

**TURANLAR**

## T-PE 431 PANEL CUTTING MACHINE



T-PE 431 is a PLC Controlled PANEL CUTTING MACHINE

The machine which has a more competitive price when compared with the CNC controlled machines is designed with a high levels of computer controls, at the same time equipped with standard security and safety regulation.

It has 99 pieces of cutting programs in 20 lines in its memory by means of the PLC Control Unit. This feature of the machine provides a serial producing operation for the standard sized cutting. The machine is used for manual cutting operation.

The size of cutting is used to be adjusted one by one manual for each pieces of workpiece.

The machine has cutting capacity of three panels, with 18 mm at once, total 54 mm.

There are 4 pieces of air blower transport tables to put the panels on the machine and move them on the table much more easily.

It is not necessary to push the panels towards to cutting operation table during automatic operation option.

The panel is holding and pulling towards to the cutting operation table and pushed out after cutting by 10 pieces of pneumatic holder at back side.

The first 4 holders are put near to each other for the narrow panels cutting and it is only necessary to lean the panel to the side fender.

T-PE 431 has to saws of scoring and grooving. The saws are demounted and changed easily and quickly.

It is a high level of technology to have a smooth and secure cutting operation with the machine T-PE 431.

## TECHNICAL SPECIFICATIONS:

**Electrical Level:** 400 V – 50 Hz

**Nominal Current:** 25,1 A

**Total Electrical Power:** 12,1 kW

**Air Pressure:** 6 Bar min

**Cutting Width:** 4200 mm

**Feeder Table Length:** 3660 mm

**Cutting Depth:** 54 mm

### Saw Travel Speed

- **Forward Speed:** 12 / 34 mt / min

- **Backward Speed:** 34 mt / min

**Saw Motor Power:** 5,5 kW

**Cutting Saw Cycle:** 4500 Rpm

**Plotter Saw Cycle:** 5000 Rpm

**Cutting Saw Size:**  $\varnothing 300 \times \varnothing 30 \times 4,4 z = 72$

**Scoring Saw Size:**  $\varnothing 150 \times \varnothing 30$  konik z=36

**Dust Out Feed:**  $\varnothing 150$  mm(qty:3)

**Necessary Working Space Size of the Machine:** (6,5 x 7) 45,5 m<sup>2</sup>

**Machine Width:** 6500 mm

**Machine Length:** 7000 mm

**Machine Height:** 1600 mm

**Machine Weight:** 3400 kg

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