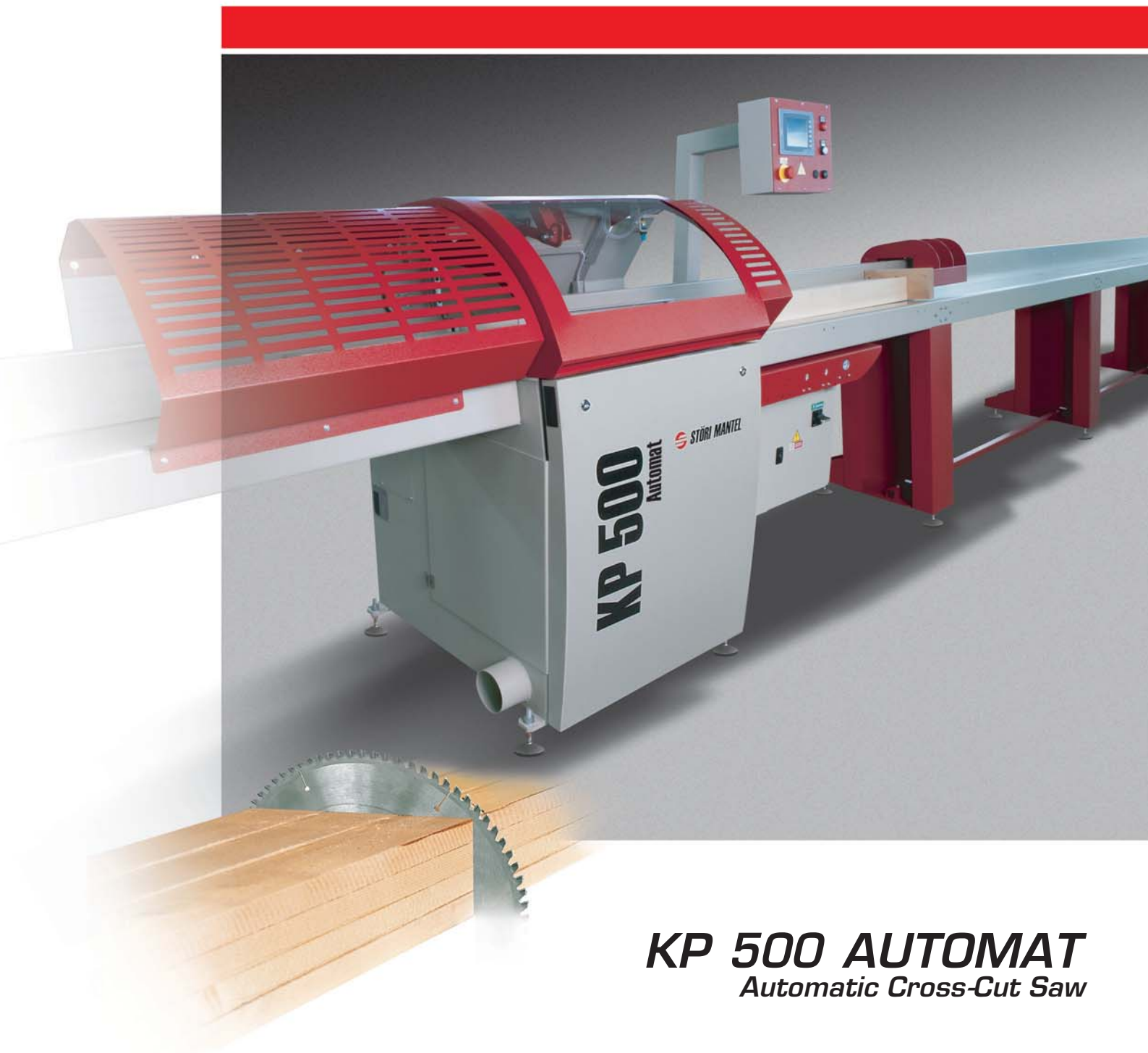




# **STÖRI MANTEL**

*...when machines understand you*



**KP 500 AUTOMAT**  
*Automatic Cross-Cut Saw*

# KP 500 Automatic Cross-Cut Saw

## Performance, speed, reliability...

The latest woodworking technology has increased the requirements for the maximum yield of worked material. The KP 500 automatic cross-cut saw is a reliable and fast device capable of delivering the maximum yield and high productivity during cross-cutting.

## Use in Practice

The cross-cut saw is designed to cut square beams, prisms and boards. It was designed to replace heavy manual work and to reduce errors. It is used in the saw-mill industry and in companies dealing with the production of pallets, packages, floors and furniture.

## Function Description

The operator places the material individually or in the packet on the feeding table, confirms the cycle and the automatic feeding and material trimming starts. The trimmed packet at the output of the saw corresponds to the requirements stated in the cutting diagram.

## Work Safety

The machine fulfils strict requirements for work safety stipulated by respective EC standards.

## Control System Options

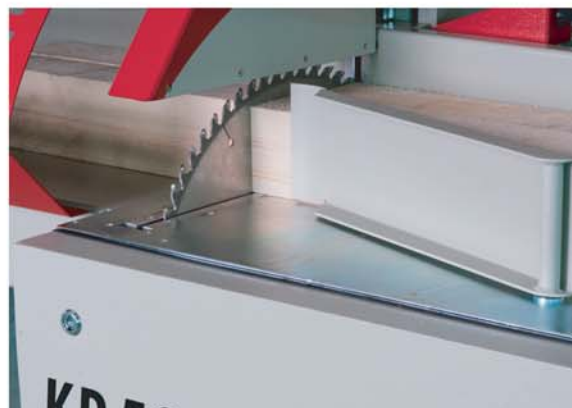
- 10 fixed and 10 optional programmes
- 10 length options in the programme
- Combination of set lengths in the programme
- Option to adjust the repeated length in the cycle
- Selection for cutting of the face
- Fast and simple overwriting of the programme, high variability

## Other Options

The cross-cut saw can be supplemented with accessories at the input and output of the machine to make manipulation with the material easier. At the input it is possible to use a cross loading conveyor. The work can be simplified by installing a powered roller conveyor with pneumatic suppression of the parquet blocks on the cross gravitation skids at the output. Cutting out defects according to luminescent chalk marks is optional.

## Technical Description

- saw blade diameter  $\varnothing$  500 to 550 mm
- engine power 5.5 kW (7.5 kW optional)
- drive of the loader Servomotor
- material feeding accuracy  $\pm 0,5$  mm
- material feeding speed 60 m/min.
- pressure air connection 0,8 MPa
- exhaustion 2 x 120 mm - 30 m/s
- operating height 850 mm
- automatic inspection of parquet block height
- contact control panel (touch screen)
- cutting height, see the cutting diagram
- the length of the input table 4.2 - 6.2 mm
- high precision, long-service life, safety of operators, minimum noise



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Cutting diagram KP 500 - Automat

