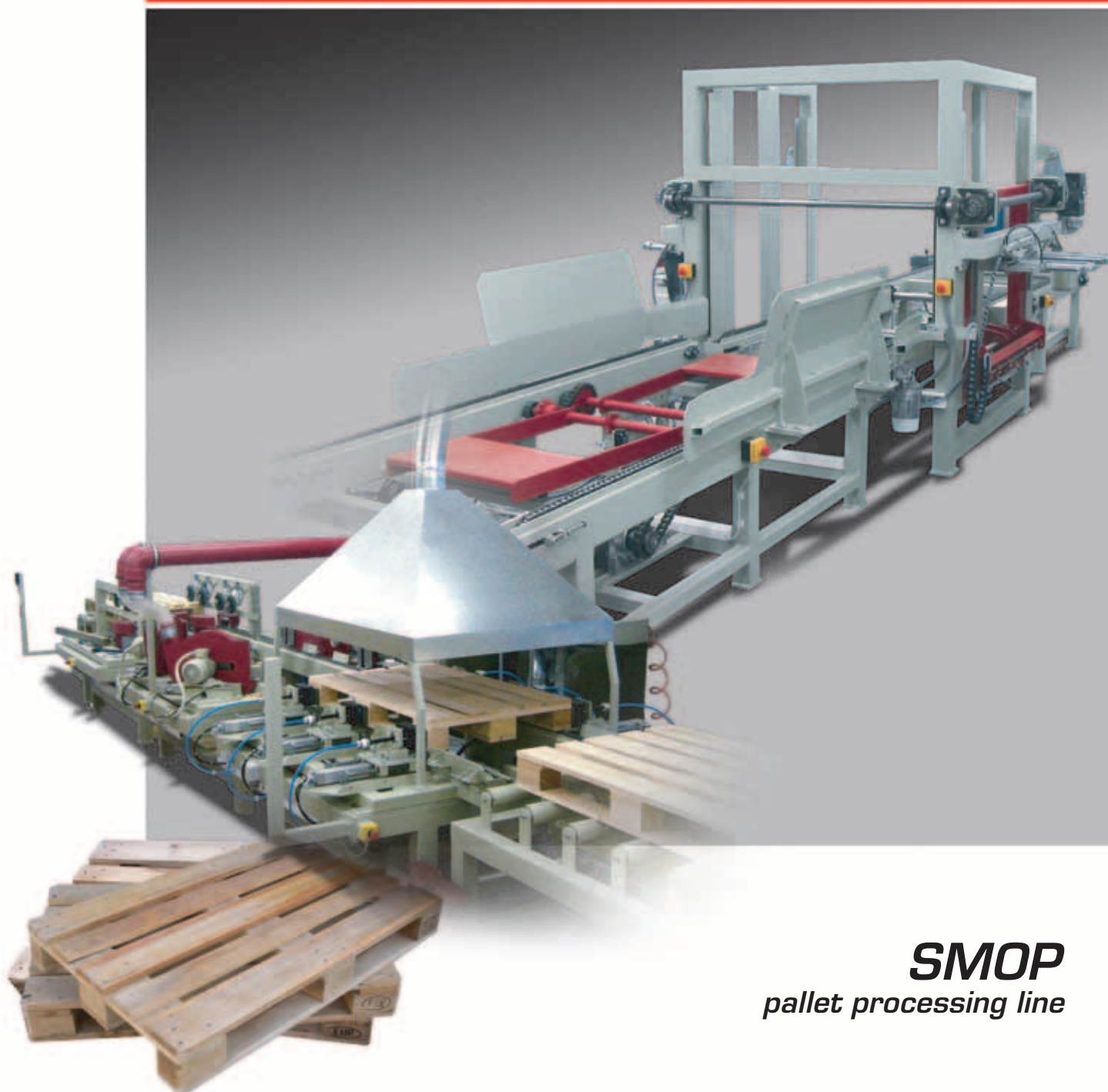




...when machines understand you



SMPS *pallet stacker*



SMOP
pallet processing line

SMOP Pallet Processing Line and SMPS Pallet Stacker

The SMOP line and the SMPS stacker are two fully automated machines designed for processing and stacking pallets. Both machines can work independently or they can work in a production line behind the SMPA 500. 1 ED nailing machine.

SMOP is designed for marking, cutting corners and milling edges on pallets with a width from 700 mm to 1,200 mm and with a length from 600 mm to 1,500 mm. The capacity of the line is 840 pallets per shift.

SMOP consists of 5 working units run in automatic mode

1. Powered input roller conveyor

- steel machine construction with powered steel rolls
- span of rolls of about 250 mm (for 600 mm long pallet)
- driven system with a manual placement of pallets or a fully automated mode for a placement of pallets from the nailing machine

2. Marking pallets with a branding device

- pneumatic pressing of the pallet to the construction
- pneumatic movement for marking
- electric resistance heating of punches (stamping)
- input power of the branding template 1.2 kW – total 7.2 kW
- regulated time switch for branding time from 3 to 20 s
- a hole with the diameter of 150 mm for the exhaustion of burnt gases

3. Cutting pallet corners

- 4 disk saws
- independent mobile motor units
- exhausting neck 4 x 100 mm
- input power of the unit 2.2 kW – total 8.8 kW

4. Continuous milling aggregate

- automatic pallet movement
- independent tilting motor units with copying milling equipment
- mechanical setting copying unit
- upper pressing wheels
- protection from back throw
- input power of the unit 1.1 kW – total 6.6 kW

5. Output roller conveyor

SMPS consists of 4 working units run in automatic mode

The SMPS stacking allows simple stacking or interlocking stacking (one pallet in another) with a width from 700 mm to 1,200 mm and a length from 600 mm to 1,500 mm.

1. Input conveyor with 90° rotation
2. Overturning equipment by 180° (for interlocking pallets)
3. Stacker
4. Output multi-plate conveyor with an optional length from 2 to 5 m

The machines fulfil strict requirements for work safety stipulated by respective EC standards.



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More information about SMOP and SMPS available at www.stoerimantel.cz

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