9 |
| 4.25 | 7 | 3.04.0 |
| 4.50 | 25 | 3.13.5 |
| 4.75 | 9 | 3.07.1 |
| 5.00 | 10 | 3.06.1 |
| 5.25 | 22 | 3.12.8 |
| 5.50 | 18 | 3.09.3 |
| 5.75 | 1 | 3.00.3 |
| 6.00 | 2 | 3.01.0 |
| 6.25 | 2 | 3.01.0 |
| 6.50 | 0 | |
| 6.75 | 0 | |
| 7.00 | 0 | |
| 7.25 | 0 | |
| 7.50 | 1 | 3.00.5 |
| 7.75 | 0 | |
| 8.00 | 0 | |

Length Tally:

| Length | Qty |
|--------|-----|
| 4.0 | 29 |
| 4.5 | 1 |
| 5.0 | 6 |
| 5.5 | 4 |
| 6.0 | 8 |
| 6.5 | 1 |
| 7.0 | 2 |
| 7.5 | 36 |
| 8.0 | 50 |
| 8.5 | 18 |
| 9.0 | 3 |
| 9.5 | 7 |
| 10.0 | 10 |
| 10.5 | 1 |
| 11.0 | 0 |
| 11.5 | 1 |
| 12.0 | 6 |
| 12.5 | 0 |
| 13.0 | 0 |
| 13.5 | 0 |
| 14.0 | 0 |
| 14.5 | 0 |
| 15.0 | 0 |
| 15.5 | 0 |
| 16.0 | 0 |

Optimize your business! Rip Navigator is a powerful tool to track production performance. You control how

reports are compiled choosing variables that are important to your business performance. Track performance by any combination of operator, vendor, species, shift, material thickness, grade, or individual load. Get the system that will streamline your production, enhance operator safety, reduce waste, improve feeding accuracy, minimize rework, and increase your profits!

Setting the Standard - Since 1905

MER-RNVS-3/08



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