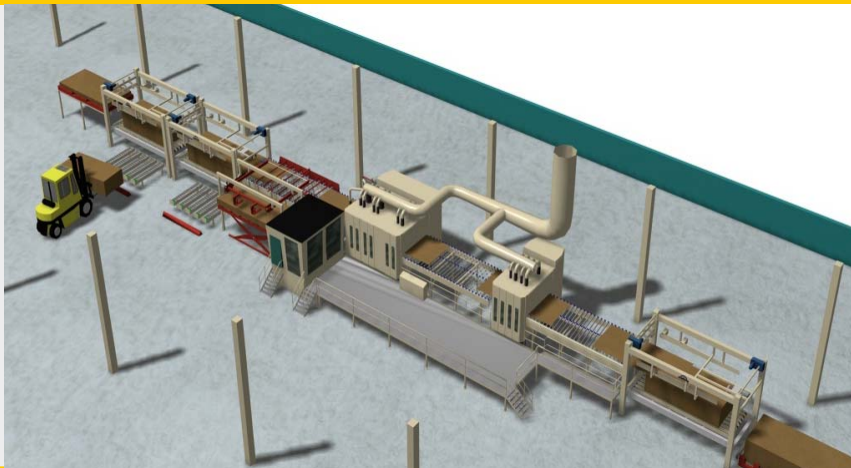


# Sanding line

01 | 2010



**DIEFFENBACHER**

## Sanding line

■ Dieffenbacher supplies complete sanding lines with precise feeding systems that can handle even the thinnest panels. These lines are equipped with the appropriate number of stacking stations depending on production grade.

- Chain conveyors transfer the stacks from raw board storage to feeding station.
- Rubber-top chains protect bottom surface of the stack.
- Feeding station is equipped with electric hoisting system for high speed and less maintenance.



Chain conveyor takes the stacks to feeding station



Feeding pusher feeds the topmost board of the stack. The feeding nails adjust automatically according to panel thickness.

## Sanding line

- To maximize the productivity of the line, feeding and stacking stations can be equipped with accumulator arms to facilitate continuous operation during stack changes. The transfer carriage at the end of the line can transfer stacks to intermediate storage.
  - Aligning conveyor adjusts the stack according to its center axis and conveys it to sanding machine.
  - Aligning fence is positioned automatically according to panel width.
  - The conveyor introduces the panels into sanding machine according to a pre-set speed gap.



Aligning conveyor

## Sanding line

- Grading can be carried out visually by line operator or automatically by a camera-based grading system. The panel can easily be taken out to the inspection station beside the sanding line for closer inspection.
- To avoid unnecessary stacking and storing of the A-graded products, in most cases the cut-to-size sawing line can be directly connected to the sanding line, where the panels are cut to final size directly after sanding.



Camera grading



Inspection table



Stacking station