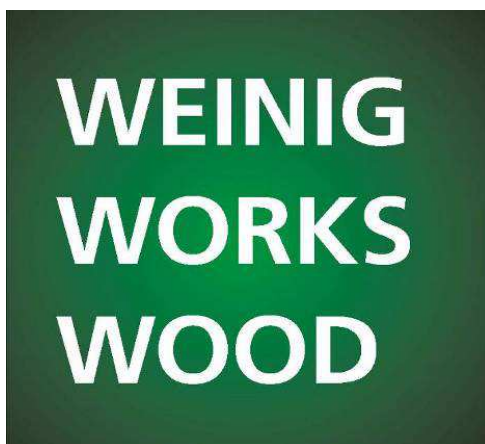
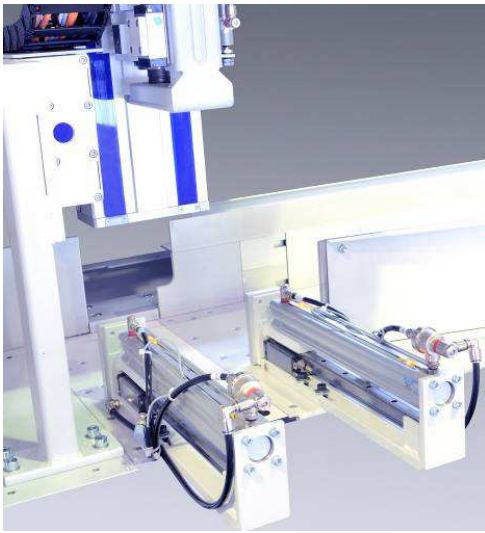


OptiCut S 90 XL SUPERDRILL

TWO operations - ONE process



The S 90 XL Superdrill with drilling unit for cutting, drilling and milling

Technical data



Timber dimensions

Ingoing length	<i>max.</i>	2,7 m / 4,5 m / 6,3 m
Width	<i>min.</i>	20 mm
	<i>max.</i>	420 mm
Thickness	<i>min. drilling</i>	10 mm
	<i>min. milling</i>	15 mm
	<i>max.</i>	180 mm
Nominal cross sections	<i>min. drilling</i>	20 mm x 10 mm
	<i>min. milling</i>	20 mm x 15 mm
	<i>max.</i>	280 mm x 180 mm
		420 mm x 40 mm

Data drilling & milling

Types of processing		
drilling		through hole
milling		blind hole
		crossmilling
Traversing speed		
x-axis	<i>max.</i>	60 m/min
y-axis	<i>max.</i>	60 m/min
rapid traverse processing	<i>up to (*)</i>	20 m/min
z-axis	<i>max.</i>	60 m/min
rapid traverse processing	<i>up to (*)</i>	20 m/min
Accuracy of positioning		
x-axis	±	0,5 mm
y-axis	±	0,1 mm
z-axis	±	0,1 mm
chip removal per stroke	<i>up to (*)</i>	30 mm

Description

Integrated drilling- and milling unit

The drilling unit is arranged in front of the cross-cutting station. The positioning of the aggregate is servo controlled in the workpiece width (y-axis) and workpiece thickness (z-axis). The positioning of the workpiece (x-axis) is done by the pusher of the cross-cutting station.

The workpiece is clamped for processing by two laterally arranged pressure units. The wood chips are removed by way of a dust exhaust system.

The tool is fixed via a collet chuck on the aggregate.

*No tool included for drilling unit.

(*) The reported values are strongly influenced of the materials to be processed and the processing tool.

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