

CNC Cross-Cut System by Paul

The Push_Cut_CX-Z features a modified push-feed system replacing the conventional pusher by a gripper system. This gripper feed system offers new possibilities and combines the benefits of a high-efficiency optimizer with the accuracy of a push-feed machine.

Positioning accuracy and precise feed

The gripper system ensures very precise and exact positioning of even difficult timber (e.g. iced or wet timber). Assisted by a high-resolution measuring system the Push_Cut_CX-Z achieves a positioning accuracy of ± 0.1 mm which is unique on an optimizing cross-cut system.

High working speed by reinforced feed system

Accurate workpiece guidance and an extra heavy-duty feed system have resulted in high working speeds and so lead to an increase in output capacity. The faster pushing and sawing speeds meet modern production requirements. The powerful feed system is designed to move workpieces of up to 150 kg in weight.

Productivity – even with small batch sizes

Minimal changeover times with almost no interruption of the flow of work increase the efficiency of production and so ensure perfect productivity even with small batch sizes.

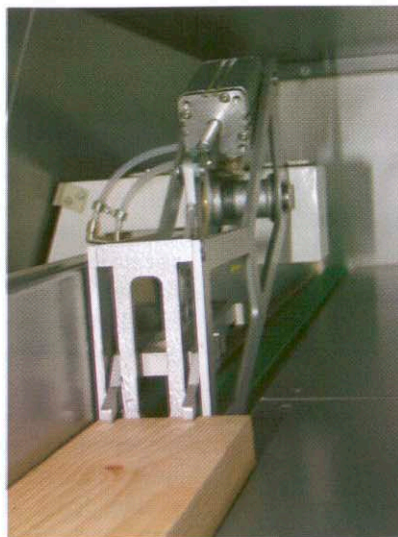
Better cutting quality

Depending on the application concerned a specifically suited saw blade can be used to achieve the best possible cutting quality. Paul works closely with the leading saw blade manufacturers.

Thoroughly engineered safety system

A high degree of working safety with maximum operating convenience is ensured thanks to a thoroughly engineered safety system using a light curtain which still allows the operator to load the machine during cutting to minimize expensive idle times.

The Push_Cut_CX-Z is ideally suitable for defect cutting and producing highly accurate fixed lengths. Thanks to a gripper height of



160 mm it is also possible to cut several pieces at once and so to increase the output significantly. Due to its modular construction the CX-Z series can be combined with an automatic feeding system to ensure maximum utilization of the machine capacity. Like all Paul optimizing cross-cut systems, the Push_Cut_CX-Z is virtually maintenance-free.

Reliable CNC Control

The CNC control of the Push_Cut_CX-Z is available in two different versions: The Maxi 5 Basic is used for simple applications. The Premium model is provided for an extended scope of functions, e.g. comprehensive production statistics, several optimization strategies, quality/value optimization, use of an ink-jet/label printer or network capability. All CNC controls operate under the reliable Linux operating system that has been specifically developed and adapted. Optical operator support using a touch screen makes machine operation very easy.

For more information
please quote

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