

“Better work environment - **Higher capacity** - Better quality”



oy foudila ab - **autofeeder brochure**

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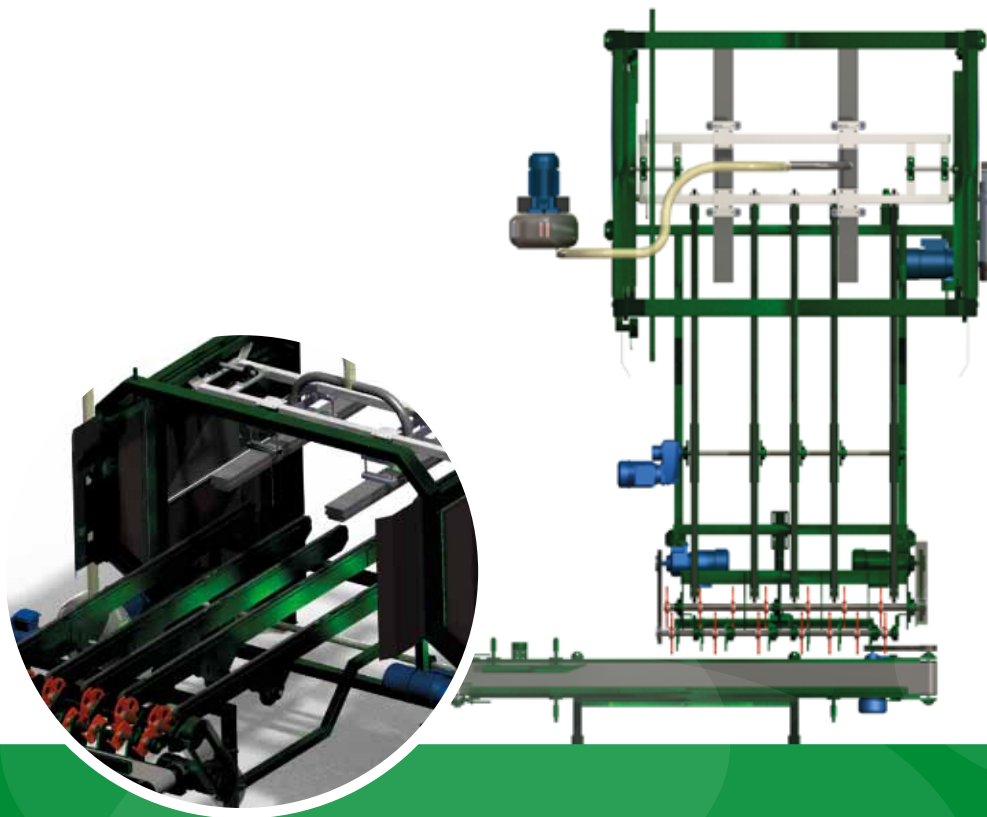
Vacuum Destacker

Description of the workflow:

The package is brought to the destacker by a truck. Roller-chain carrier lowers on to the packet and pressure fasteners take along the topmost layer of boards. The layer of boards are transferred to the conveyor which acts as a buffer and a feed conveyor to the dosing machine. The one-piece feeder serves the boards one-by-one to the boardturner which identifies the surface of the board. Depending on the identified data the board is either turned or left unturned as programmed. The boardturner turns the boards onto the belt conveyor. Pneumatic interceptor hatch at the end of the belt conveyor feeds the boards f.e. to the decking machine.

Capacity:

Autofeeder capacity is 60 pcs/min when boards are 100 mm(4") wide. Sawn timber length can differ between 400 mm(16") and 6000 mm(236").



Automatic boardturner for all pallet assembly lines

Autofeeder

Overview:

Together with the Swedish company I M Machinery AB, we have developed an automatic feeder for nailing lines of wooden pallets. The equipment consists of package lift, lateral conveyers, minielevator, rolling ramp, one-piece feeder and a turning device. Rough edge identification takes place with the help of the laser measurement or with a camera. Platform boards' length may be up from 500 mm.

Consists of the following modules:

- Package lift
- Lateral conveyors
- Minielevator
- Rolling ramp
- One-piece feeder
- Boardturner



Automatic boardturner for all pallet assembly lines

Description of the workflow:

The package is brought to the unloading lift by a truck. The lift unloads the boards to the crosswise conveyor. The boards may at this point be on top on one another. The crosswise conveyor moves the goods to the minielevator. Since the boards may be very short, the culvert solution works as an elevator. This way the boards will not get stuck. After the minielevator, the boards form a mat that moves to the feeder conveyor by a rolling ramp. At this point, the surface- and core sides of the exemplar will be identified. The dosing machine feeds the good onto the turning device one piece at a time. Depending on the identified data the board is either turned around or left unturned so the rough edge faces down. The turning device gives the boards onto the belt conveyor that will pass them to the nailing line, lengthwise from the side.



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