

Optionally tailored to your wishes



- 1 Angle supports on the table front for cutting fascia boards
- 2 Insert strips with ball casters for moving large wooden boards
- 3 Laser guide light built into the protective beam for precise, fast alignment of the cut
 - Up to 8 downholders possible (depending on cutting length)
- 4 Cold-resistant touchscreen for temperatures down to -14°C
 - Cross table for a clean 90° stop
 - The 7.5 kW under-table cross-cut saw enables frontal gouge cutting in one operation (machine can be placed on the left or on the right)
 - Cutting height 170 mm or 180 mm selectable
 - Width stop up to 2400 mm possible
 - Max. saw blade can be used up to 550 mm
 - On request, the protective beam and stop is available in any RAL colour



TECHNICAL DATA

Cutting length depending on machine length	3200 – 8200 mm
Cutting height adjustable	0 – 160 mm standard
Width stop adjustment	up to 400 mm standard
Feed rate	stepless up to 85m/min
Saw motor power	11 kW
Suction nozzle	2 x 150 mm
Air velocity	28m/s
Compressed air connection	800l/min, 8 – 10bar
Weights (cutting length 620mm)	2900kg
Space requirement	Cutting length + 1800 mm / width 1150 mm at 400 mm cutting with
Operating voltage	400V/50Hz
On-site safeguarding	40 Amp.
Saw blade diameter	500 mm standard
Panel	Siemens SPS with touch panel
Connected load	3 x 400 V, +N, +E 40 Amp.

Swiss premium woodworking machines

High-tech meets wood. For over 60 years, our family business has been considered an international pioneer in the field of woodworking machinery.

Our recipe for success lies in the fusion of tradition and innovation: With great respect for wood as a natural product, we use our broad expertise to drive forward the technical and creative possibilities and thus the future of engineered wood construction. This is one of the reasons why our woodworking machines are in use all over the world. This makes us proud and spurs us on to new top performances every day.

Whether for classic joinery or highly complex CNC production of ready-to-assemble construction elements: we have the right machines for you.

SWISS QUALITY

All Krüsi machines are 100% Swiss made, manufactured and designed in Schönengrund in the Appenzell hinterland. One of the many quality features is their durability. That's why our new and used machines are often in use for many years without sacrificing precision, performance and efficiency. This means sustainability and makes it possible to meet your needs with our high-quality equipment.

All Krüsi longitudinal circular saws comply with strictly applicable standards and guarantee the user safe handling.



Krüsi LKSA-16
Automatic cutting and
trimming circular saw



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*swiss premium
woodworking machines*

Automatic cutting and trimming circular saw

LKSA-16

Suitable for rational longitudinal sawing and milling, as well as for grooving and rebating of any kind of wood such as natural wood, glulam and beams. Plastics, insulating material and aluminium can also be processed effortlessly.

TOOL CHANGE

The milling blade is easily and quickly replaceable. At the same time, the safety of the operator is guaranteed at all times.

CUTTING HEIGHT ADJUSTMENT

The desired cutting height can be set directly on the touchscreen.

Efficient
Powerful
Precise
Reliable

OPERATING PANEL

On the PLC-controlled operating panel, all functions of the machine can be operated via the push buttons or the touchscreen. The panel can be moved along the entire cutting length and is therefore always in view.

FEED RATE

The feed rate can be continuously adjusted at any time via the rotary potentiometer, even during the sawing process. This allows an optimal feed adjustment to your application.

SAFE CASING

The hydraulic unit is safely protected from damage in the machine stand. The complete machine is cased in such a way that the operator's clothing cannot get caught when working. The base of the longitudinal saw is a planed, solidly built machine chassis. The saw carriage with its low-maintenance guides ensures precision and reliability, even with many years of use.

LAMELLA PROTECTION

Even with workpieces of unequal thickness, there is protection in the entire danger zone thanks to the lamellas mounted on each side of the saw blade. The adaptable lamellas are made of shockproof plastic.

HYDRAULICS

The hydraulic units are protected from damage in the machine stand.

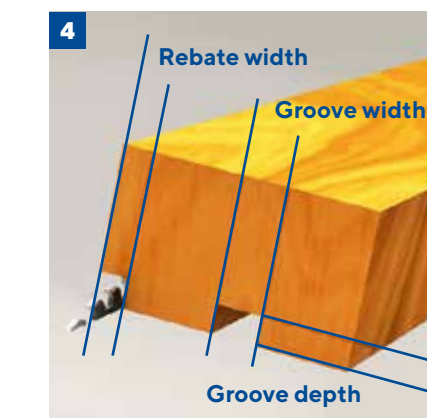
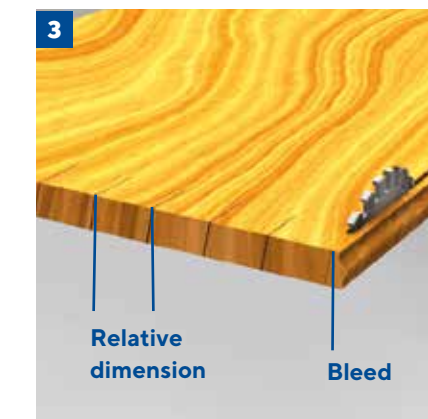
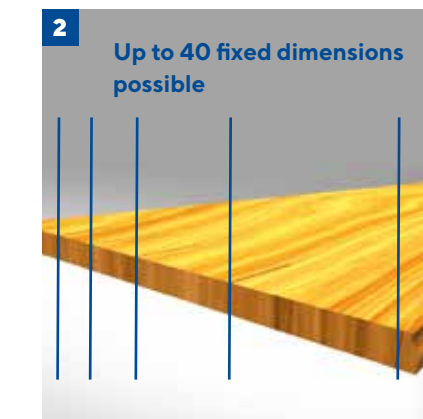
DOWNHOLDERS

The pneumatic downholder guarantees a high level of safety even with small workpieces. The machine can be equipped with up to 8 downholders, depending on the cutting length.

FOOT PEDAL

The foot pedal can be placed at the desired position on the floor. Pressing the pedal triggers the feed. If the operator lifts their foot, the saw carriage returns to the hidden start position in the table.

Width stop adjustment in 6 different ways



1 MANUAL HANDLING

Stepless traverse speed. The stop position can be read on the display.

1 ABSOLUTE VALUE TRAVEL

Automatic approach of the dimension entered.

2 FIXED DIMENSION RECALL

6 dimensions are visible on the screen at a time, and can be called up via the assigned key. Fixed and relative dimension storage with quick recall is possible for up to 40 different dimensions.

3 RELATIVE DIMENSION TRAVEL

The entered dimension is repeated automatically by pressing the key. Cut material is pushed from the back to the front and removed in front of the saw blade.

4 GROOVE AND REBATE MACHINING

Width and depth of the groove as well as continuous rabbets can be machined easily and in just a few steps.

5 STOP RETRACTION

Retraction can be activated via the control panel.

