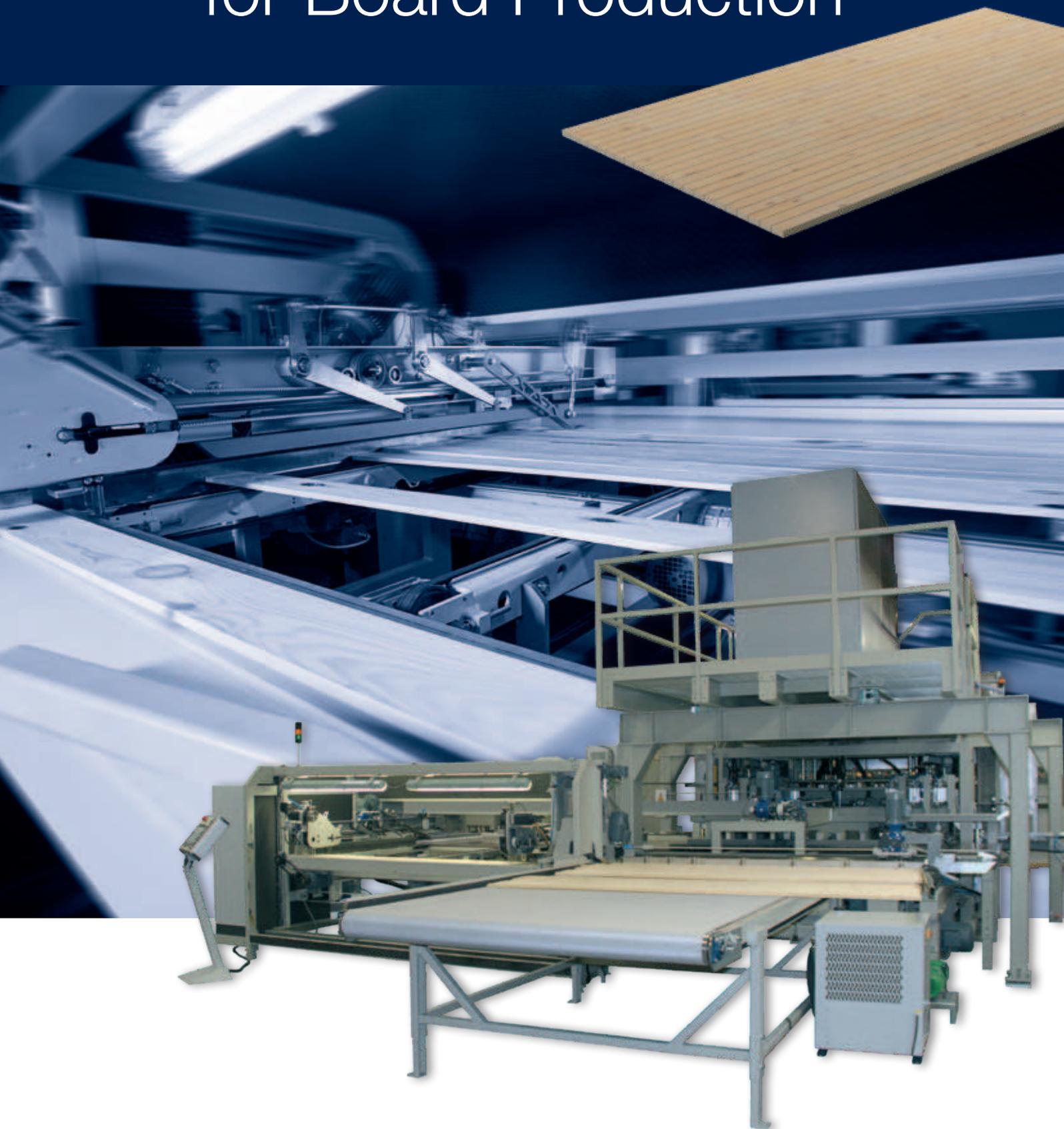


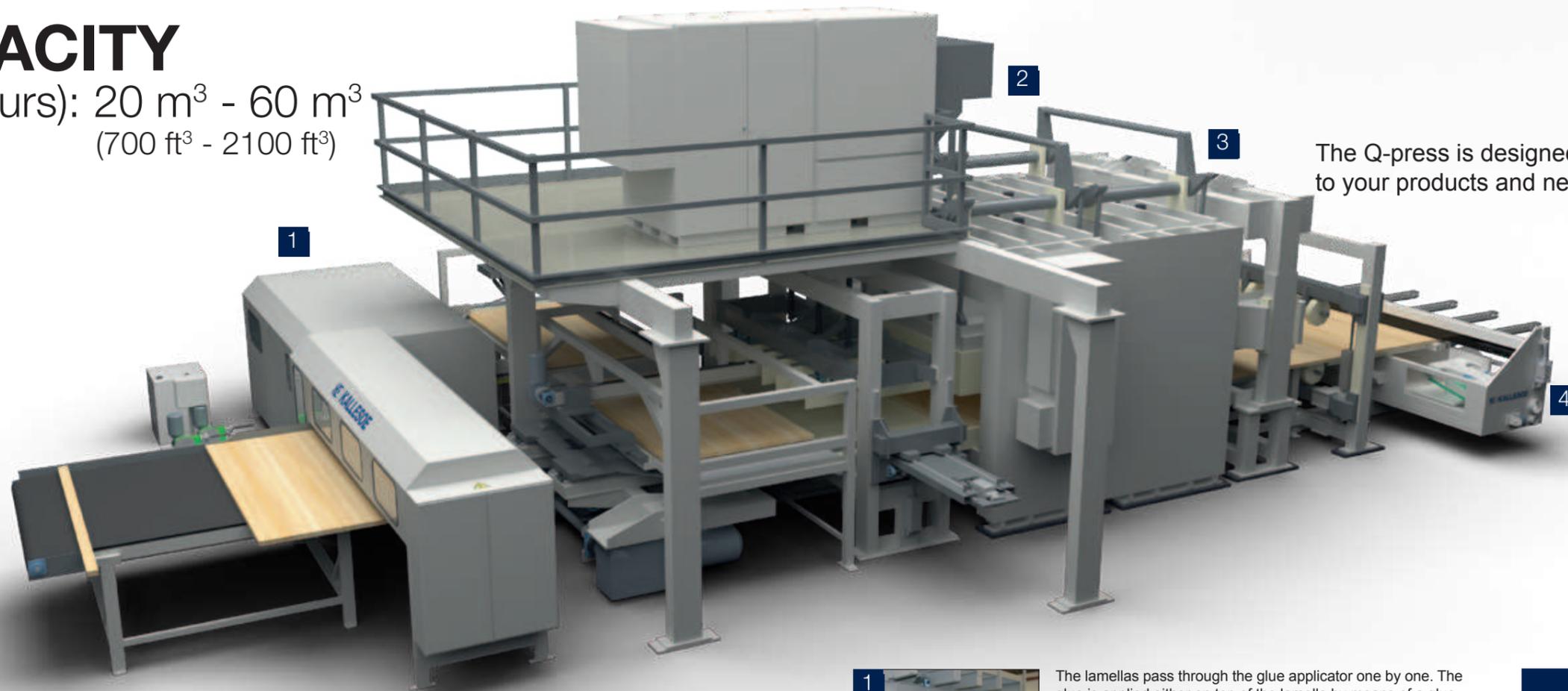
Q-Press for Board Production



HC | KALLESOE

CAPACITY

(7.5 hours): 20 m³ - 60 m³
(700 ft³ - 2100 ft³)



The Q-press is designed to fit exactly to your products and needs.

Q-PRESS

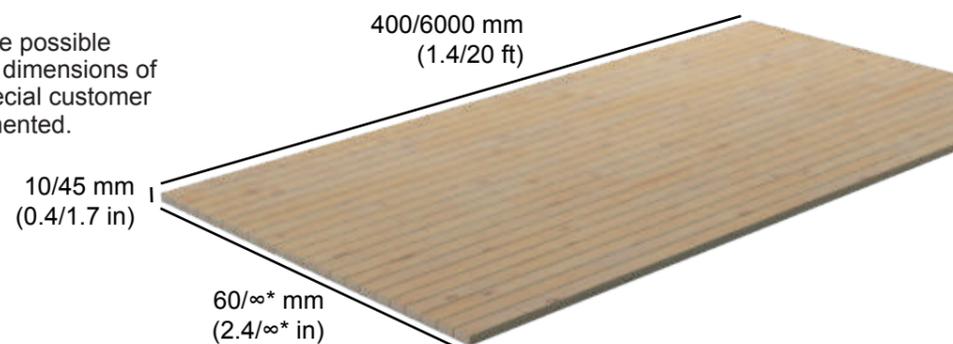
The Q-press is an extremely fast-high frequency (radio-frequency) press for board production.

Due to a very fast processing time and efficient use of the high-frequency energy, capacity is high, and the opportunity for optimization is substantial. When the board leaves the press, it is fully cured and ready for further processing.

As illustrated above, the Q-press line can consist of glue and lay-up system, press, and saw, but it can be adapted to meet special needs.

SPECIFICATIONS

The illustration shows the possible minimum and maximum dimensions of the final product, but special customer demands can be implemented.



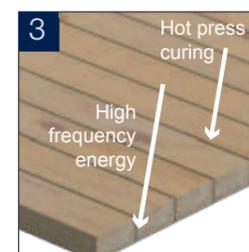
* width depends on the subsequent handling equipment



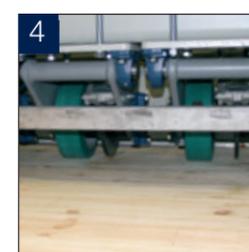
The lamellas pass through the glue applicator one by one. The glue is applied either on top of the lamella by means of a glue nozzle or on the side of the lamella by means of a glue roller, depending on the chosen solution – which again depends on the lamella dimension and your needs.



Leaving the glue applicator, the lamellas are cross conveyed into a magazine in which they are gathered in a charge. When the magazine is full, the lamellas are led to a feeding table in front of the press.



The glued lamellas are fed into the fully automatic press which consists of two parts: a high-frequency unit in front and a hot press unit behind. The pressure plate of the hot press lowers to act as a backstop for the high-frequency unit. Simultaneously the high-frequency unit starts processing. When the pressing cycle is completed the lamella line moves a step forward ready for the next pressing. This process allows the production of endless boards that subsequently can be cut into desired dimensions.



The high-frequency energy targets the liquid in the glue which quickly heats up from the inside and cures.

The hot press cures any surface glue on the board.

This process offers a fully cured board and allows immediate further processing.

Behind the press, saws can be installed enabling the cutting of the endless board into smaller units – both in longitudinal and transverse directions.

The saws cut the boards to the required dimensions and can furthermore be used for trimming ends and sides - ready for further handling.

A SOLUTION FROM KALLESOE MACHINERY GUARANTEES:

- Sturdy and reliable products
- Easy and logical operation
- Flexible solutions
- High capacity and low energy consumption
- Increased production

TECHNICAL INFORMATION

Generator:

45 - 200 kW

Capacity per shift (7.5 hours):

20 m³ - 60 m³
(700 ft³ - 2100 ft³)

ACCESSORY EQUIPMENT

The press can be adapted and extended with various solutions according to your needs.

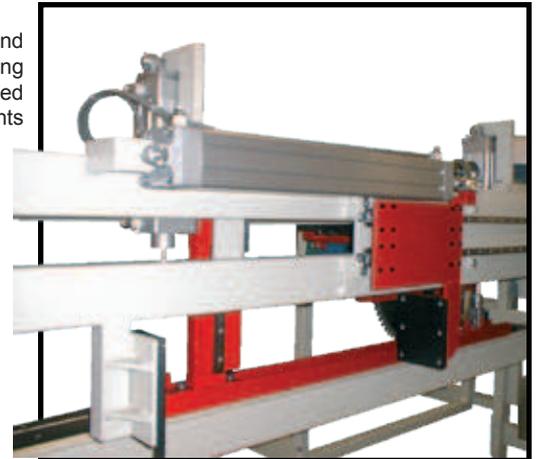


IN FRONT OF THE PRESS
the following can be placed (examples):



Sorting equipment
for the automatic sorting
of lamellas before
further processing of the
wood

BEHIND THE PRESS
the following can be placed (examples):

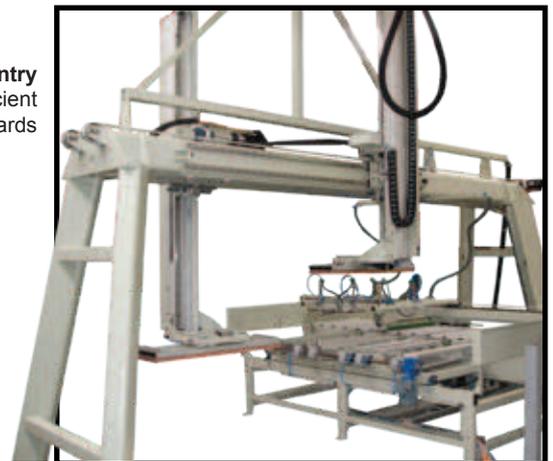


**Cross cut saw and
rip saw** for cutting
boards in desired
measurements



Vacuum gantry
for quick and efficient
staking of the boards

Sorting equipment KS1
for the manual sorting and
laying-up of lamellas



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