

MoCo Focuses On What's Important

The number one goal at MoCo Engineering & Fabrication is to make our customers more profitable. We accomplish this by increasing mill efficiency and recovery and concentrating on “up time” or “run time.”

It's no secret that stacking lumber by itself is a fairly simple task. However, introducing the automatic placement of kiln sticks to the process makes it much more complex. Furthermore, this complexity is significantly multiplied by the use of poor quality stickers to the process. With the ever rising cost of kiln sticks, mills are focusing more and more attention on sticker use and consumption.

This is where MoCo Engineering & Fabrication is truly becoming the industry leader in manufacturing automated stickering stackers. Here at MoCo, we have not only designed our stackers to increase productivity and product recovery, we also concentrate and pride ourselves on being able to handle a poorer quality stick than anyone else in the industry. Many of our new customers have justified their new MoCo stacker based on stick savings alone.

Not only do we handle the poorest quality stick on the market, we also reduce the risk of stick-related issues caus-



MoCo utilizes a high resolution touch screen HMI to allow for an almost unlimited customization, and the system can be set to perform differently for each product and/or operator.

ing “downtime.” The stick entry on the new MoCo stackers electronically monitors the stick position as it's fed through the system and detects for missing or misplaced sticks prior to a system jam-up. This allows the stacker operator to focus on other issues.

If a stick were to be misfed from the stick feeder mechanism, the stacker would come to a controlled stop, and the panel view would direct the operator to the problem and allow him to correct it without the fear of a costly equipment jam. The stick entry system can be reversed if needed, and sticks can be quickly returned to the operator and automatically re-fed without ever needing to lock out the stacker to clear a problem.

Top Technology

MoCo Engineering and Fabrication is very proactive about utilizing the latest technology to optimize the stacking process. MoCo's stacking equipment electrical control systems have progressed tremendously the last few years, and the new stackers are designed to cater to each mill's specific needs and requirements.

MoCo has standardized the control systems on Allen-Bradley's Logics platform and utilizes multiple VFDs with EtherNet, DeviceNet or ControlNet communication. This allows for speed adjustments to easily be done from the touch screen at the operators' console. Using

devices such as encoders, VFDs, linear positioning cylinders, remote I/O and a high resolution touch screen HMI, MoCo stacking systems allow for an almost unlimited amount of customization. We are able to set up the stacker to perform differently for each product and/or operator.

MoCo also offers a wide variety of options for its stacking systems, including: precision course gapping, custom stick placement, multiple package sizes, skewing systems, box piling and more.

Contact us for more information about this or any other questions concerning the MoCo product line. Videos and reference lists are available upon request. Additional information about MoCo Engineering & Fabrication can be found in the November 2006 *Timber Processing* article “High Quality Stackup.” Call 509-226-0199; visit mocoeng.com. TP



Mills running new MoCo stackers are able to reuse discarded stickers that their older stackers were unable to use.

Recent Installations



MeadWestvaco, Cottonton, AL
 Columbus Lumber, Brookhaven, MS
 Temple Inland, Pineland, TX
 Curt Bean Lumber Co., Glenwood, AR
 International Paper, Augusta, GA
 JP Price Lumber Co., Monticello, AR
 Hartzell Hardwoods, Piqua, OH
 Miles Lumber, Bogalusa, LA
 Coastal Treated Products, Oxford, PA
 Elliot Sawmilling, Estill, SC
 McShan Lumber, McShan, AL
 Edwards Lumber, Liberty, NC
 Deltic Timber, Ola, AR
 Bearden Lumber, Bearden, AR



MoCo STICKERING STACKER SYSTEMS...

WHERE CUSTOMER SERVICE IS PRIORITY #1

"... the best lumber stacker on the market..."

Randell L. Robinson, General Manager – Rocky Creek Lumber

"It has been almost two years now that we've been running your stacker and I am happy to say that it is, and can do everything that you promised and more. Many days we have stacked 55,000 ft/hr for 11 continuous hours with no problems..."

Micky Scott, President – Collum's Sawmill, LLC

"Your company has met and exceeded all our expectations. We will be happy to show anyone interested in buying your equipment what you have done here..."

Bill C. Howard, CEO – Claude Howard Lumber Company

"Both machines were installed in the summer of 2003, and after eight months of operation, we are absolutely convinced we made the right decision. The stacker is extremely rugged, easy to operate, and the packages it creates look perfect..."

Tom Plaughter, Operations Manager – Allegheny Wood Products

"Thanks for a successful on time/budget project that will pay back very quickly. We set an all time production record for the week – the first week it ran after the conversion..."

David L. Richbourn, Plant Manager – H.W. Culp Lumber Company

"THE STACKER PEOPLE"



boxed piled hardwood with 8 foot sticks on 1 foot centers



automated stick recovery systems



stacked units with MoCo's course gapping



southern yellow pine with 8 foot sticks on 2 foot centers

FEATURING:

- ◆ New patented sticker shuttle system design has greater ability to handle bent or bowed sticks – and unloads sticks back out of the fork pans if needed.
- ◆ Stickering Stacker has a heavier design than other stackers – has fewer wear parts for increased repeatability and unmatched stacking efficiency.
- ◆ Optional course gapping feature allows controlled gaps between each board in each course of lumber, a major aid to drying lumber 4" thick or more.
- ◆ Ideal for hardwood as well as softwood applications.
- ◆ Sticker lengths from 48" to 120"

ASK ABOUT OUR
**NEW HIGH SPEED LINEAR CYLINDER
DRIVEN STACKER SYSTEM**

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SPECIALIZING IN:

- ▶ Stickering Stackers
- ▶ Planer Mill Stackers
- ▶ Automated Stick Recovery Systems
- ▶ Board Unscramblers, Package Chains & Peripheral Equipment

CALL FOR VIDEO!