



SYSTEM

HALL

INCREASING EFFICIENCY IN THE WOOD INDUSTRY

SHELL 150

SML150 ENG 1 2019

Small moulder line 150

SML150 is developed for the company that handles smaller batches with customer specific orders, therefore all the equipment is easy tuned from operator panels where you can store your recipes. The line is easy to learn and good for a company that changes operators frequently.

With this line you can choose to go with or without automatic stick dispensers depending on your need. There is also space saved for additional sorting options on the outfeed if needed. The stacker comes in a high standard with even end adjuster and frequency powered motors. The vacuum lift can handle the smaller dimensions and large dimensions with no loss off efficiency, It's also standard with stick removal on the infeed.

The line is designed so that it has minimal wear parts, for example the in-feeding unit only has one pair of infeed rollers but still can handle 150 m per minute. They mechanical functions are kept at a low to keep the flexibility high.

Technical

Small Moulder Line

Pieces per minute: 4,2 m pieces at 35 p/m, Max moulder speed 150 m/min

Length: 1,8 – 6 m

Max width: 245 mm

Min width: Before moulder 70 mm. after moulder 45 mm

Max thickness: 100 mm

Min thickness: 16 mm

Packet size (infeed): 1,2 x 1,2 m

Packet size (outfeed): 1,2 x 1,2 m

Max pack weight: 4000 kg

Color frame: RAL 1015

Color moving parts: RAL 2004



Sideview infeed

100. Buffer transport

Two buffer slots for packs and one slot where the pack gets fed in to the line.

101. Pack tilt

Rises simultaneously as the vacuum lift removes a layer to make the transport of the lifting unit as short as possible.

102. Vacuum lift

Including removal system that handles both truck sticks and small sticks.

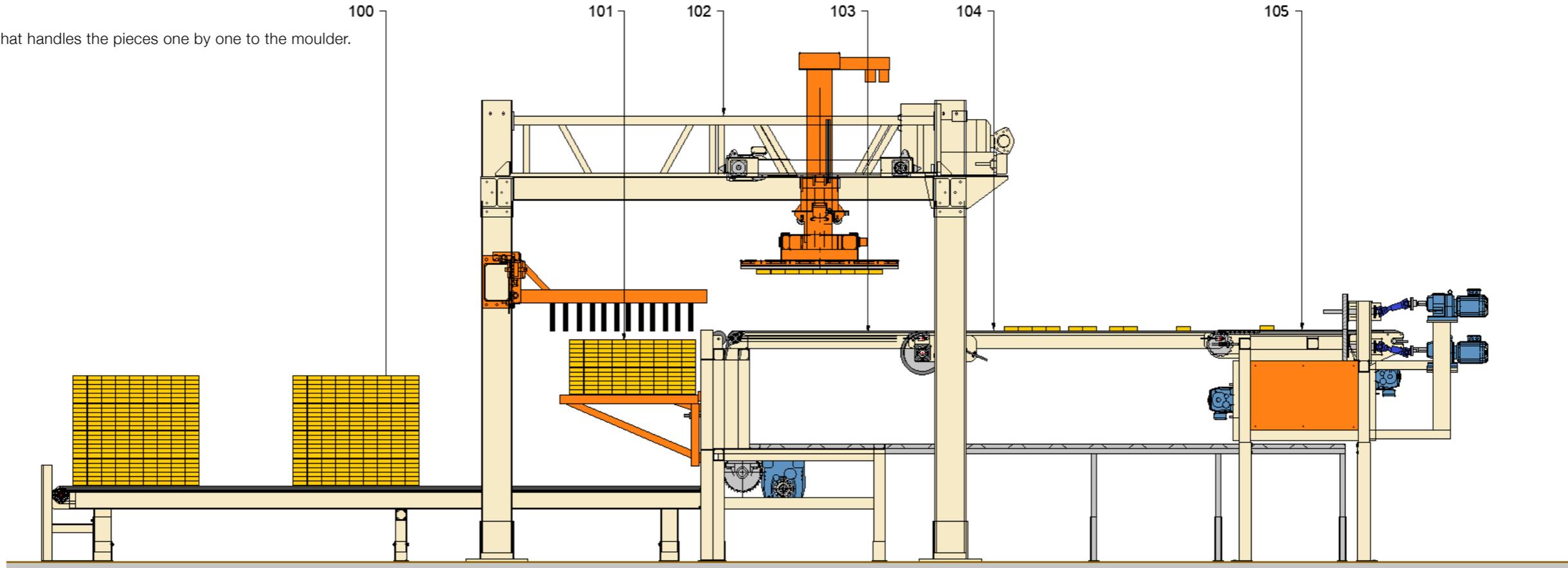
103. Receiving conveyor

Waits for the layer to get placed and moves away as soon as the vacuum lift has delivered the layer.

104. Buffer transport

105. Infeeding unit

Automatic infeeding unit that handles the pieces one by one to the moulder.



Sideview outfeed

302. Side delivery

Designed to make the board shift direction with high efficiency.

303. Side conveyor

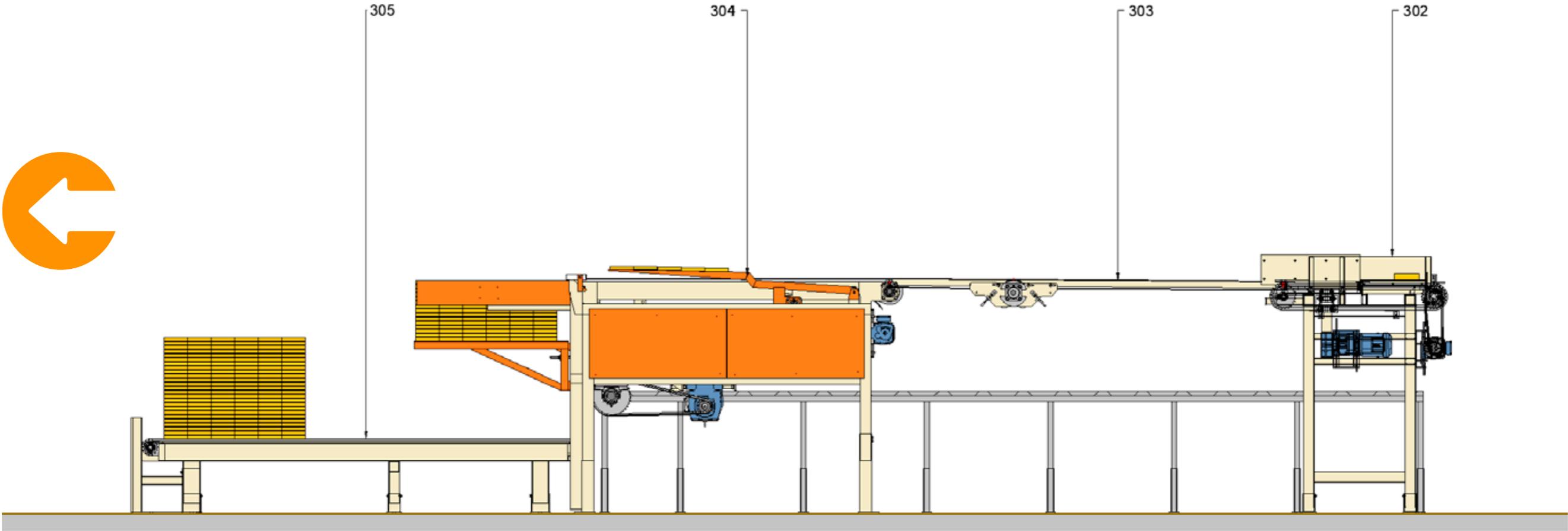
Transports the pieces to the automatic stacker, With space saved for additional sorting if needed.

304. Automatic stacker

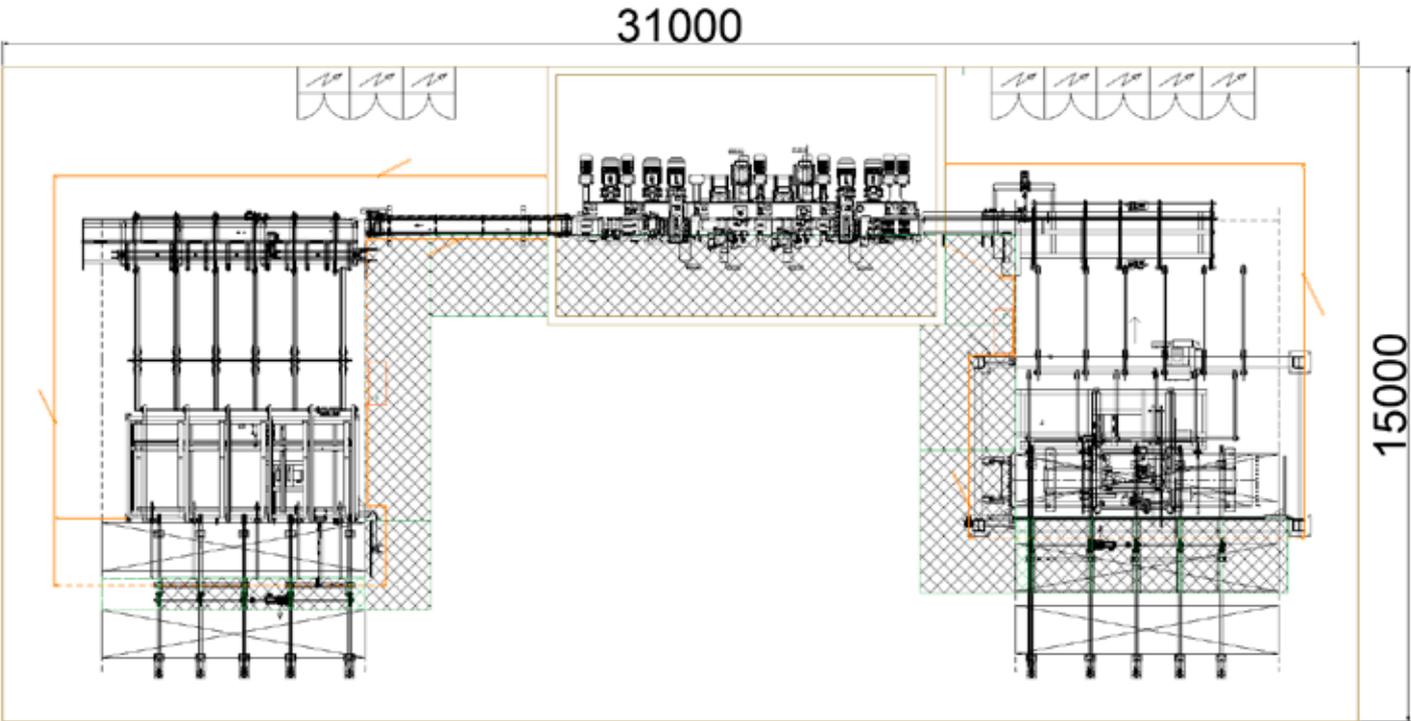
Fully automatic stacking unit with even end adjuster that keeps the packs even.

305. Buffer transport

One buffer slot for pack and one slot where the stacker builds the pack.



Overview line-setup



SYSTEM HALL

INCREASING EFFICIENCY IN THE WOOD INDUSTRY

www.systemhall.com
sales@systemhall.com
Phone: +46(0)346 - 577 30