

# **STÖRI MANTEL**

*woodworking machines*

## **LINE FOR PROCESSING OF PALETTES SMOP**



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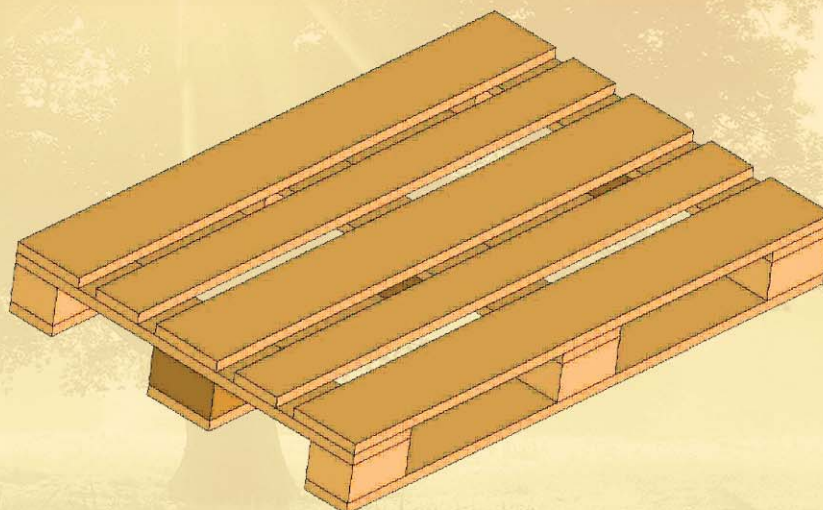
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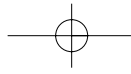
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# Line for processing of palettes SMOP

## CONSTRUCTION AND APPLICATION OF MACHINE

The line for processing of SMOP palettes represents a modern construction designed as robust equipment for the processing of palettes.

It is a recommended solution for anywhere where it is necessary to perform high-quality marking without operators, to cut corners and to mill palettes. According to its concept and price, it is used in medium-sized wood working operating units.

## WORK SAFETY

The machine fulfils the strict requirements for safety resulting from European standards.

## SYSTEM OF WORKING ON THE MACHINE

The operator places the palette on the input feeding conveyer and confirms the running of the process or the palette enters the line fully automatically from the nailing automated machine. Then the palette passes through the individual operations without the presence of operators up to the final output to the non-driven output conveyer. Individual aggregate engines run automatically during the passing of the palette and after completion of the work they are disconnected up to the arrival of the other palette. On the output cylindrical conveyer, the operator performs the final visual inspection and manual stacking. A further option is the incorporation of the driven output conveyer with the subsequent use of the stacker.

## COMPOSITION OF THE EQUIPMENT

1. Input roller conveyer
2. Marking of palettes with burning device
3. Cutting corners of palettes
4. Continuous milling automated machine
5. Output roller conveyer

## TECHNICAL DESCRIPTION OF THE LINE

The input roller driven conveyer

- steel construction of the machine with driven steel rolls
- span of rolls about 250 mm (for 600 mm long palette)
- driven system with manual placement of the palette or the fully automated regime for the placement of the palette from the nailing machine

Marking palettes

- pneumatic movement for burning signs
- electric resistance heating of templates
- input power of burning template of approximately 1 kW - total 6 kW
- regulated time switch of burning time from 3 to 20 s
- hole with the diameter of 150 mm for the exhaustion of burnt gases

Cutting corners of palette

- 4 disk saws
- independent movable motor units
- input power of the unit 2 kW - total 8 kW

Continuous milling aggregate

- automatic movement of the palette
- independent tilting motor units with copying milling equipment
- mechanical setting copying unit
- upper pressing wheels
- securing against back throw
- input power of the unit 1 kW - total 8 kW

**You can find more information at [www.stoerimantel.cz](http://www.stoerimantel.cz)**

