

base

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Single-sided drilling and dowel insertion machine

KOCH

New
Design

NEW

More flexibility

- ✓ Horizontal and vertical drilling station can be freely configured and retrofitted in grid 32 (max. 3 spindels)
- ✓ Intelligent clamping and machining of two different workpiece thicknesses simultaneously
- ✓ Clamping cylinder especially for narrow parts
- ✓ Dowel diameter 6, 8 and 10 mm possible
- ✓ Standard equipment with NC-controlled Z-axis
- ✓ Even extra long workpieces can be inserted and clamped

optimized ergonomic working

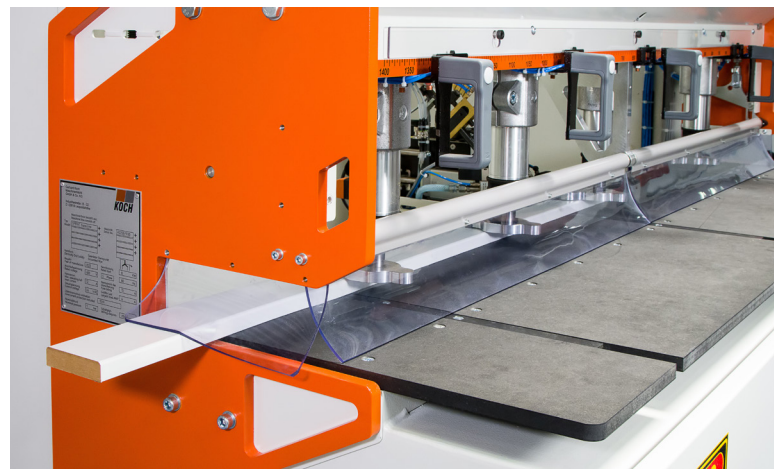
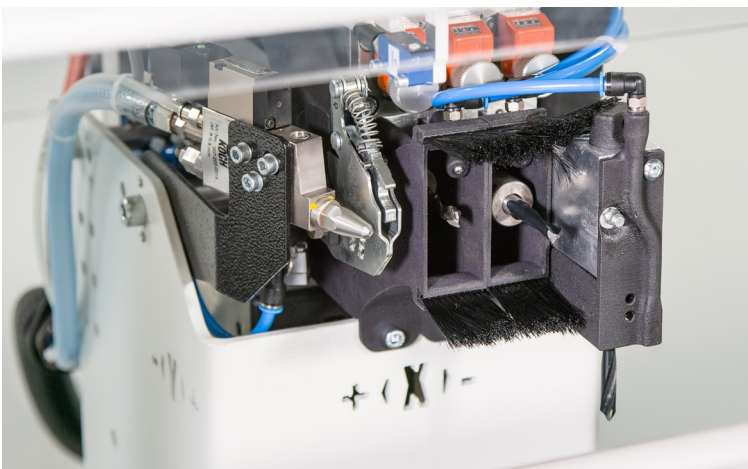
- ✓ Centrally placed 18.5" touch screen with Beckhoff control system
- ✓ Lower hopper conveyor for easy and safe dowel refilling

modern and compact design

- ✓ Side-mounted maintenance door
- ✓ Space-saving design for easy integration into production and reduced delivery costs

easy handling

- ✓ Simple, self-explanatory machine operation thanks to equipment with new KOCH user interface





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Overview of basic equipment

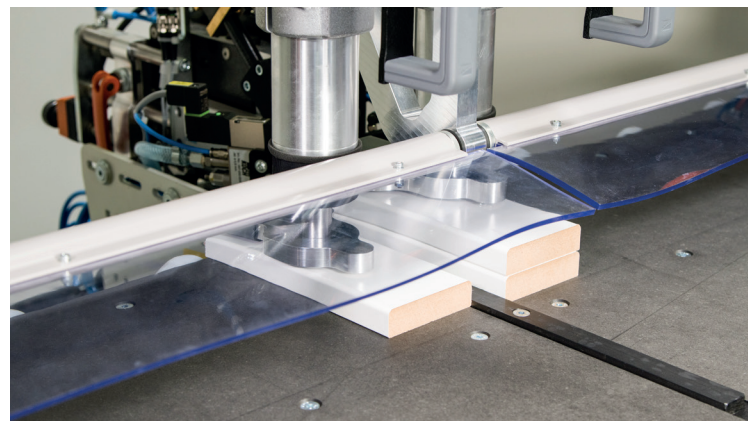
- ✓ 4 working fields
- ✓ Workpiece length 1,300 mm
- ✓ Horizontal drilling station with 1 drilling spindle
- ✓ Glue and dowel insertion station
- ✓ 2 NC axes (X & Z)
- ✓ KOCH WOP - parametric programming
- ✓ 3 pneumatic lowerable stops (center and side stops)
- ✓ Premium Remote Support - network card and module for remote maintenance
- ✓ USV - low voltage power supply

Options

- + Control cabinet with A/C unit
- + Vertical drilling station from top with 1 drilling spindle
- + Additional horizontal and vertical drilling spindles (max. 2)
- + Extension of dowel diameters (6 & 10 mm)
- + Electronic glue control ELC (patent granted)
- + Barcode reader
- + Automatic workpiece width detection

Accelerated production process and exact reproduction for

- Carcass furniture
- Drawers
- Frame parts
- Solid wood parts



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