

# Resaw Systems



“  
*Paw Taw John has user friendly systems and their customer service has been excellent.*



*Greg Wells, Owner –  
Greentree Forest Products, Inc.*

”



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# Carriage Resaw Systems

## Full Featured Electronic Motion Control System

### Features

- Linebar sets  
1 through 16 plus left/right jog
- Four species size tables
- Easy calibration
- Since a PLC is used, customer specified machine control is possible; for example, manual and auto roll sequencing

### Saw Controls

- ServoSensor™ Motion Controllers mounted in linebar hydraulic cylinders

### Resaw Control Hardware

- Operator Panel
- All inputs and outputs within panel are +24VDC
- LED lamps used within the lighted push buttons for longer MBF
- Lighted E-stop and control power buttons

### PLC Touch Screen Features

- Run screen displays status of saw axis, real time position, target position, trouble messages, board selected, and many other features
- Board sizes, operational limits, servo dynamic values, servo limits, etc., are entered through the touch screen display and saved in the PLC battery back-up ram
- Help menus for trouble shooting if necessary are on the touch screen
- Some operational features are displayed on the help screens
- Input/output status is displayed on the I/O screen
- ServoSensor™ status is displayed on screen
- Timer entries for roll sequencing
- The run screen will also show a trouble message if a problem occurs with the system

### System Hardware Features

- Run screen displays status of saw axis, real time position, target position, trouble messages, board selected, and many other features
- Board sizes, operational limits, servo dynamic values, servo limits, etc., are entered through the touch screen display and saved in the PLC battery back-up ram
- Help menus for trouble shooting, if necessary, are on the touch screen
- Some operational features are displayed on the help screens
- Input/output status is displayed on the I/O screen; ServoSensor™ status is displayed on screen
- Timer entries for roll sequencing
- The run screen will also show a trouble message if a problem occurs with the system
- The system control cabinets, operator panel, and j-boxes are pre-wired at the factory
- All cables are labeled and cut pigtailed are left at the terminal blocks of each enclosure
- Rewiring of the enclosures is expedited because the colored wires and pairs are left as they were when tested at the factory
- Each enclosure has an identifying placard on the front of it
- The operator console overlay is reverse engraved, to prevent wear and tear over the years of operation
- An interconnect cable diagram is provided
- An installation/operation manual is included to cover most operational procedures and installation requirements

