ROGIERS
LEADING MACHINES. ULTIMATE SERVICE.

Pecker 2

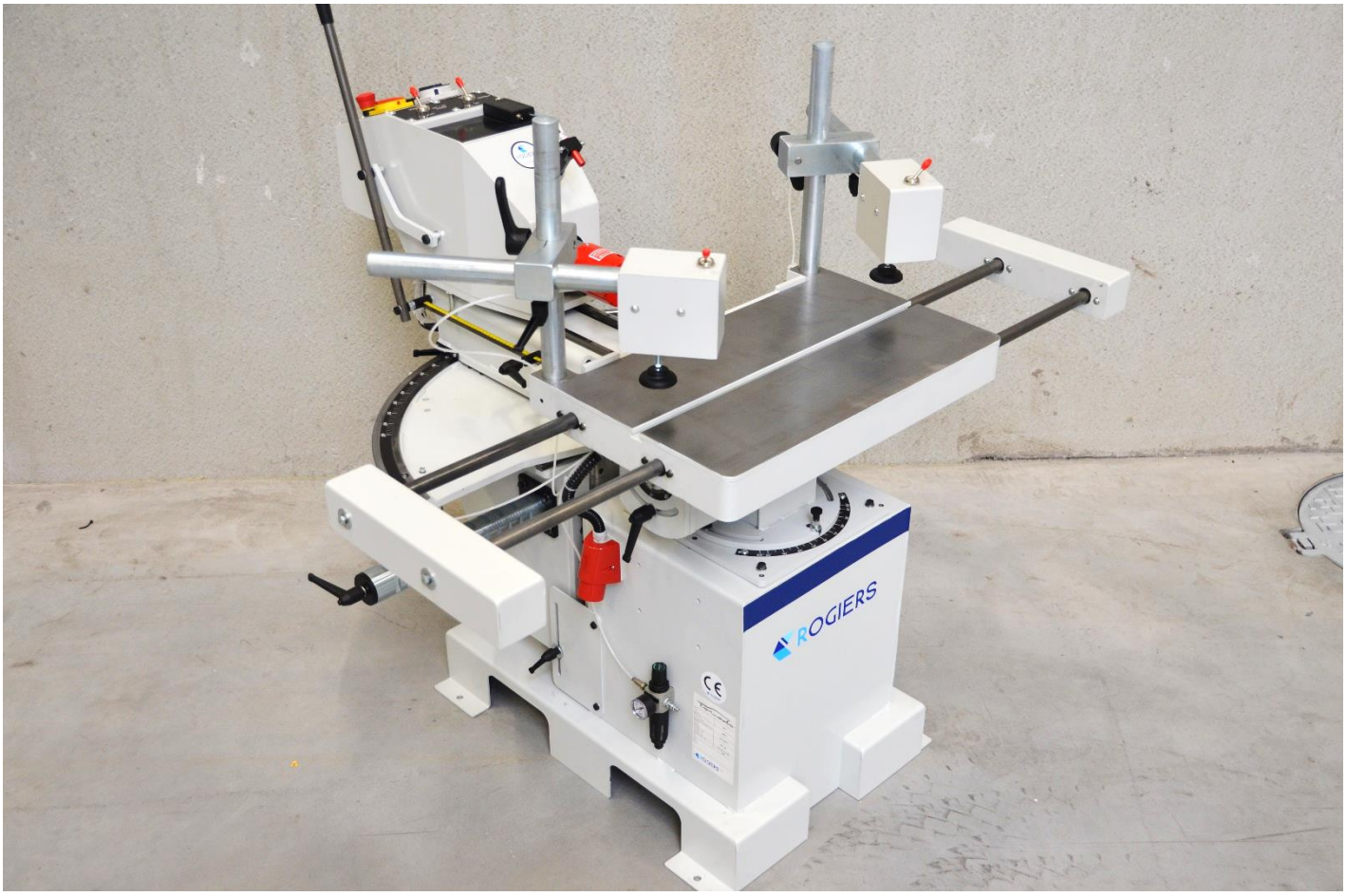
Slot boring machine



Tornado

Unique in quality and service

WOOD ALU & PVC ADVANCED MATERIALS FINISHING DUST EXTRACTION

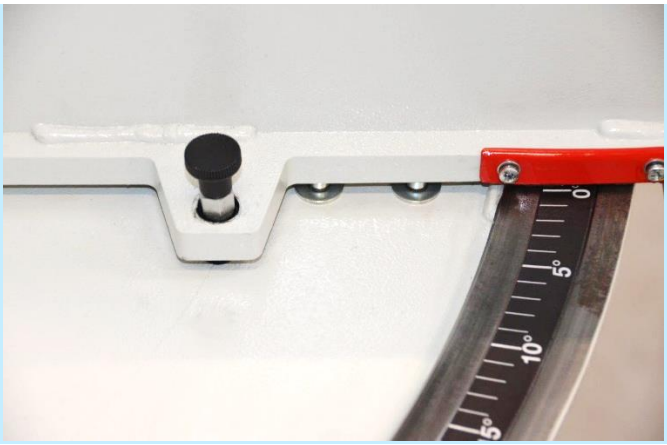


Belgian concept. The PECKER versions stand for top quality.
These are the heaviest and most complete drilling machines available in Europe.
The standard PECKER 2 is already a complete machine.

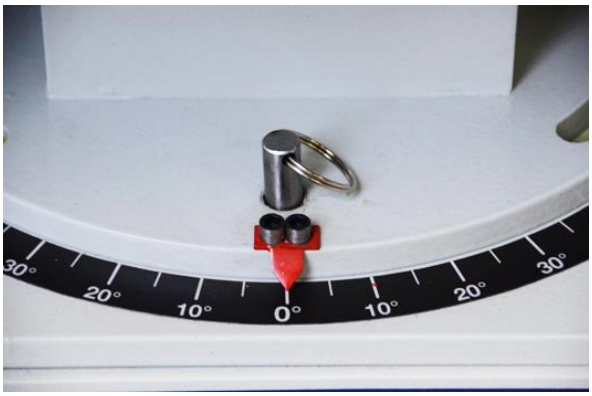


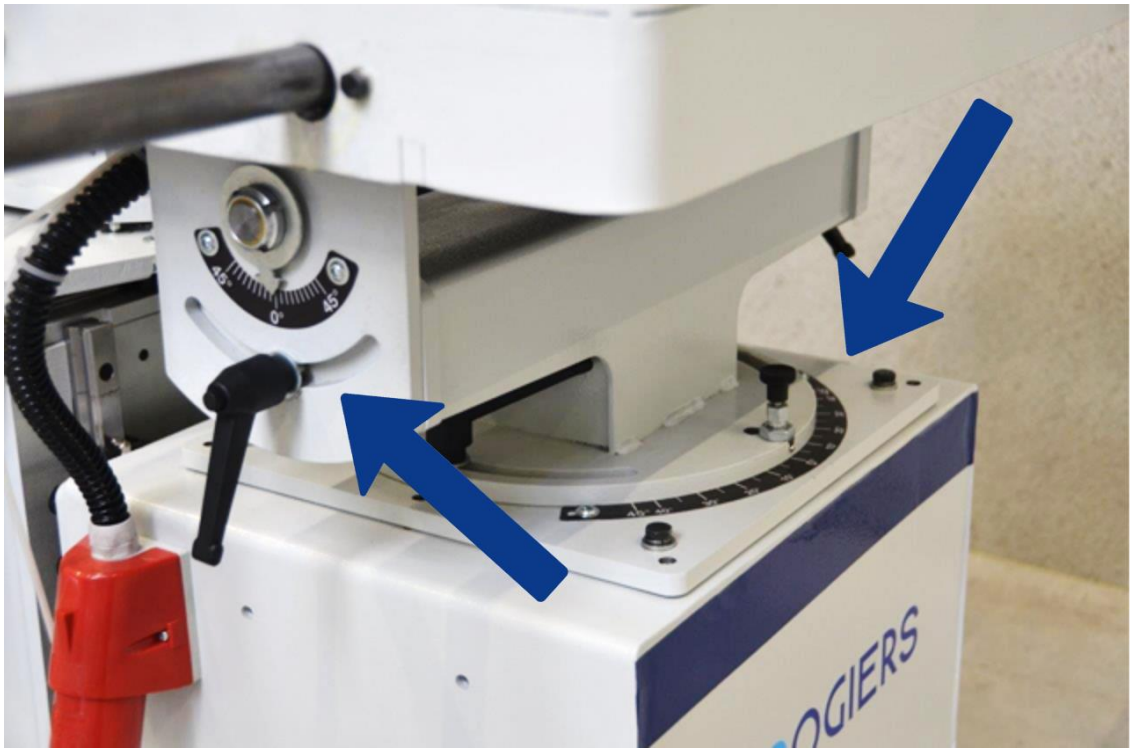
Pivotable drilling group

The drilling group can turn to the left and to the right, up to 65 degrees.



Adjustment pin
In order to place the drilling group perfectly under 90 degrees, an adjustment pin has been provided.





All PECKER versions have the same table that can rotate to the left and right. The standard tabletop is in XXL version (700 x 400 mm) and the tabletop has a working height of 930 mm.

The table can also tilt forward and backwards. There is an adjustment pin to fix the table exactly in horizontal position. A second adjustment pin fixes the rotating table exactly on 90 degrees.





Control panel

The controls and switch are embedded in the motor protection.

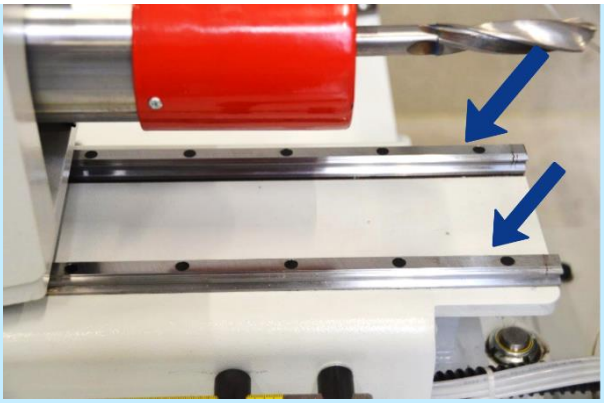
Pinning + blocking cylinder + drilling engine + speed choice + laser.

These elements are adapted to the chosen options.

Sico counter

The height of the drilling head is set with a hand wheel with diameter 200 mm. You can set the height exactly through this numerical digital counter with readout up to 0.1 mm.

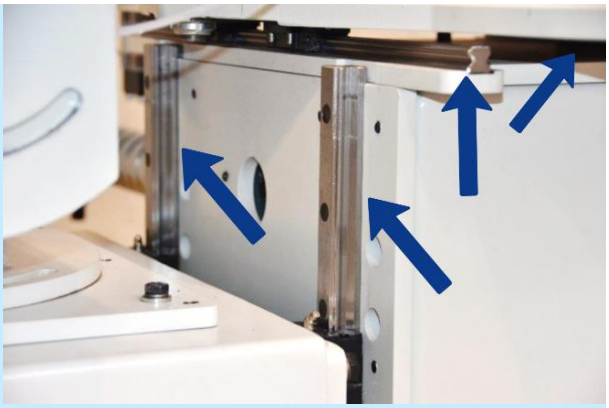




Linear THK guide rails

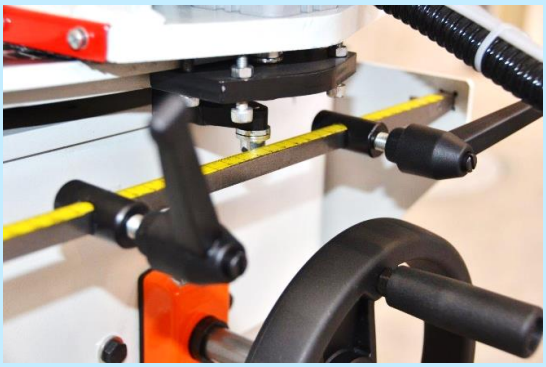
The drilling head moves axially through 2 linear guide rails. The total course amounts to 330 mm. The drilling group also moves radially through 2 linear guide rails and with a course of 310 mm.

The height of the drilling group is also set through 2 linear guide rails and with a course of 173 mm. These are the best and most precise guide rails available.



Meter scales

The radial movement of the drilling head is 345 mm. The course of the drill can be set through 2 position stops and a meter scale. There is also a meter scale and position stop for the setting of the drilling depth.





Complete protection of the drilling head

The machine contains a Westcott drilling head, adjustable for tool fixture up to a diameter of 20 mm.





2 openings in the frame

These openings are used to move the machine easily with a palette cart.





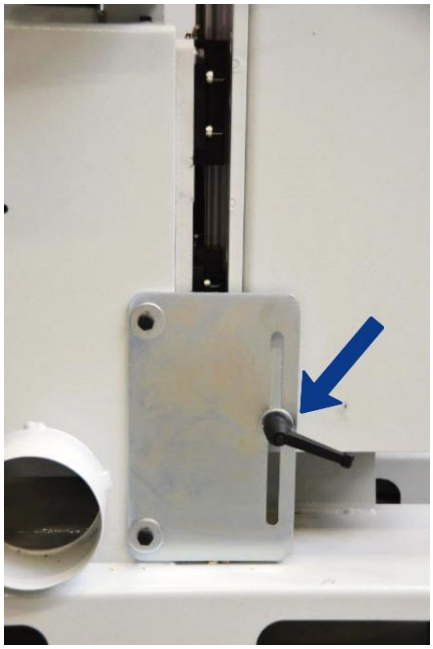
Standard equipment

A CEE plug of 16 amp. is provided for the electrical connection.

The machine contains a compressed air release with pressure gauge. This release has to be provided when you choose pneumatic options.

Double blocking of height setting

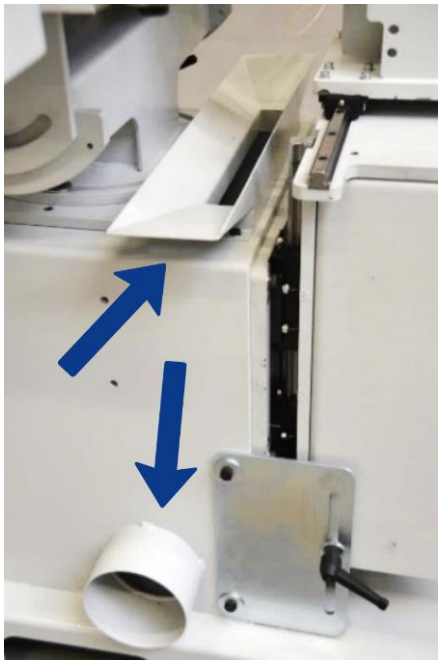
On both sides of the machine is a lever to clamp the height of the drilling group.

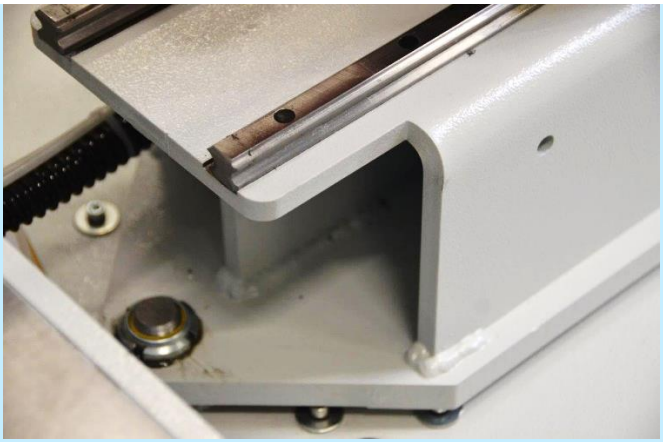


Dust extraction connection

At the back of the table is a conic funnel of 530 x 100 mm to catch the drilling dust.

The connection with diameter 120 mm is embedded in the frame.



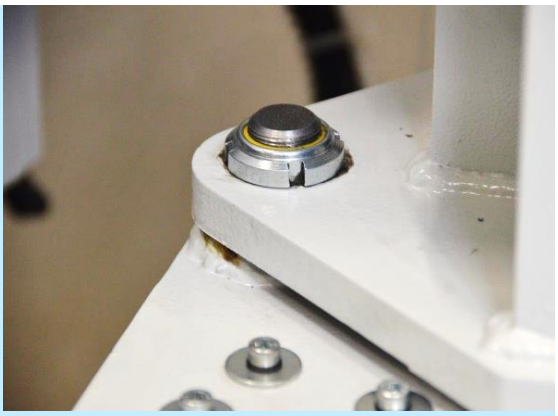


Machine frame

The construction is made of a steel plate of 10 and 15 mm thick.

Rotation drilling group with fixed zero point

When rotating the drilling group, the drill always remains in the same place opposite the pivot point, which is in line with the zero point of the wood.





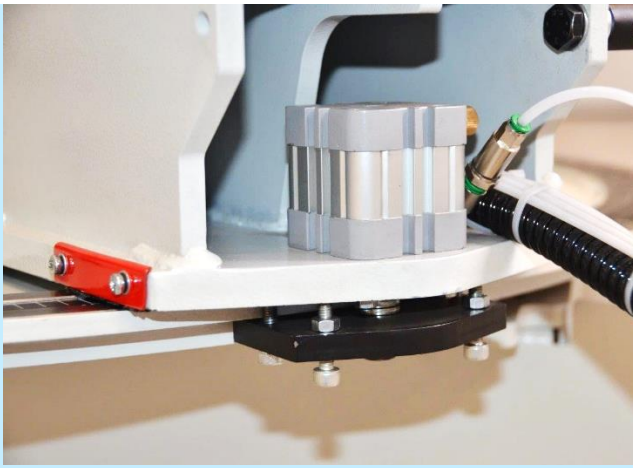


This machine can drill holes under any angle.

OPTIONS

Pneumatic clamping on the rotation drilling group

It is blocked with a fastener with pneumatic activation.





Pneumatic blocking

With this switch you can fix the pivoting of the drilling group.

Control on low voltage

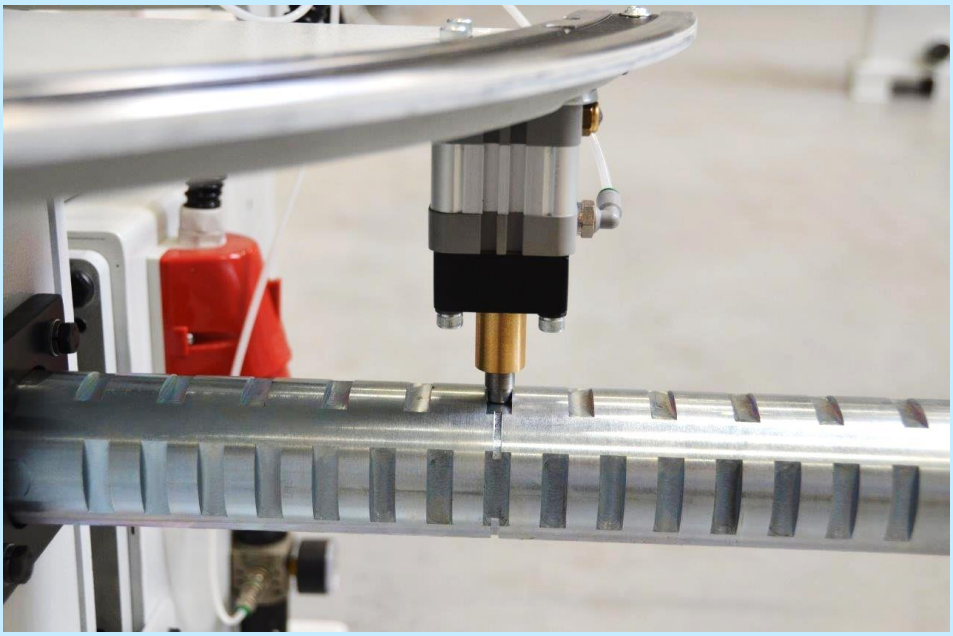
By default, this industrial solution is equipped with

- A separate three-phase main switch
- A start-stop switch drilling group with tell-tale
- A selector switch with 2 speed options: 1400 + 2800 rpm
- Emergency stop button red/yellow, to be rearmed after use



MULTI DRILLING SYSTEM

- Slot boring system with 4 adjustable distance grids of 16/22/25 and 32 mm.
- Number: 21 pieces on 16 mm + 15 pieces on 22 mm + 13 pieces on 25 mm + 11 pieces on 32 mm.
- Perfect for the construction of windows, doors, gates and special constructions.
- Pneumatic system: the pinning is controlled pneumatically with the green button embedded in the grip. The pin is conic and without play to drill precisely.
- Mechanical system: the pinning is controlled manually with a cable system on the lever.



Pinning

With this switch you can activate and deactivate the slot boring system. With the green button in the lever you can pull up the pin to set a new fixed front distance. The slot boring system is quick and flexible and can be used without releasing the lever.





Central table position stop

This position stop is standard and necessary with the slot boring system.



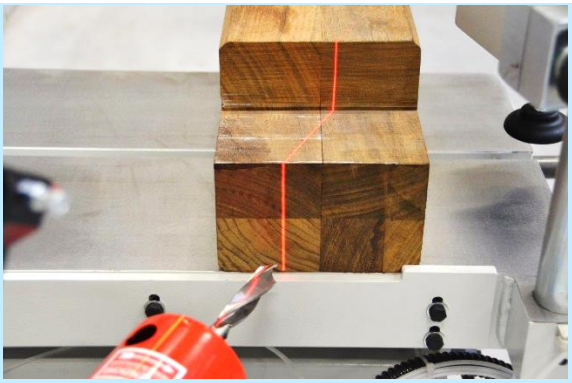
Telescopic extensions on the drilling table

The drilling table is equipped with 2 telescopic extendable extra supports. These can extend up to 400 mm and give the table a total length of 1570 mm.









Industrial laser

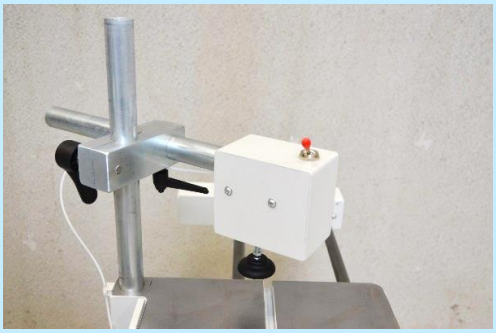
You can activate this laser with a switch on the control panel.

The PECKER 2 can be equipped with 1 or 2 powerful pneumatic pressing systems.

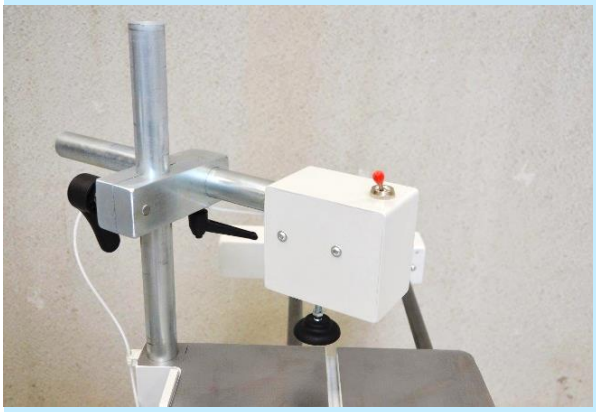
The maximum tension height is 300 mm.

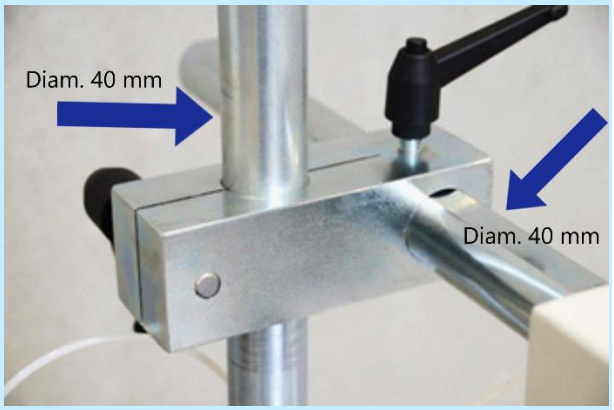
The pressing systems can extend axially up to 400 mm.





Each pressing system can be controlled separately with a lever on top.

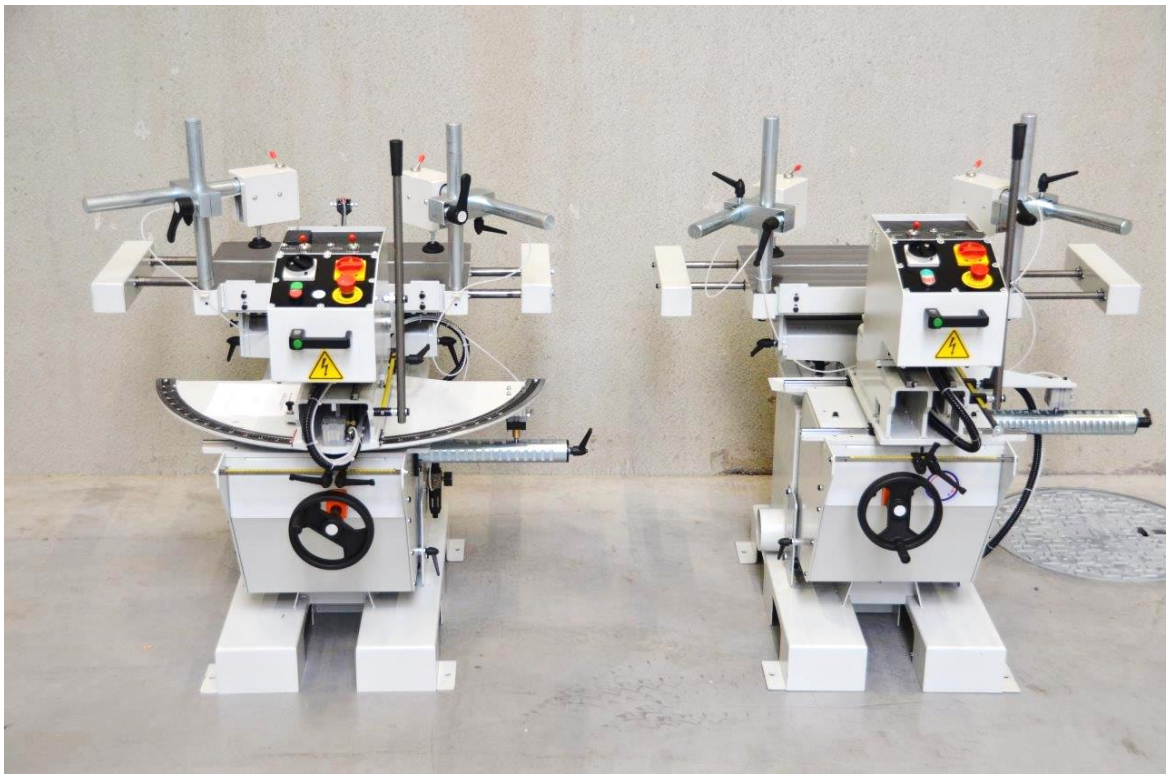




The spindles of the tensioners are the strongest on the market and have a diameter of 40 mm.



PECKER 2	PECKER 1



PECKER 2	PECKER 1

Europe's most complete industrial slot boring machine

By default equipped with:

- Mobile drilling group
- Rotating table -45/+45 degrees with blocking pin on 90 degrees
- Tiltable table -45/+45 degrees with blocking pin on 90 degrees (tilts forward and backwards)
- Drilling group swiveling left and right up to 65 degrees with blocking pin on 90 degrees
- Start-stop module with emergency stop and overload security and minimum/maximum coil
- Mechanical clamping system on the swivelling of the drilling group: perfect for intermediate angles
- Mechanical tensioner
- Linear guide rails on the height setting + axial movement of the drilling group + radial movement of the drilling group
- Manual height setting of the drilling group with mechanical-digital sico readout of 0.1 mm
- Adjustable Westcott drilling head of 0/20 mm
- Maximum tension thickness under the piece clamp is 300 mm up to 400 mm
- 1 mechanical piece tensioner with steel spindles with a diameter of 40 mm
- XXL drilling table with dimensions 700 x 400 mm
- Equipped with a CEE plug for the connection to the net
- Embedded dust extraction funnel with connection diameter 120 mm
- Protective guard on the drilling guard CE
    - The drilling head stops within 10 seconds in accordance with CE
- Engine 2 HP/1.5 kW + 2800 rpm
- Working height of the tabletop is 930 mm
- Weight ca. 450 kg

Optionally available:

- Control on low voltage with separate switches
    - Separate switch with push buttons and tell-tale for the start-stop function
    - Separate selector switch for the low (1400) and high (2800) speed of the drilling head
    - Separate three-phase lockable main switch
    - Separate emergency stop button red/yellow, to be rearmed after use
    - Control on low voltage and power box in accordance with CE
- Telescopic table extension left and right 400 mm and extends the table up to 1560 mm
- 2 engine speed options: 2800 rpm for drilling up to 14 mm and 1400 rpm for drilling from 16 to 25 mm
- Industrial laser: this indicates de place and direction in which the drill will enter the wood
- Pneumatic multi drilling system with grid 16-22-25-32 mm + zero stop
    - The multi drilling system is pinned with a push button in the control grip
    - Through an on-off switch you can deactivate the multi drilling system for normal drilling work, perfect for slots
    - Equipped with a pressure controller and water trap with compressed air connection
- Pneumatic pressing system as replacement of the standard manual pressing system
- Extra pneumatic pressing system with spindle diameter of 40 mm and tension height 300 mm
- Extra manual pressing system with spindle diameter 40 mm and tension height 300 mm
- Extra long and strong piece support left + right for drilling of stairs extra 1400 mm
- Mechanical slot boring system with grid 16-22-25-32 mm + zero stop
- Length position stop on the drilling table
- Table extension, perfect for drilling long pieces on the head
- Engine 2.2 kW with 1 speed option of 2800 rpm

- Brake motor
- Monophase engine with 1 speed option
- Inverter control on the engine with variable speed of 800/3600 rpm
- Dead man's switch (the machine only works if the safety switch of both levers is pressed)
- Mitre gauge
- Special drilling head key with coil, cannot get stuck on the drilling head
- Electronical-digital readout of the height setting of the drilling group

TECHNICAL DATA

		PECKER 2
Movement on the X axis	mm	160-0-160
Movement on the Y axis	mm	345
Movement on the Z axis	mm	173
Table height	Mm	930
Maximum clamping height	mm	300
Axial movement of the clamp	mm	400
Diameter of the clamp spindle	mm	40
Clamping system		1 mechanical
Spindle speed	rpm	2800
Engine	kW	1.5
Worktable dimensions	mm	700 x 400
Worktable tilting	°	-45/+45
Worktable rotation	°	-45/+45
Drilling head rotation	°	-65/+65
Blocking on the rotation of the drilling head -65+65		Mechanical
WESTCOTT drilling head	mm	0-20
Total table length with optional table extensions 400+400	mm	1570

Dust extraction	mm	120
Machine dimensions	mm	1050 x 1400 x 1450
Machine weight	kg	445
Mechanical counter height setting		Sico 0.1 mm
Ball bearing guides hardened steel THK On all drilling head movements X/Y/Z		YES
Multiple slot boring systems		Option, 16/22/25/32
Control on low voltage with separate switches		Option
Pneumatic tensioner 1 or 2		Option
Extra mechanical tensioner		Option

This documentation is for educational purposes only and non-binding.
For the up-to-date technical data, please contact the person responsible for your region.

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WOOD ALU & PVC ADVANCED MATERIALS FINISHING DUST EXTRACTION