ROGIERS
LEADING MACHINES. ULTIMATE SERVICE.

# Pecker 1

## Slot boring machine



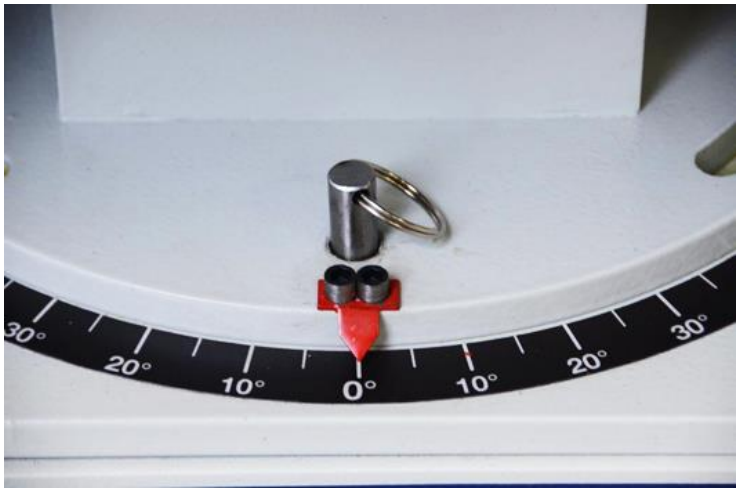
Tornado

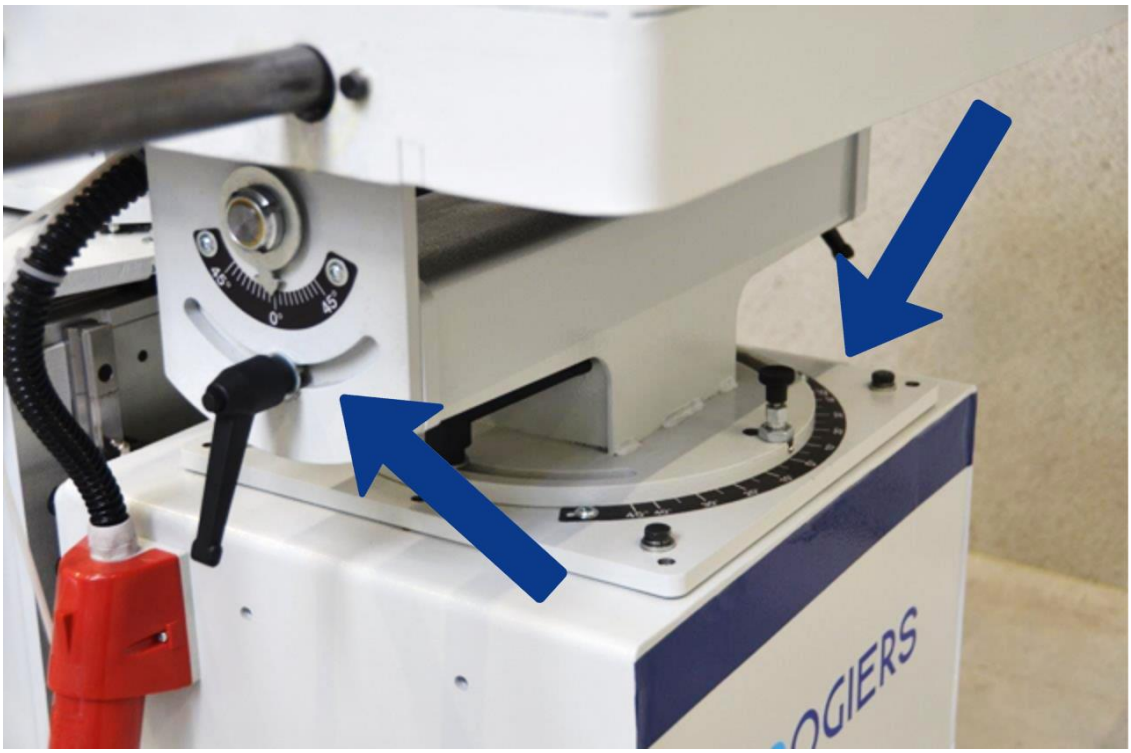
Unique in quality and service

WOOD ALU & PVC ADVANCED MATERIALS FINISHING DUST EXTRACTION


ROGIERS

***Belgian concept. The PECKER versions stand for top quality.***
***These are the heaviest and most complete drilling machines available in Europe.***
***The standard PECKER 1 is already a complete machine, with which you can order any possible options as supplement to obtain a customized machine.***




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**

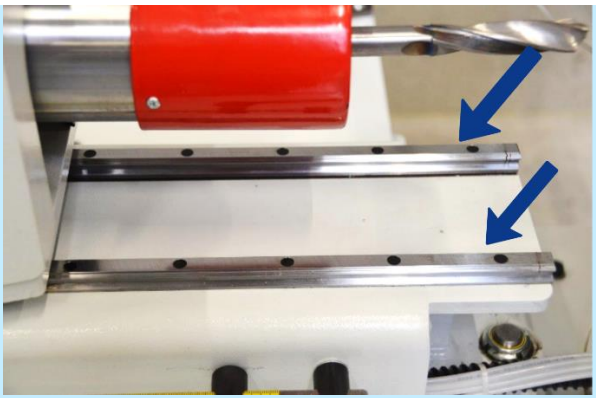
The controls and switch are embedded in the motor protection.

Start-stop of the drilling engine + choice of speed of the switch 1400 or 2800 rpm + emergency stop

**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.

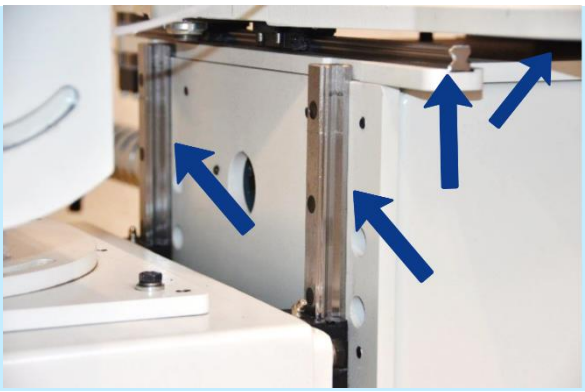




**Linear THK guide rails**

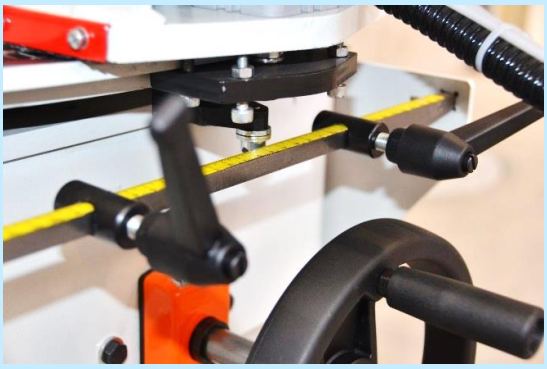
The drilling head moves axially through 2 linear guide rails. The total course amounts to 330 mm. The drilling group also moves radially through 2 linear guide rails and with a course of 310 mm.

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.

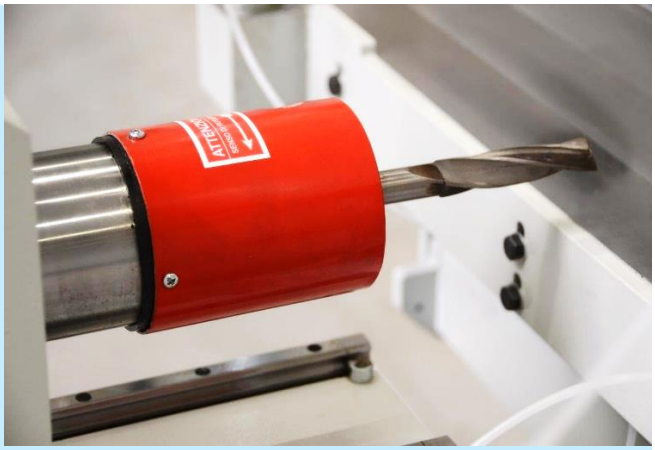




**Complete protection of the drilling head**

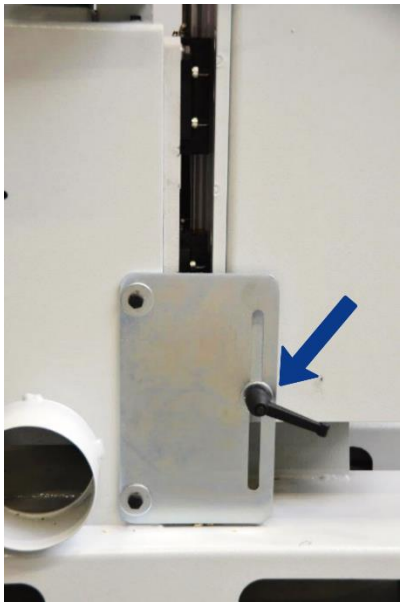
The machine contains a Westcott drilling head, adjustable for tool fixture up to a diameter of 20 mm.





**Double blocking of height setting**

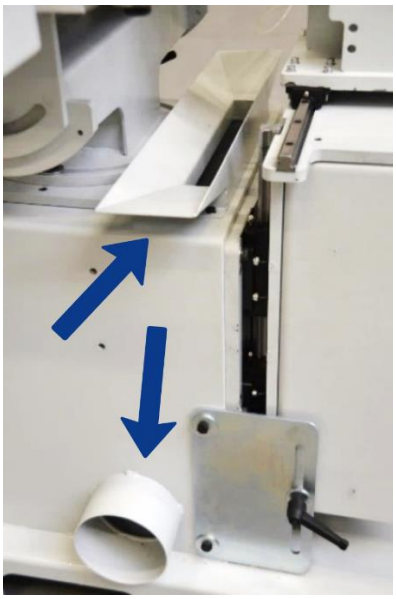
On both sides of the machine is a lever to clamp the height of the drilling group.

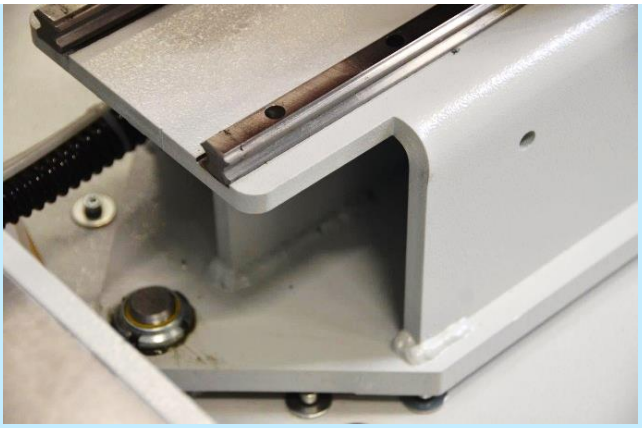


**Dust extraction connection**

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

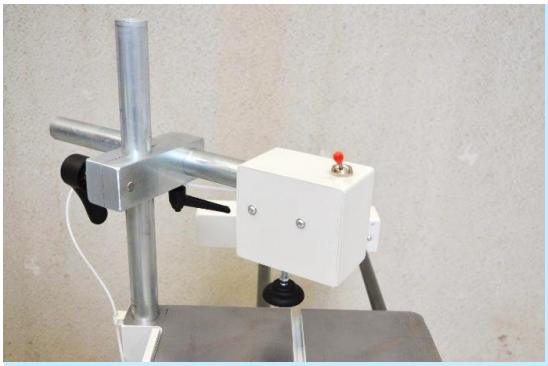
The connection is embedded in the frame with a connection with diameter 120 mm.

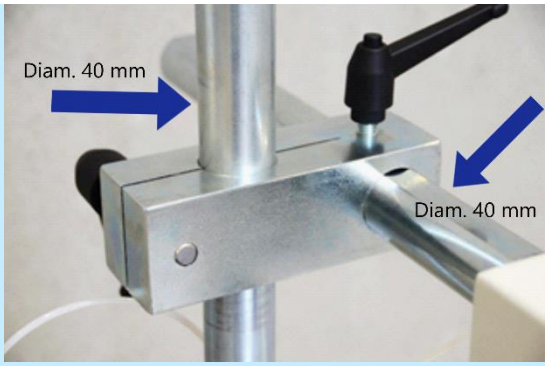




**Machine frame**

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






By default, the machine is equipped with 1 mechanical tensioner.
Optionally you can choose an extra tensioner or 1 or 2 pneumatic pressing systems.
The shafts of the pneumatic tensioners are the strongest on the market and have a diameter of 40 mm.

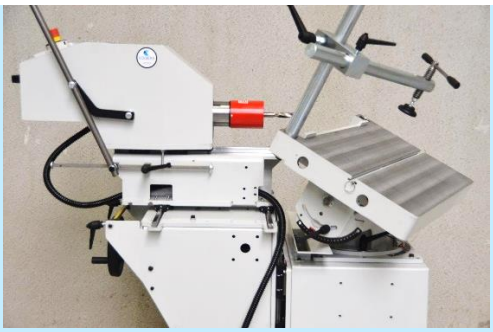
**2 openings in the frame**
These openings are used to move the machine easily with a palette cart.



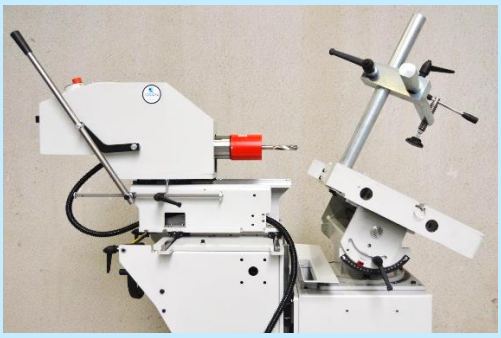


**Standard equipment**

- Mechanical digital counter for readout of the height setting of the drilling group
- Engine with 1 speed: 2800 rpm + 1.5 kW
- A CEE plug of 16 amp. is provided for the electrical connection
- The tabletop rotates to the left and right and can tilt forward and backwards
- By default it has 1 mechanical tensioner with a shaft of 40 mm and tension height of 300 mm
- Embedded dust funnel with connection of 120 mm







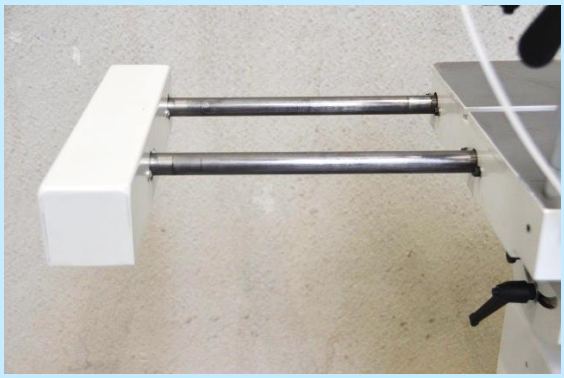
This machine can drill holes under any angle.

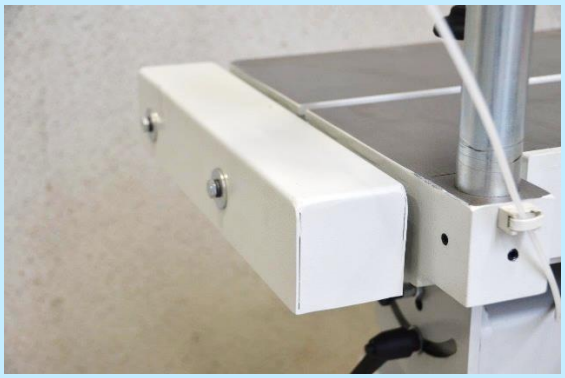




# OPTIONS





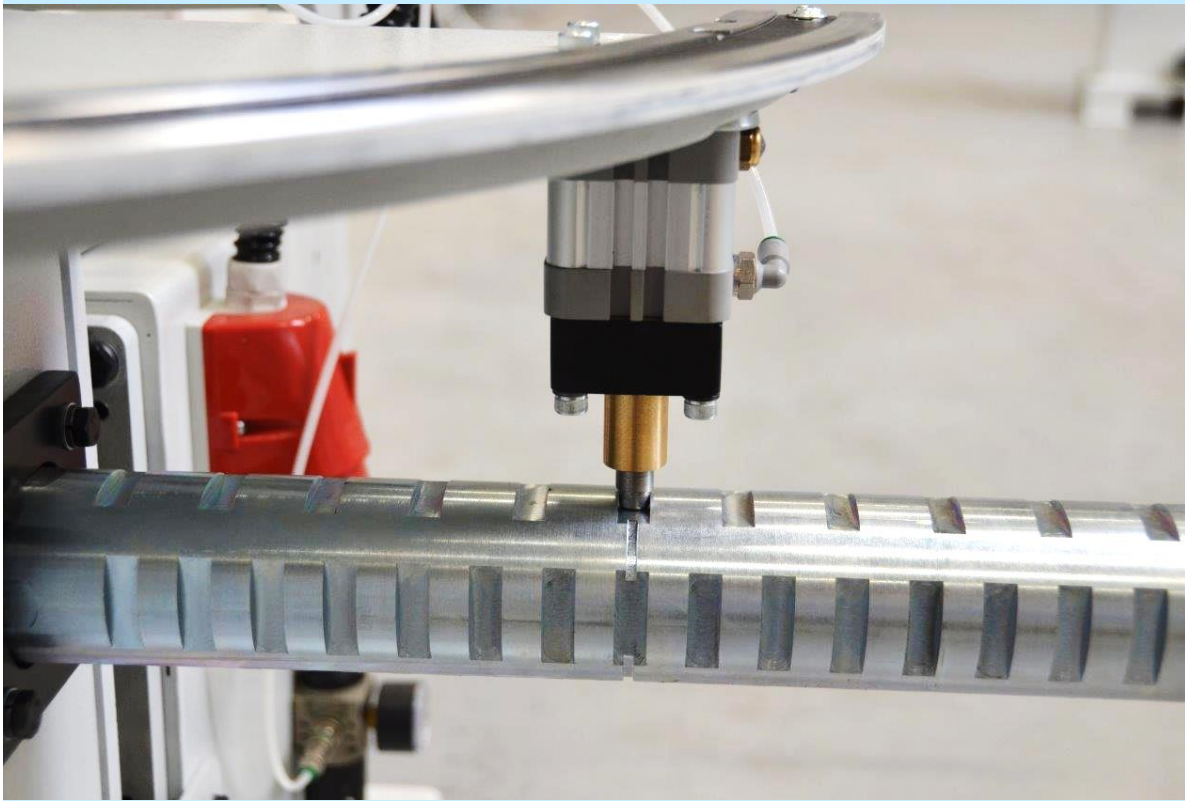


**Telescopic extensions on the drilling table**

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.

**MULTI DRILLING SYSTEM**

- Dowel driling 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 grip.

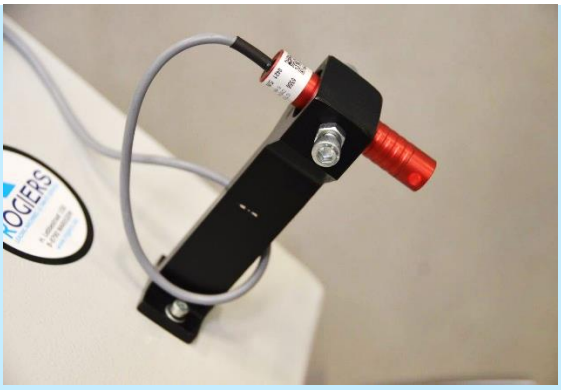


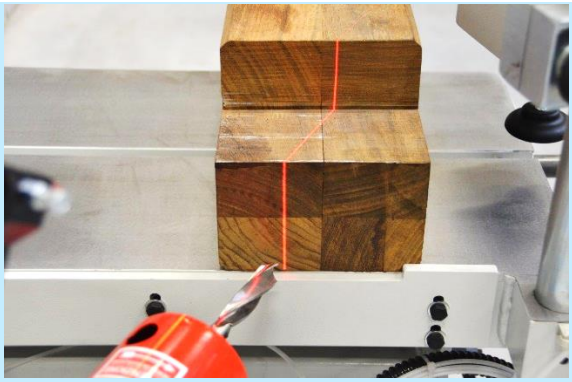
**Control on low voltage**

By default, this industrial solution is equipped with

- A separate three-phase main switch
- A start-stop switch for the 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



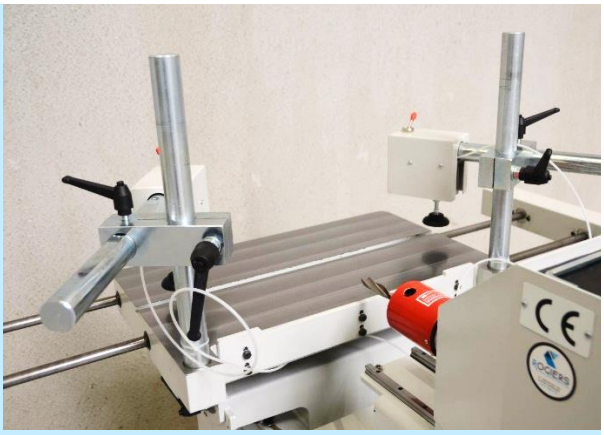
**Industrial laser**

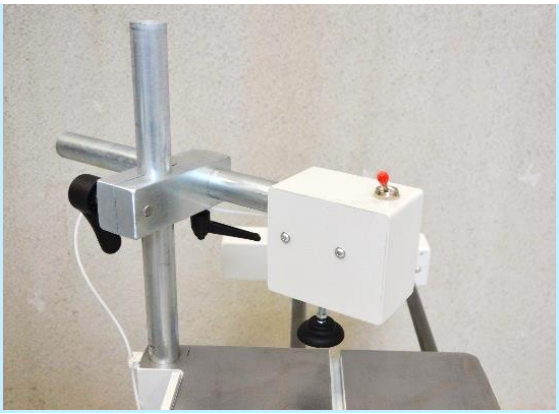
You can activate this laser with a switch on the control panel.

1 or 2 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.

# EXTRA OPTIONS

- Extra mechanical tensioner
- A steplessly variable rotational speed with HZ control of 800-3600 rpm
- A safety drilling head key that cannot stick on the drilling head
- Brake motor
- Monophase motor of 220 volt
- Table extension with support arm for stairs 1400 mm left + 1400 mm right
- Miter gauge on the tabletop
- Dead man's switch (the machine only works if the safety switch of both levers is pressed)
- Table extension for drilling long pieces on the head
- Special composition adapted to the client's wish
- Electrical digital readout of the height setting of the drilling group
- Length position stop on the drilling table
- Engine 2.2 kW and 2800 rpm
- 1 or 2 pneumatic clampings
- Industrial laser

# Pecker 1 Stock model



***This is a Pecker 1 drilling machine equipped with a fixed option package, as we always have in stock. We can deliver this closed version quickly from stock.***

By default, this machine is equipped with:

1. option control on low voltage with
   - a separate three-phase main switch
   - start-stop switch a 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

2. 2 pneumatic pressing systems for tightening the pieces
   - The maximum tension height is 300 mm
   - The pressing systems can extend axially up to 400 mm.

3. Pneumatic dowel drilling system
   - Dowel driling system with 4 adjustable distance grids of 16/22/25 and 32 mm.
   - The pinning is controlled automatically with the green button embedded in the grip.
   - The pin is conic and without play to drill precisely.
   - Equipped with a central table position stop

4. sico counter on the height setting of the drilling group:
   - 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

5. telescopic extensions on the drilling table
   By default, 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.
6. 2 engine speed options: 1400 +2800 rpm

# TECHNICAL DATA

| | | **PECKER 1** |
|---|---|---|
| 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 | | manual |
| Number of clamps | | 1 |
| Spindle speed | rpm | 2800 |
| Engine | KW | 1.5 |
| Worktable dimensions | mm | 700 x 400 |
| Worktable tilting | ° | -45/+45 |
| Worktable rotation | ° | -45/+45 |
| WESTCOTT drilling head | mm | 0-20 |

| | | |
|---|---|---|
| Total table length with optional table extensions 400+400 | mm | 1570 |
| Dust extraction | mm | 120 |
| Machine dimensions | mm | 800 x 1400 x 1450 |
| Machine weight | kg | 400 |
| Mechanical counter height setting | | Sico 0.1 mm |
| THK ball guides hardened steel<br>On all drilling head movements X/Y/Z | | YES |
| Multi slot boring system | | Option, 16/22/25/32 |
| Control on low voltage with separate switches | | 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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