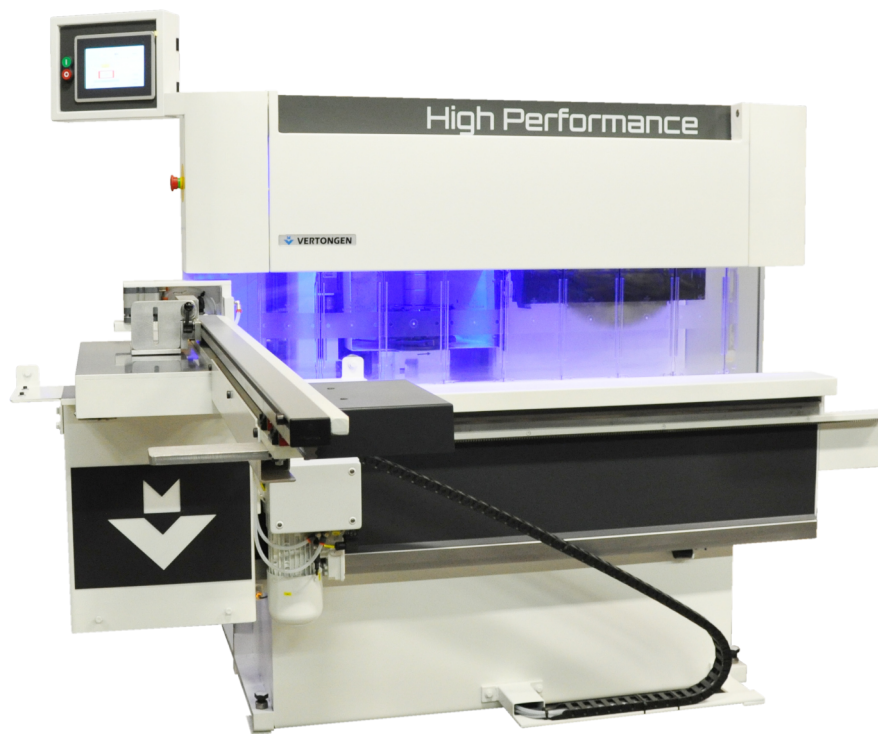
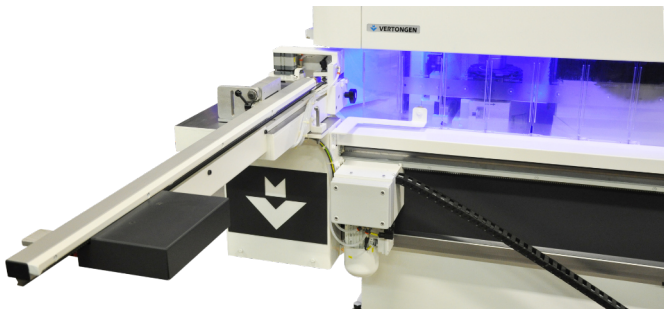


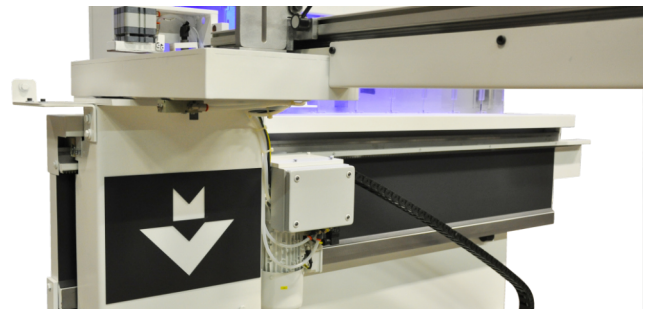
PENTHO COMPACT KITCHEN



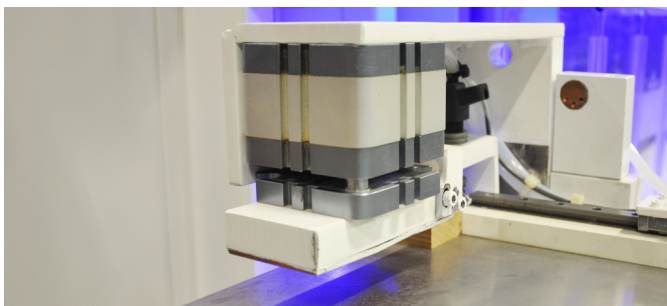
The Pentho Compact Kitchen is a fully CNC-controlled single-end tenoner with a cut-off saw and one vertical spindle. Many varieties of kitchen cabinet door profiles can be coped and sized without manual set-up between different profiles. The vertical spindle has a length of 300 mm, uniquely engineered for stacking tools. The table design enables the operator to work with two pieces at the same time. Combining the Pentho with the Profil Kitchen allows for the complete production of kitchen cabinet door frames.



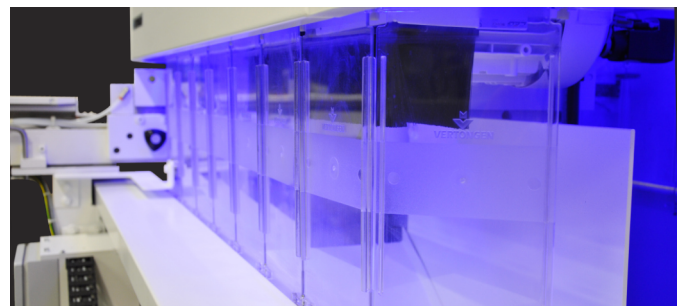
The automatic length fence allows the operator to size workpieces to length, and the large swiveling backstop allows for the sizing of two pieces at the same time.



The automatic table will adapt the speed based on the selected program and will change the speed for sawing, coping and traveling.



The integrated clamp detection will ensure that the piece is well secured.



The transparent safety-screen covers the entire machining area. Loading and unloading remain efficient and operator-friendly.

TECHNICAL DESCRIPTION

First Station:

Cut-off Saw

Motor:	2.2 kW (3HP)– 3000 RPM
Adjustment:	Horizontal 10-150 mm
Tool:	Noise reduced saw included – Ø 400 mm
Dust extraction:	80 mm diameter
Positioning:	cnc positioned

Second Station:

Vertical Spindle

Motor:	7.5 kW (10HP) – 7200 RPM@60Hz
Suspension:	Dove tail
Positioning:	Vertical cnc-positioned; horizontal pneum. On/Off
Turning direction:	Counter clockwise
Movement:	Vertical: -20mm - +270mm
Spindle:	300 mm with Prolock, Ø 50 mm
Tool Ø:	Min. Ø 160 mm; max. Ø 240 mm
Dust extraction:	Ø 150 mm

Table:

Construction:	Automatic table movement with vertical pneumatic clamp
Backing wood:	Clamp for straight backing wood
Length-fence:	Automatic with one large swiveling back stop Min. part length 4" max. 100" (limit digital fence)
Clamping height:	Min. 0.6" max. 1.25" with max. oversize: 0.004" / 0.1 mm
Clamping width:	Min.1.5" max. 9"
Table dimensions:	200 mm x 600 mm (useful)

Chassis

Safety specification:	CE
Dimensions:	1985mm x 2535mm x 1520mm (L x W x H) / Weight: 1200 kg (2650 lbs)
Total extraction:	1 x Ø 80 mm; 1 x Ø 150 mm

Controller

7" Touch screen at eye level
All motors are started via control panel
Memory for saving programs for easy call-up and repeatability
Programming via Teach-in command for creation of new profiles

Power / Electrics / Compressed air

400V 3 phase + Neutral + Ground / Amperage: 25A (@ 400V)
Transformer included with machine for customers voltage (230V, 460V or 480V)
Electrical cabinet CSA/UL-Certified
Compressed air 1000NL/min; 6 bar