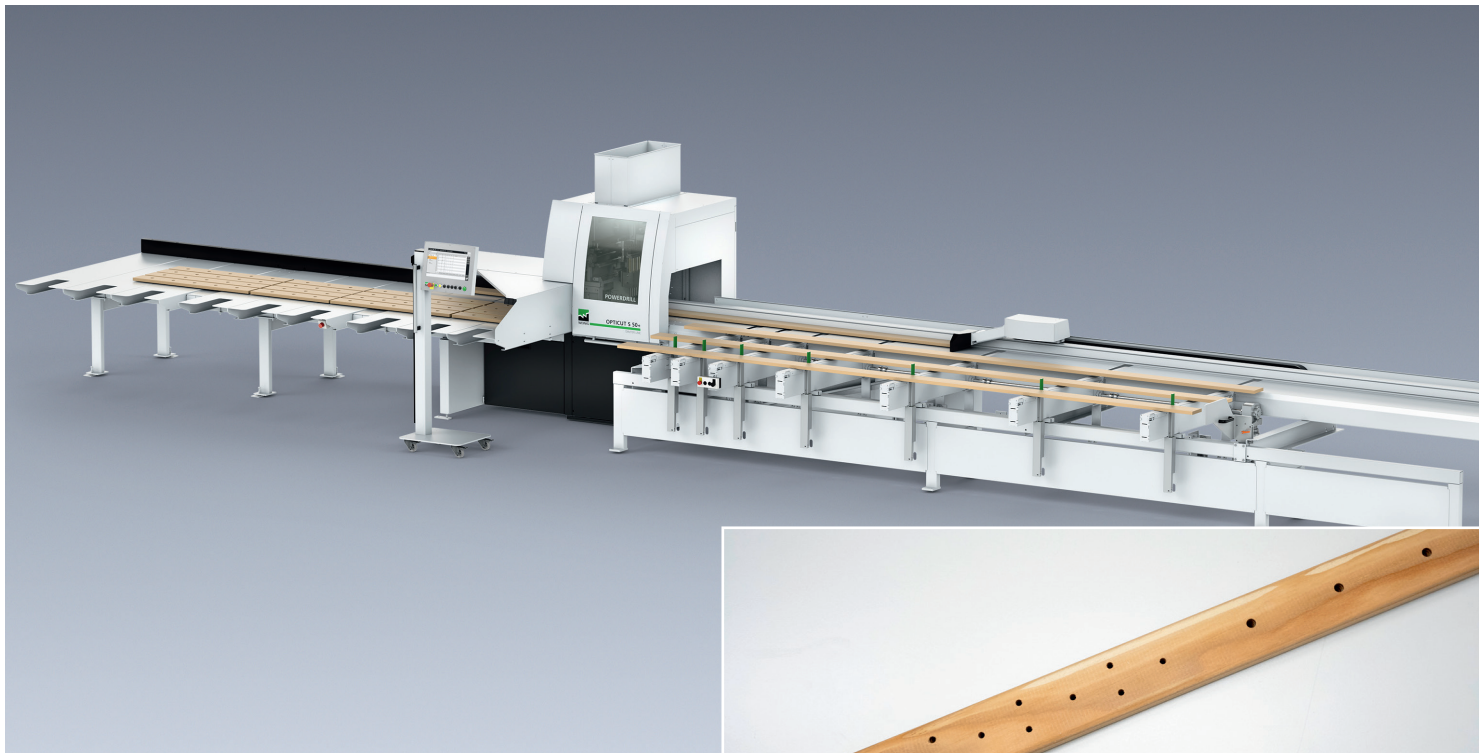


POWERDRILL DRILLING UNIT

NEW!

Cross-cutting and drilling in one operation: Simple, fast and efficient

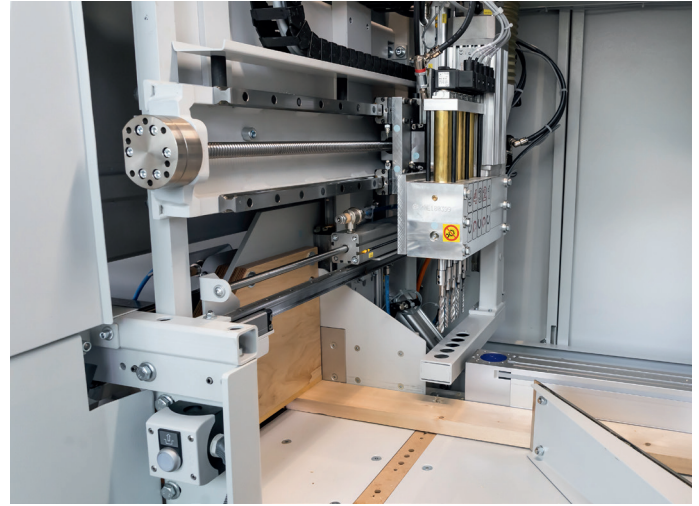


The Powerdrill drilling unit is the perfect addition for easy cutting with the OptiCut S 50+ optimizing cross-cut saw. It allows drilling and cross-cutting to be performed in a single operation.

In the machine body, the drilling unit is located before the sawing unit. The unit is designed with high-quality components for precise positioning along the workpiece width (y-axis) and along the workpiece height (z-axis). In the longitudinal direction of the workpiece (x-axis), conveying is carried out with the positioning pusher. A wide variety of pressure options can be used for clamping the workpiece before and behind the processing units.



POWERDRILL DRILLING UNIT



Technical data

Drill diameter:	4-10 mm	
Nominal cross section for drilling:	min. 40 x 10 mm	max. 300 x 60 mm
Nominal cross section for cutting:	min. 20 x 10 mm	max. 240 x 120 mm
		max. 300 x 100 mm
Fixed speed:	3100 rpm	
Processing time per drilling cycle:	approx. 2 s	
Max. travel speed:	x-axis	60 m/min
	y-axis	20 m/min
	z-axis	7 m/min
Positioning precision:	x-axis	± 0.5 mm
	y-axis	± 0.1 mm

The technical data may differ under certain conditions.

The advantages of the Powerdrill drilling unit

- Less processing steps, resulting in shorter production times
- Less production space required
- Minimization of machine costs
- Reduction in maintenance costs
- Optimization of work steps
- Improved allocation of manpower
- Increased profit

The drilling unit with five tool holders is the ideal solution for those looking for multiple processing with a single machine, e.g. for processing furniture parts, wooden components for gardens such as fences, screens and deckings, construction parts, and many more.