

StickSorter

Focusing on speed, precision, and ease of use



StickSorter ensures the quality of your sticks and automatically sorts out those not living up to your requirements.

Therefore, you will get a faster, safer and more efficient stacker line. StickSorter is probably the first system of its kind in operation, and is the logical next step when you need to improve availability of your stacker line.

Focusing on speed, accuracy and ease of use, StickSorter will be a modern element of your sawmill. The system requires very little maintenance, gives a low cost of ownership and its function is easily set up in a user-friendly touch interface.

The StickSorter system consists of a scanning unit, encapsulated control and HMI, a synchronized feeding system, and dual pushing units.



Efficient stacking

With simplicity, high level of automation, and low need for maintenance, you get a very cost efficient increase of performance in your stacker line.

This means less downtime due to disturbances and no need to manually sort out poor sticks.

Fast scanning and sorting

StickSorter detects the following properties of your sticks:

- Thickness
- Width
- Length
- Bend
- Hook
- Irregularities
- Sprains and breakages

Scanning, analyzing, and sorting is performed at speeds up to 300 pieces per minute.

Keep track of production

StickSorter delivers complete statistics, for every stick. By analyzing production data, shortcomings can be identified and stick management further improved.

Smooth installation

StickSorter can be integrated into your existing stacker line, and is compatible with all types of stacker machines.

STICK SORTER

GENERAL DATA

Maximum speed	Up to 300 pieces per minute
Measurement technology	Optical, touchless
Accuracy Height	+/- 0.5 mm
Accuracy Width	+/- 1 mm
Accuracy Length	+/- 3 mm
Scanning region L x W x H	Approx. 1700 x 200 x 100 mm
Interface	Gigabit Ethernet
Synchronized feeding system	With optional separation of sticks
Sorting	Dual pneumatic pushing units
Operating temperature	0-50 °C

SCANNING UNIT

Technology	Laser-triangulation
Scan rate	> 500 Hz
Protection class	IP67
Laser class	3B II
L x W x H	Approx. 2200 x 600 x 1200 mm

CONTROL AND HMI

Control system	GE VersaMax PLC
HMI PC system	AAEON 17" Modular Touch
Operating system	Windows 10 Professional
Software	StickSorter Application v1.1 (2017)
Protection class	IP65

**Do you have questions or want to place an order?
Please don't hesitate to contact us!**



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