DOUCET

AUTOMATIC GLUING APPLICATION LINE

This production system is intended mainly for businesses that produce large volumes of panels for various markets on a daily basis, and want to automate processes and eliminate manual operations (production of steps, staircases, coffins, tables, etc.).

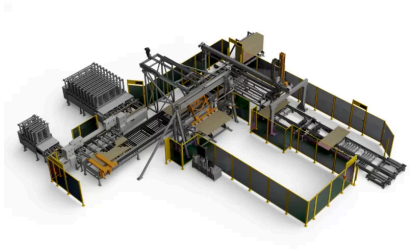




IMPROVED ALYX



STACKING



OVERVIEW OF THE SYSTEM

WARRANTY 1 YEAR

CHARACTERISTICS & OPERATION

To increase efficiency and safely handle large parts without requiring several employees, Doucet offers a combination of the **ALYX — Automated Loader** and the **AGS — Automatic Gluing System**.

This equipment will ensure that your gluing line includes the following:

- **MFE-150 Lateral Chain Feeder:** The MFE-150 receives the slats and guides each piece through the glue application device.
- **Glue Applicator with Measuring System:** The Width Measuring Device calculates the width of the slats moving along it to detect the last slat that will not receive glue, therefore creating a dry joint in the panel. Customer could expect saving on glue consumption as by 20% to 30%.
- **Panel Forming Zone (ALYX):** All slats exiting the glue applicator are guided toward a transfer mechanism that then side-shifts the slats one against the other until the panel has reached its desired width.
- **Panel Accumulation Conveyor (ALYX):** As soon as the first panel is completed, a holder moves the panel to allow assembly of the second panel. The holders move the panels along the conveyor towards the Clamp Carrier.
- **Two-Axis Automatic Loader (ALYX):** The loading arms move between the clamps of the carrier to unload the dry panel on the exit conveyor, and then load the new glued panels into the clamps.

Depending on specific needs, it might be useful to add a **MANYX** at the start of the line as well as a **GANTRYX** at the end.

This equipment will also allow you to achieve a faster, more uniform panel production with a clean, programmable gluing system.

You might also like:

- **ALYX Complete Guide**
- **AGS Complete Guide**

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