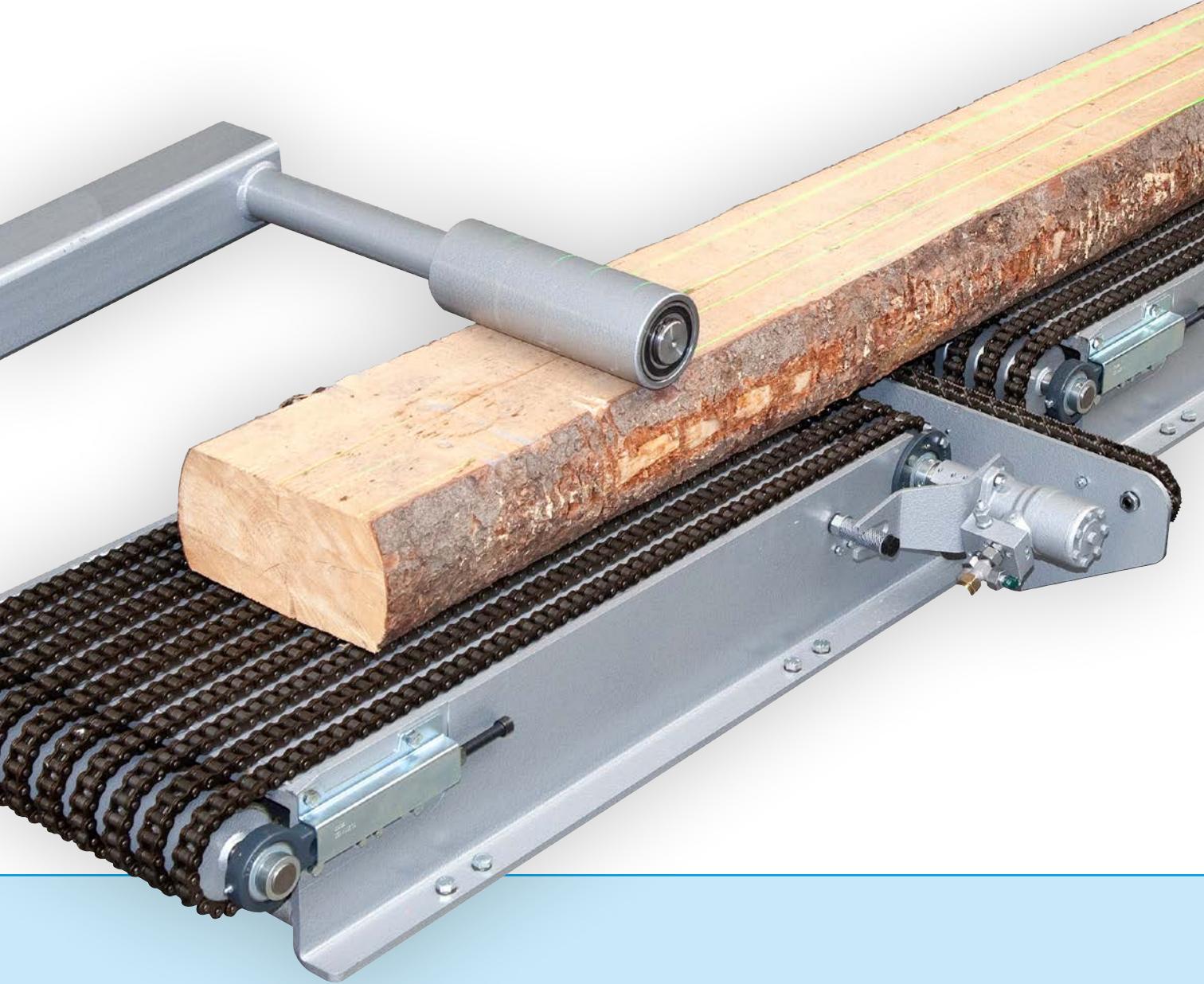
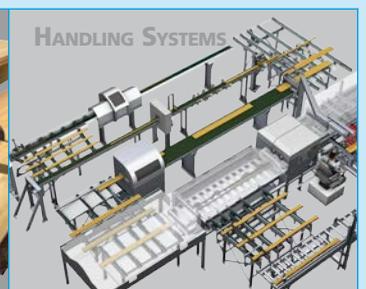
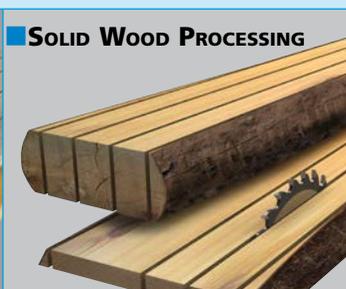
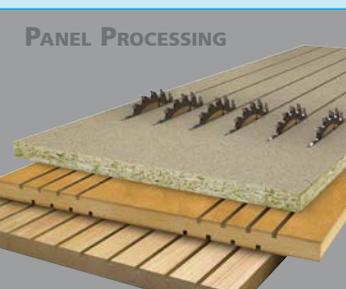


■ made
■ in
■ Germany

Paul
Maschinenfabrik GmbH & Co. KG



Semi-Automatic Infeed System SAB



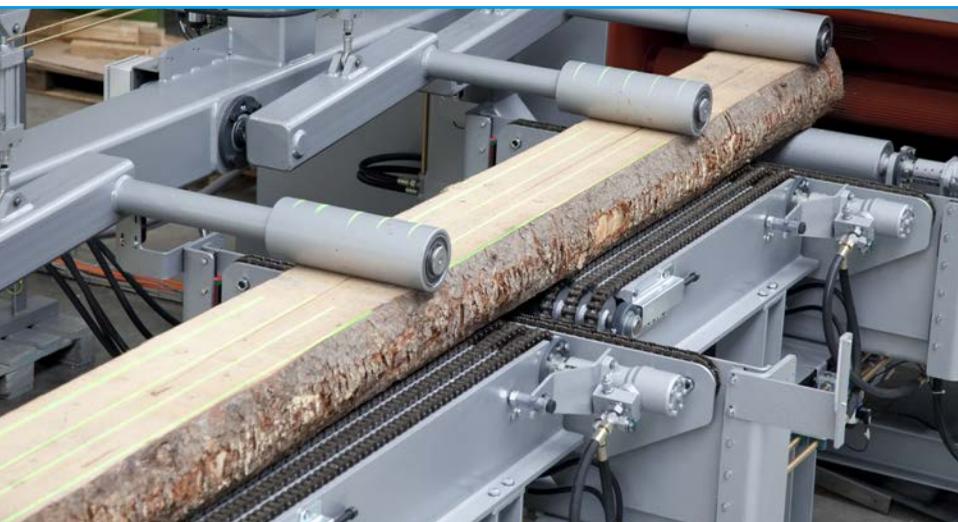


Fig. 1: The SAB semi-automatic infeed system ensures accurate and reliable feed of heavy workpieces



Fig. 2: Control center in a separate cabin

The PAUL SAB semi-automatic infeed system significantly simplifies the time-consuming handling of heavy workpieces in the sawmill. Manipulation of cants is made very much easier for the operator. The workpiece comes to the operator via a cross conveyor. Using an optional turning device he can turn the workpiece upside down, where necessary, and with the aid of hydraulically lifted alignment chains he moves it to the optimum position ahead of the rip saw. The operator marks the wane by means of laser lines projected onto the workpiece surface. The complete

alignment and grading operation is very easy to carry out using a joystick.

On the MAXIRIP CNC control ripping patterns are programmed via a touch screen or via network from the office. The optional OPTIRIP CNC control is furthermore capable of calculating the optimum ripping pattern taking into account different timber grades and preset ripping lists. In this way the timber yield can be increased appreciably.

The extremely robust chain beds combined with a hydraulic top roller

pressure system then feed the workpiece with highest precision into the rip saw.

The design of the workplace is suited to customers' requests. The selection ranges from a flexible standing place to the convenient control center in a cabin.

The use of a SAB semi-automatic infeed system not only reduces costs and operator effort, but also contributes significantly to safety and increase in productivity in the sawmill.



TECHNICAL DATA

		SAB
Workpiece length	[mm]	1 200 - 12 000
Workpiece thickness, max.	[mm]	225
Suitable rip saws		S, SGL, KME3, K34V
Measuring system		Manual measurement with line laser
Alignment/optimization		semi-manual / semi-automatic