DOUCET

PANEL LAMINATION MATERIAL HANDLING

System is designed to unstack panels from two different blundles and then sequence them into the adequate queue to feed them into a wide belt sander. Coming out from the sander, the panel flow is divided to apply glue on half of the panels. Then a flipping arms mechanism is re-introducing the non-glued panel over the pre-glued panel to create the laminated assembly before it enters into a press. Following the press, laminated assemblies get paired by group of two and stacked for shipment purposes.



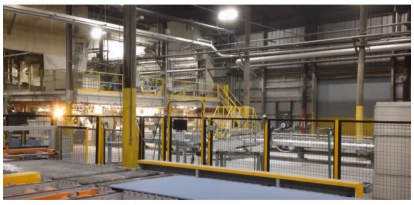
WARRANTY 1 YEAR



PANEL LAMINATION MATERIAL HANDLING



PANEL LAMINATION MATERIAL HANDLING



PANEL LAMINATION MATERIAL HANDLING

CHARACTERISTICS & OPERATION

The system's main functions:

- System is designed to unstack panels from two different bundles before sequencing them into the proper queue of material;
- Incoming alternate panels need to be flipped upside down for processing;
- Coming out from the sander (or conveyor), the panel flow is divided to apply glue on half of the panels before joining two panels together to create the laminated assembly;
- Following the gluing process, assemblies enters a press to activate the contact glue and give final thickness of the laminated assembly;
- Assemblies get paired in group of two, end taped and stacked into a bundle for delivery.

The line features differents equipments like:

- Feeder Convoyer;
- Rotary Arm Inverter ATF180;
- MANYX Destacker;
- Panel Transfer Conveyor;
- Glue Applicator;
- MANYX Stacker.

*This type of lamination line could be operated with or without the sanding operation process.