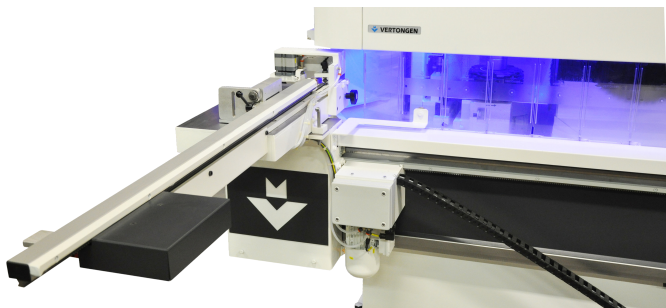
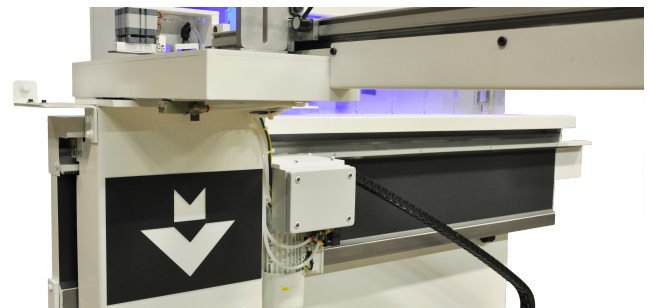


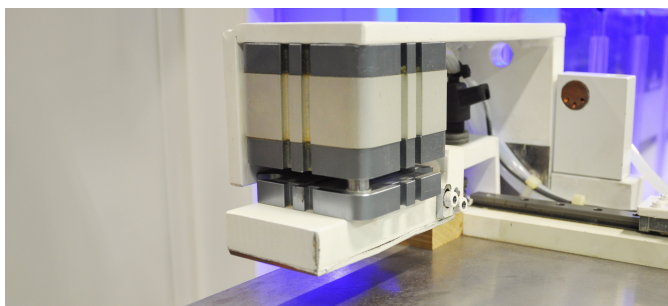
The Pentho Compact Kitchen is a fully cnc-controlled single-end tenoner with a cut-off saw and one vertical spindle. All kind of kitchen stiles and rails can be coped and sized without manual manipulation between different profiles. The vertical spindle has a length of 300 mm and can wear stacking tools. The way the table is build the operator can work with 2 pieces at the same time. The Pentho can be combined with the Profil Kitchen in order to become a complete production line.



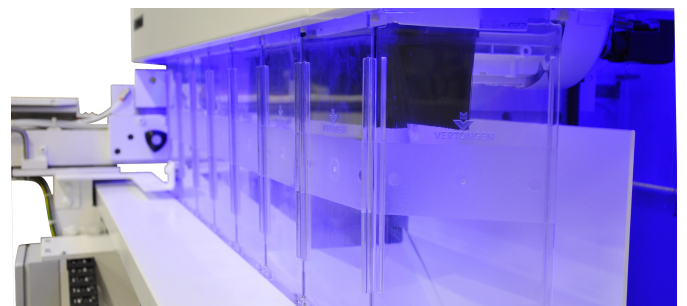
The automatic length fence allows the operator to size the work pieces to length, the large swiveling backstop allows to size 2 pieces at the same time.



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 check if the piece is well clamped.



The transparent safety-screen covers the complete machine. Loading and unloading still remains easy.

TECHNICAL DESCRIPTION

General

7" touch panel:	For the operation of the machine. Starting of all motors by the panel
Security:	CE; electrical cabinet CSA / UL
Dimensions:	L 2210 x W 2500 x H 1630 mm
Total Extraction:	1 x Ø 80 mm; 1 x Ø 150 mm

Table

Table Mounting:	Vertically attached; extra solid.
Movement:	Automatic table with adaptive cycle
Table:	Fixed in height, swivelling not possible
Backing Wood:	Clamp for straight backing wood
Clamps :	Vertical pneumatic clamp
Clamping Height:	Min.0,6 inch; Max. 1,25 inch
Clamping Width:	Min.1,5 inch; Max. 9 inch
Length Fence:	2.4 m automatic length-fence and one large swivelling back stop
Part Length:	Min. 4 inch; Max. 100 inch (limit automatic fence)
Cleaning:	Compressed air system
Dimensions:	200 mm x 600 mm

Cut off Saw

Motor:	2,2 kW
RPM:	3000
Adjustment:	Hor. 10 - 150 mm
Tool:	Noise reduced saw included - Ø 400 mm.
Extraction:	Ø 80 mm.
Positioning:	cnc positioned

Vertical spindle

Motor :	7,5 kW
RPM:	7200 @ 60Hz
Suspension:	Dove tail.
Positioning:	Vertical cnc positioned. Horizontal pneumatic On/Of.
Turning direction:	Counter clockwise
Movement:	Vertical -20 mm / +270 mm
Spindle:	300 mm with Prolock, Ø 50 mm
Tool Ø :	Min. Ø 160 mm; Max. Ø 240 mm
Extraction:	Ø 150 mm

Work piece limits

Part length:	Minimum 4 inch and Maximum 100 inch (limit automatic fence)
Part Height:	Minimum 0,6 inch and Maximum 1,25 inch
Part Width:	Minimum 1,5 inch and Maximum 9 inch