

PU 2-32/100

PNEUMATIC DOVETAIL ROUTING MACHINE



Free-standing version with solid cast table and large working surface at a comfortable working height. With two routing units to produce two dovetail slots in sizes of W-1/2/3 and option W-4. Infinitely adjustable router cross-centres from 32 mm to 100 mm.

Function

The semi-automatic machine cycle is actuated by pressing the foot-pedal. The positioned work-piece is clamped and the units router to the pre-set depth and then return to their home position. The work-piece is then released. The centre position and the routing depth are selected manually. The router cross-centres are positioned manually with the aid of a lead screw and digital counter.

Technical Data

Electrical power rating	1ph/N/PE 230 V 50/60Hz 2.0 kW
Pneumatic connection	6 bar
Motors	1 x 1000 W
Motor speed	34.000 1/min.
Control	pneumatic
Work-piece clamping	pneumatic
Work-piece height	210 mm
Routing depth	0 - 115 mm
Extraction port	Ø 100 mm
Hoffmann Key sizes	W 1 / 2 / 3 / 4 (optional)
Dimensions W/D/H	800 / 750 / 1500 mm
Weight	220 kg
Order No.	W 107 4000

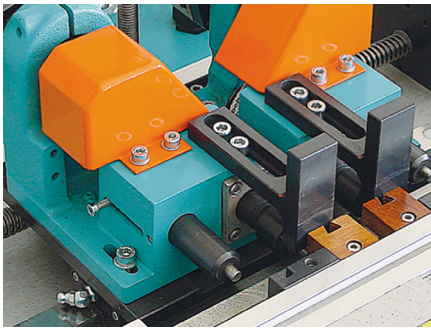
Technical changes without notice.



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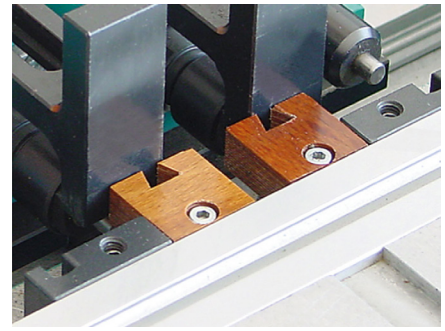
Router gearbox

The two gearboxes are design with spindle speeds of 35,000 rpm. Therefore routing dovetail slots in all wood related materials is possible.



Router depth set-up / adjustment

Both units are adjusted to the required spacing of dovetail keys, by winding the lead-screw handle and reading the digital counter.



Adjustable chip-breaker

The chip-breakers are adjusted with the units to ensure clean edges to the dovetail slots even with difficult species, and with each adjustment.



Dovetail configuration

Two key slots per machine cycle with a spacing of 32 to 100 mm, ensure even with wide work-pieces an optimum strength and perfect fit of the mitre. One set-up for both pieces.



Work-piece geometry

The maximum height of work-piece to be processed is 210 mm which makes it an extremely flexible, versatile PU- 2-32/100 machine. Routing depths up to 115 mm provide a wide range of possible applications.