

BANDSAW

COMPACT

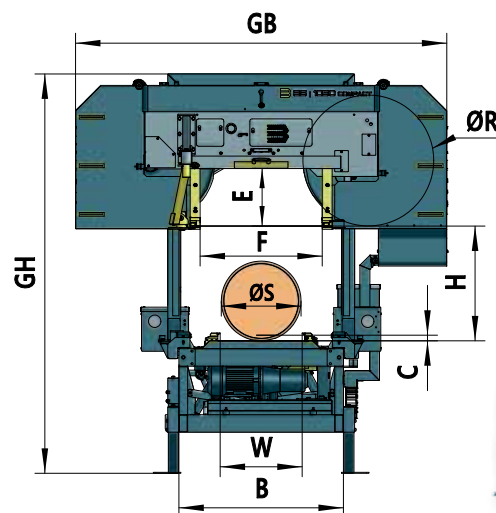
Our advantages

- We manufacture the bandsaw according to your specifications.
- For log infeed, plank outfeed and sorting of the sawn timber we provide individual solutions.
- As a full-range supplier, we also produce automatic sharpeners, single blade and double edgers, sawmills with automatic operation and resaws for glulam industries.
- Advice, planning, production, assembly and service from one source.
- Experience since 1955.

Description type name:

Motorization	Version	Wheel Ø	Model
E = Electric motor	S = Stationary	1050	COMPACT
D = Diesel engine	M = Mobile	1200	PROFI
		1400	

Type	1050	1200	1400	
ØS max. log diameter	1,100	1,500	1,800	mm
F max. opening sawblade guide	980	1,180	1,390	mm
H max. stroke saw head	900	1,000	1,200	mm
E Space above the sawblade	460	530	620	mm
B Guideway width	1,320	1,500	1,700	mm
W max. opening clamps	660	810	970	mm
C min. cutting height	24	24	30	mm
ØR Wheel diameter	1,050	1,200	1,400	mm
Sawblade length	6,800	7,800	9,500	mm
Sawblade width	120	150	206	mm
Sawblade thickness	1.2	1.3	1.47	mm
Feed rate	0 - 50	0 - 45	0 - 40	m/min
Power sawblade	Electric motor Diesel engine	30 - 45 55	45 - 75 90	75 - 132 / kW
Cutting length	depending on customer requirements			m
GB Total width	3,000	3,400	3,900	mm
GH Total height	3,200	3,500	4,200	mm
Total weight depending on cutting length	min. 6,000	min. 8,000	min. 12,000	kg



COMPACT



RESCH & B THE MACHINE COMPANY SINCE 1955

The operating station of the COMPACT bandsaw is fixed to the ground behind the sawmill. All mechanical components of the sawhead and the guideway are identical to those of the PROFI series. The saw blade pressure guide is also included. The only differences compared to the PROFI are in the electrical and hydraulic controls: the COMPACT version is simpler, with limited equipment options.

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Precutter: The pre-cutter ensures a clean entry for the saw blade, which significantly increases the service life of the saw blade.

Pressure guides: The pressure guides improve the stability and reliability of the sawblade guidance system. As a result, precise cutting is possible even at elevated feed rates. Both guides can be moved to position them as close as possible to the log.

Control panel: Simple and clearly structured. Various programmes on the touch panel enable the operator to quickly enter the respective cutting thicknesses.

Sawdust box: Sawdust is collected in a dedicated container, which is emptied automatically when the saw returns to the end position.

Plank remover: While traveling backwards, the plank remover automatically adjusts to the cutting height and pushes either the slab or each individual board to the side.

Height positioning: Two hydraulic cylinders move the sawhead up and down quickly and with extreme precision.

Feed: The sawhead is directly driven on both sides by two electric motors. The optimum rate of feed is continuously adjustable.



Precutter



Pressure guides



Plank remover



Control panel



Sawdust box

Log loader: The hydraulic log loader lifts the log onto the guideway. This is where wood processing begins.

Turning chains: Logs of various sizes and shapes, as well as cants and planks, can be easily rotated into the desired position using the turning chains. They are also used to eject sawn timber to the side.

Longitudinal roller: The longitudinal rollers move the log back and forth for optimal use of the clamping tongs, ensuring the log is securely fixed.

Squaring: For squared timber, slats, etc. the sawn timber is placed in an angular position.

Clamping tongs: Clamping tongs that can be individually adjusted in height are used to align and secure the log to ensure a perfect horizontal positioning of the log.

Minimum height: This function allows the clamps to be positioned at minimum height during the last cut without cutting into the clamping tongs.

Outfeed rollers: When sorting the sawn timber, it is important that the unedged planks are separated from the finished goods. The outfeed rollers transport the squared timbers forwards or backwards in the longitudinal direction.

Log infeed: The hydraulic log infeed conveyor transports the wood to the log loader. Several logs can be loaded onto the conveyor at the same time.



Longitudinal roller



Squaring



Clamping tongs



Outfeed rollers



Log infeed



Log loader



Turning chains

