Forest Industries 2006 Exhibition
Forestry & Wood Technology Clinic

New Developments in Sawmill Lumber Handling Systems

Presented by Wayne Webber
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Lumber Handling Developments

- Disc Style Lug Loaders with good backlog control improve lug fill efficiency
Lumber Handling Developments

- Trimmer Optimizers are adding new technologies such as vision cameras, to sense biological defects
Lumber Handling Developments

• Positioning system resolution has been improved with Hydraulic and Electric positioners, capable of 1/10” sets

• 12” fence and saw combinations offer very high speeds
  – 160 LPM wide board lines
  – 200 LPM stud lines
Lumber Handling Developments

- New Trimmer designs allow smaller saws which in turn allow tighter lug spaces, and higher speeds
Lumber Handling Developments

• Pusher Sorters are replacing J Bar style sorters in most applications
• Well designed Bins do not require attendants to fix hay stacking
• HMI systems can allow Stacker Operators to perform remaining bin functions
Lumber Handling Developments

- Unscramblers have been improved with radius back design with speed up chains
Lumber Handling Developments

- High Speed Stackers using motion control can be configured as hydraulic or electric (VFD)
- Slant Hopper Stick Systems are automatic and can deliver up to 200 sticks/minute
Thank You!

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