

AUTOMATIC GLUING SYSTEM, MODEL AGS100



"May not be exactly as shown"

Stave parts are fed through the glue extrusion head. Width measurement devices and glue detection are available options. The staves are then manually fed laterally one against each other to form a panel load for the clamp carrier. Customer could expect savings on glue consumption as injection glue typically requires less glue than roller type application by 20% to 30%.

When the panel load is completely made, the operator uses a panel loading device to manually moving the load in the clamp carrier.

The AGS100 includes:

- **One (1) Stave Lateral Chain Feeder**
 - Feeder length capacity from 13" to 120"
 - Six (6) chain rails deck, chain model C2060, 5' long
 - Two bottom feed wheels made of steel, powered by electric motor with variable speed
 - Two top pressurized wheels, non-motorized
 - Easy to access thickness adjustment at the front of the feeder
 - Feed chains powered by electric motor with variable speed
 - Pneumatic retractable finger stops hold the next piece to be fed when running in variable width piece production mode
 - OPTION: Pneumatic up/down layup preparation table in front of the operator

- **One (1) Stave Glue Application**
 - Glue extruding head and valves provided by Apquip, adjustable to 4/4" to 8/4" thickness

- **One (1) Load Accumulation Roller Conveyor**
 - Roller Conveyor, 6" wide by 8' long in three sections to allow the fork load to lift the panel
 - Rollers are made of steel, 2" diameter, non-motorized, every 6" center
 - Four (4) accumulation stave supports 36" long with end stop
 - Adjustable lateral fence

- **Power and Control Panel**
 - Includes central power and control panel with Omron CP1H series PLC
 - Includes an operator interface console on pedestal including:
 - Touchscreen HMI Omron
 - Emergency button
 - Push buttons for automatic cycle start/stop and panel reset

AVAILABLE OPTIONS ON REQUEST

- **Glue Detection:** *To activate the "no glue" detection capability*
- **Width measurement devices:** *To allow the capability to add parameters on interface*
- **Stave pneumatic clamp:** *To carry wet staves loads from the fixed supports position to the clamp carrier.*

REQUEST FOR A QUOTE