



*inspired by
craftsmanship*

Versa

Compact drilling and milling machine
for window and door manufacturers



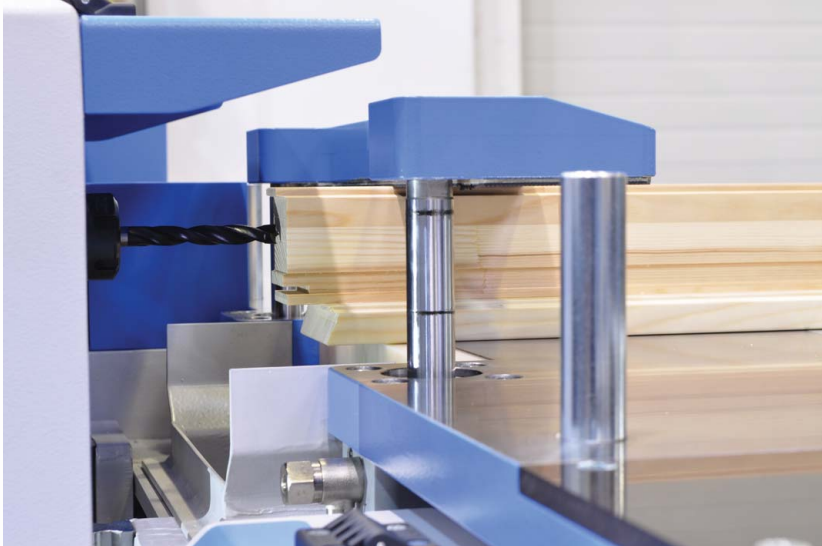
Versa

The machine allows you to drill holes for dowel connections or mortise slots. The lateral NC controlled working unit has 3-axis and allows drilling to any schema and mortising slots for tenons. Additionally, you can do door lock pocket milling, hinge seats, bevelled louver mortises and front rounding of tenons.

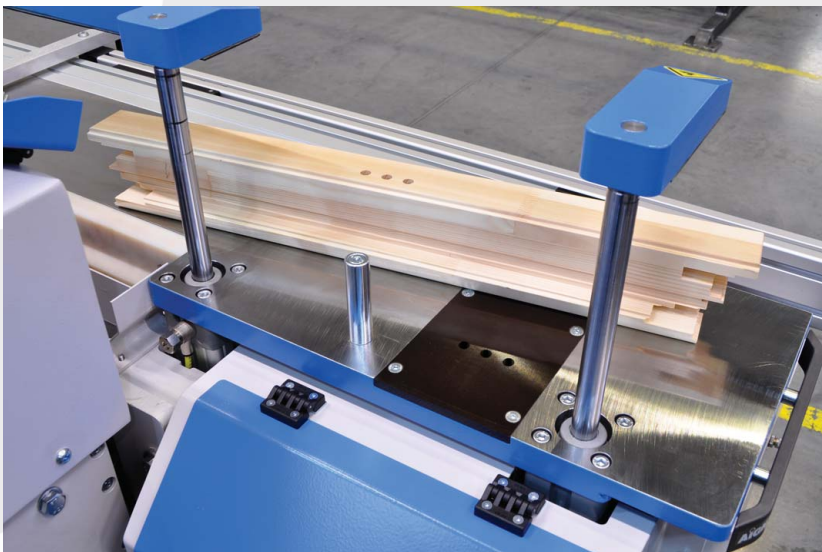




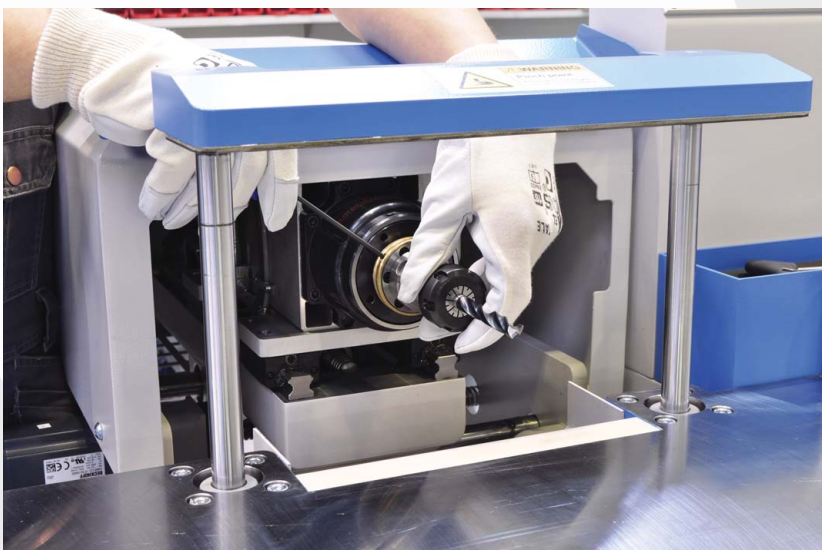
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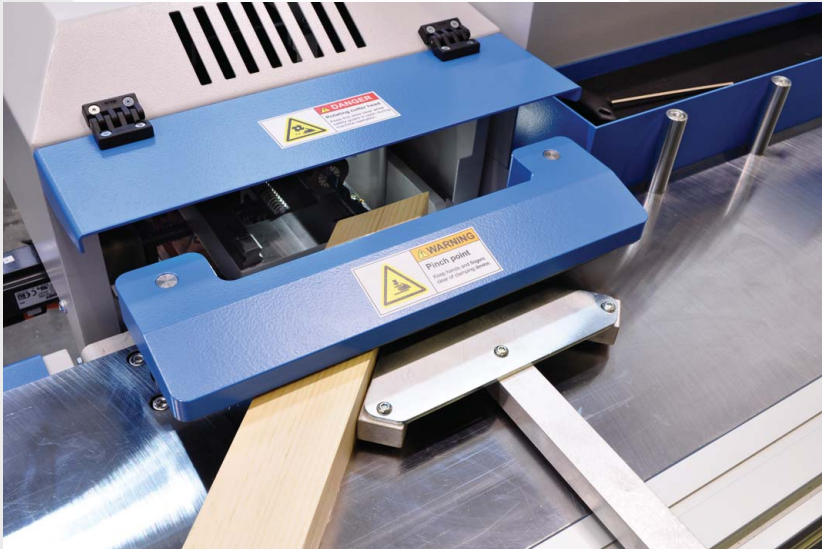
Working unit for head operations



Bottom drilling unit for handle and window hinges



Working unit with HSK 40A tool holder



Milling of bevelled slots and tenons



Longitudinal milling and drilling



Storage box for tools

Examples of processing

The machine is designed for standard operations in window and door manufacturing.

Mortised slots with rounded tenons



Head and longitudinal drilling for dowels



Holes for window handle, mortised for door lock cases, bevelled slots for louvres



Drilled window hinges



Door 3D and butt hinges

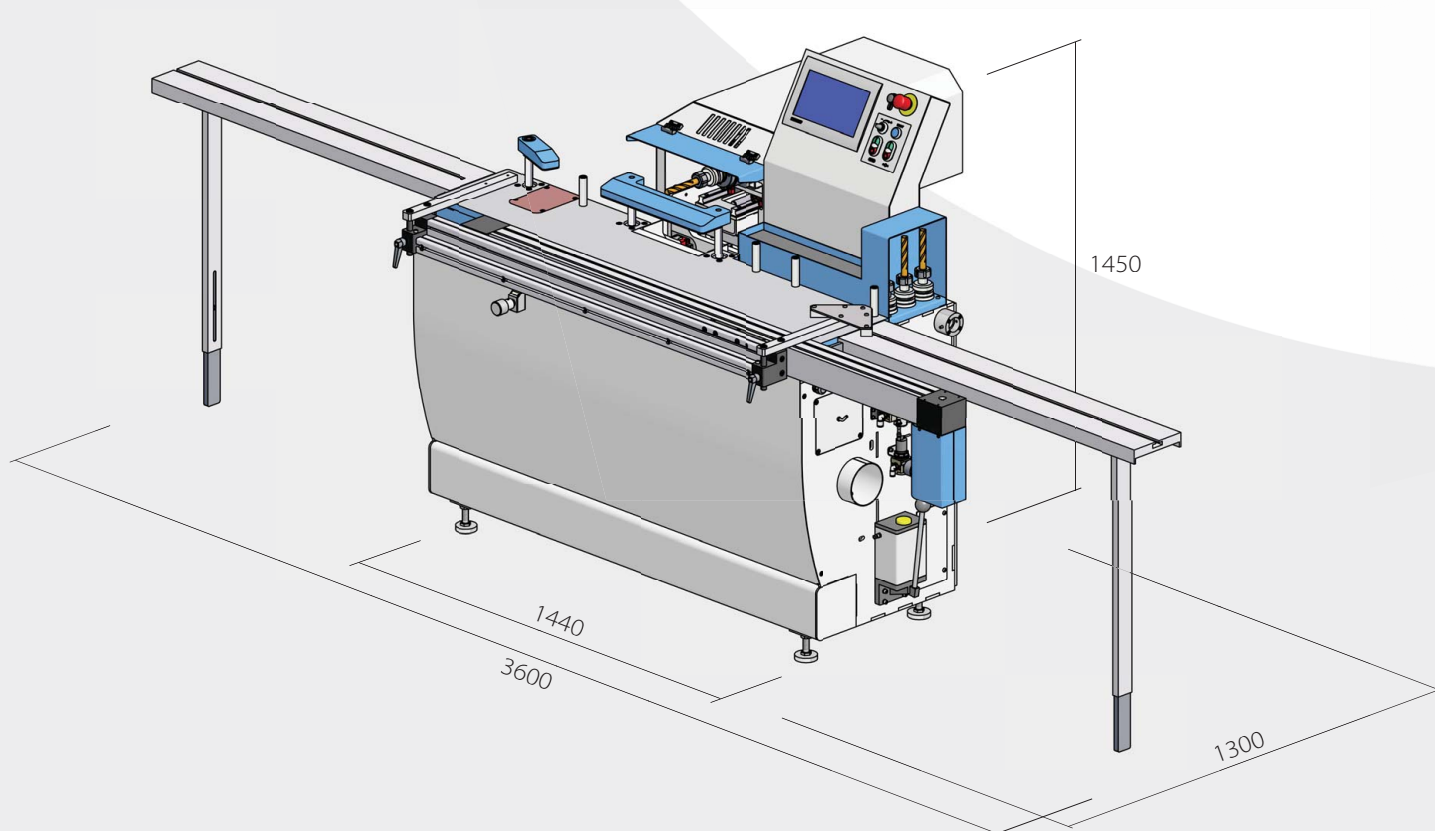


Intuitive control of the machine is provided by a Beckhoff PC with a 10" touch screen which uses data from WinCreator where all macros are defined. Construction joints, hinges and handle positions are derived from the window design dimensions. Another possibility is the direct insertion of macros on the element or using previously created templates that are stored in the library.

Control system is also open for third-party software packages.

Technical data

- motor 7,5 kW (10 HP); 0 - 18000 RPM;
HSK 40A for manual tool exchange
- max bits diameter 16 mm
- stroke in X axis 60-0-60 mm (90-0-90 mm)
- stroke in Z axis 0-120 mm
- stroke in Y axis 0-100 mm
- bottom working unit 1,5 Kw (2 HP)
with exchangeable head for:
 - handle 12-25-12 (12-12-12) mm; distance 21,5 mm
 - bowl hinge (optional acc. hardware model)
- electronic fence with two stops; stroke 1550 mm





SOUKUP, established in 1991 based in the Czech Republic, has always been in tune with its customers' requirements. The primary reason we started to build our own machines was that we were unable to find any machine on the market which could fully match the carpenter's way of thinking and doing things.

By taking a more in-depth look at our projects, you will see that there are many original approaches and solutions to various technical tasks all based on our extensive practical experience of producing woodworking machines.

We do not want our customers to simply be able to use the machines; more importantly, we want them to feel naturally involved as part of the overall process. We believe that the correct technological choices and subsequent implementation in conjunction with the needs of our customers are key factors in the success of their future production. We will be pleased to share our knowledge and experience with you.



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