

3RD INNOVATION

FLEXISTACK



THE NEW STACKING LINE WITH VACUUM ROBOT FOR GENTLE STACKING

The stacking line with vacuum robot *FLEXISTACK* stacks single boards and square blocks after cutting or drying.

FLEXISTACK is convenient especially for the gentle stacking of non-edged quality timber for automatic slats positioning. But edged products or cants can also be stacked precisely and automatically.

Advantages of the new stacking line with a vacuum robot *FLEXISTACK* are:

1. The stacking line with vacuum robot has an integrated board measurement and recording.
2. Every board is measured automatically by lasers. The length or width reduction is determined and signed.
3. Visual storage of the boards' surface / reverse side together with the stack data set is possible (optional).
4. Boards with different qualities are positioned exactly to the right stack at the right place.
5. Automatic stacking with layer optimisation as well as preselection of layers, board distance and alignment of stack.
6. Stacking slats are automatically positioned. The installation can be adjusted for the use of loss / circulation slats.
7. The finished stacks are transported automatically on a removing roller conveyor. The stack label is issued after the end signal of the PLC.
8. The movement of the robot is highly dynamic and quiet. All stack movements are controlled by frequency converters.

