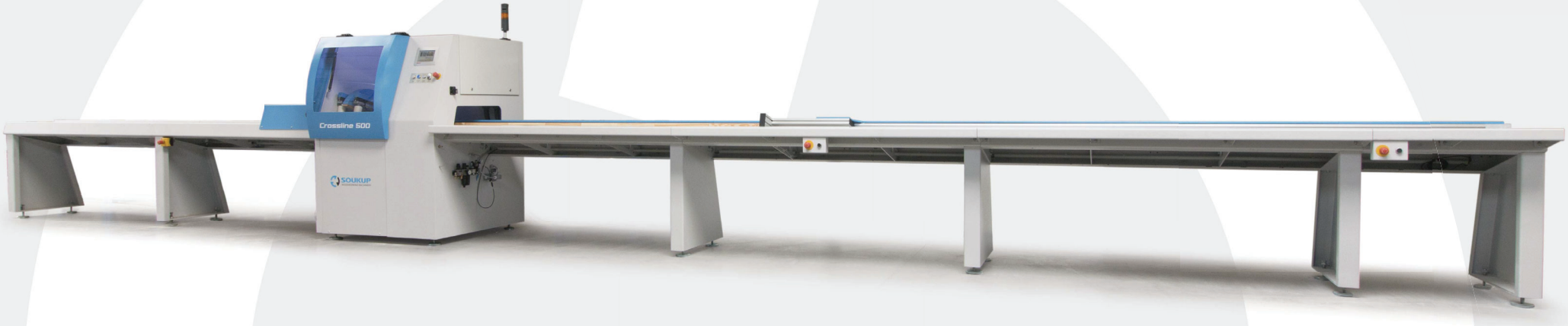
SOUKUP
WOODWORKING MACHINERY

inspired by craftsmanship

Crossline

Automatic crosscut saws

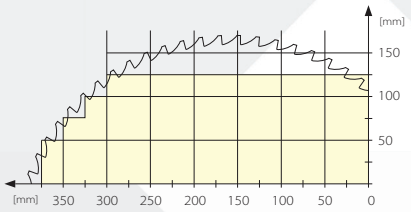
Crossline 500



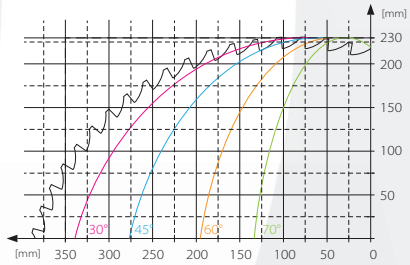
Automatic crosscut saw consists of a main machine with sawblade ø500 mm, servo driven electronic loading pusher and a fixed unloading table. The machine is optimized for window production and can be utilised in production lines equipped with material handling conveyors and manipulators.

This robust crosscut saw is designed to prepare material for window and door manufacturing. Besides standard cutting, the machine is capable of cutting window scantling in pairs which simplifies production sequencing. An optionally attached label printer automatically labels elements as they exit for easy identification in subsequent assembly. Crossline 500 can become part of an integrated production control system when used in conjunction with data supplied from WinCreator software.

cutting diagram for Crossline 500

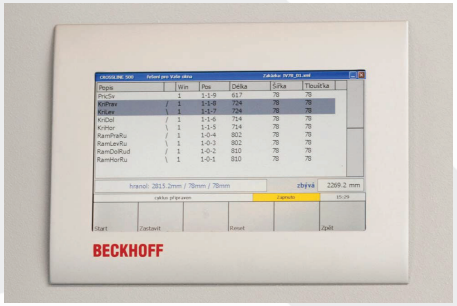


cutting diagram for Crossline 650



side and top clamp for precise cut

Industrial computer with 7" touch screen for manual control or with data from WinCreator.



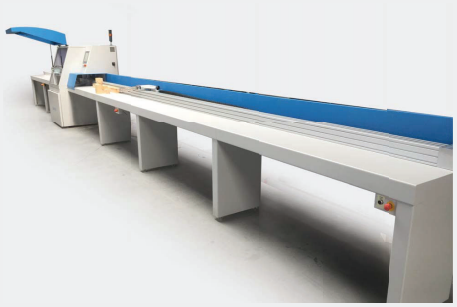
printer

Crossline 650

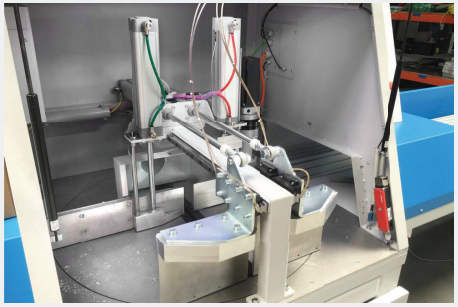
Automatic crosscut saw Crossline 650 is equipped with a turntable with a ø650 mm sawblade facilitating angled cuts of ± 70°. The material is inserted into the machine by a servo driven electronic pusher. The head of the material is automatically detected as it is pushed into the machine. The cutting accuracy is ensured by two upper and two side pneumatic clamps with individual control and adjustment. After the material is positioned, clamped and saw angle set, the saw blade automatically rises to perform the cut. After cutting, the material is released and pushed to the outfeed table.

The machine can work in manual mode or work automatically, linked to data from WinCreator or from third party software.

6 meters long infeed table with pusher



upper and side individually controlled clamps



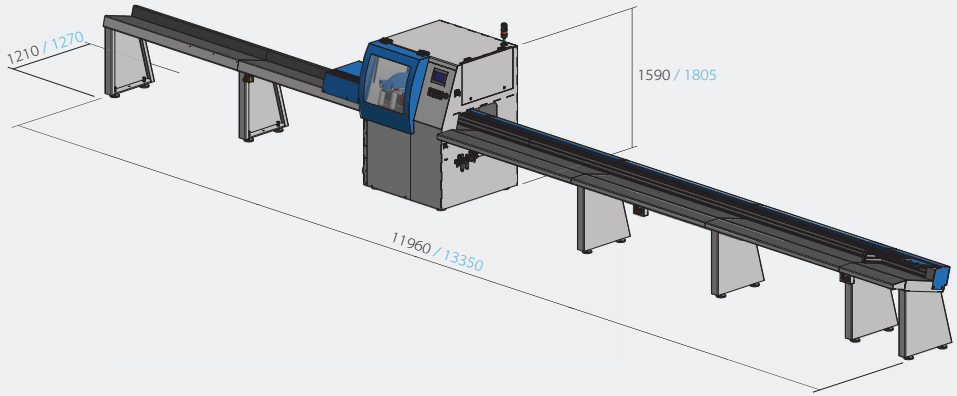
Crossline 500

- Beckhoff industrial PC with 7" Touch screen
- saw blade ø 500 mm, 2800 RPM
- saw blade motor 7,5 kW (10 HP)
- tolerance of precision cut ± 0,5 mm/bm
- feeding speed regulation (0-60m/min)
- saw blade lifting speed regulation
- individual pressure regulation for clamping elements
- automatic material measurement
- soundproof design
- dust extraction outlet ø120 mm + ø100 mm

Crossline 650

- Beckhoff industrial PCwith 12" Touch screen
- saw blade ø 650 mm, 2800 RPM
- saw blade motor 7,5 kW (HP 10)
- rotation 20°- 160°
- saw blade lifting speed regulation
- upper and side pneumatic clamps
- individual pressure regulation for clamping elements
- tolerance of precision cut ± 0,5 mm/bm
- feeding speed regulation (0-60m/min)
- automatic material measurement
- soundproof design
- dust extraction outlet ø120 mm + ø120 mm

Dimensions
Crossline 500 / Crossline 650



(Contact SOUKUP specialists for further information on individual customized solutions)
Technical data and description is subject of alteration. Pictures might show optional equipment that is not included in the standard machine specification.

SOUKUP
WOODWORKING MACHINERY

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