



iNTEL MAKiNA
INDUSTRY AND TRADING CORP.

TP 120

Aluminum & PVC Mid-Stroke Routing Machine

□ Last updated: July 1, 2026



Description

Designed for mid-stroke routing operations on PVC and aluminum profiles.

Highlights

- ✓ Serial blade change is available.
- ✓ Designed for aluminum and PVC profiles.
- ✓ Support system adjustable according to four different profiles.
- ✓ Routes both corners of the profile in 20 seconds.
- ✓ Designed in compliance with CE standards.
- ✓ Performs routing at various angles.
- ✓ Cooling system is included.

Machine Components

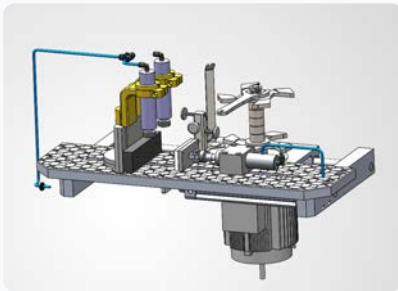


FRAME

TP 120 Frame; a complete and independent machine platform that houses the control panel, pneumatic components and operator interface.

Key Features: Integrated control panel on the right side (Emergency Stop, Start, pressure gauge, package switch), integrated air gun on the left side, hinged upper cover, 3 vertical TOOL STORAGE pins at the bottom and height-adjustable roller feet.

Purpose: To provide a compact processing/automation unit with pneumatic and electrical equipment ready, allowing direct operator intervention.



PRESSING GROUP

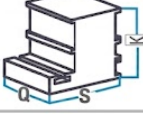
TP120 Pressing Group; a fully pneumatic automated pressing/processing unit that secures the workpiece with air pressure and operates with multiple blade configuration.

Key Features: 2 vertical pneumatic cylinders with blue hoses instead of manual pins, lightweight honeycomb patterned table, dual-level star blade/fixture on the shaft, precise micrometric adjustment screws and front horizontal actuator.

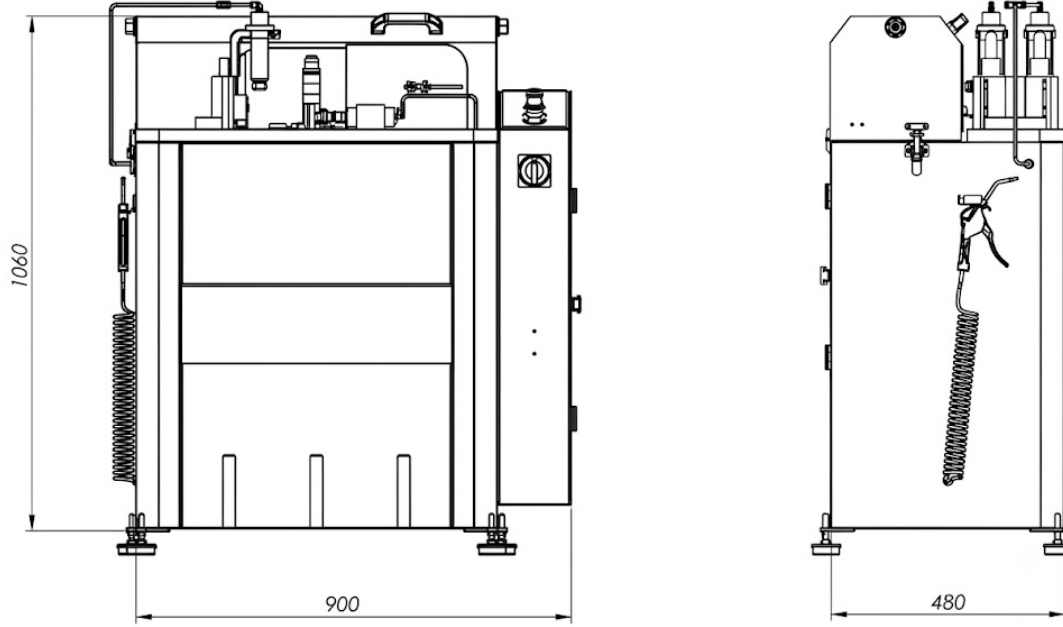
Purpose: To provide precise profile and edge processing with millimetric fixed grip using automatic air pressure, ensuring vibration-free, fast and dual-sided/level accuracy.

Technical Drawings

Technical Drawing 1

TEKNİK VERİLER								
TEKNİK ÖZELLİKLER								
					BAR	Hava Tüketimi		
TP-120	2.2 kW 380V 50Hz	D=180mm (maks) d=30 mm	3000 D/dak. RPM	K=120mm(maks)	6-8 Bar	10 Lt/dak.	900x480x1060 mm	120 kg

Technical Drawing 2



Technical Specifications

Technical Specifications

Motor Power	2.2 kW
Motor Speed	3000 rpm
Air Pressure	6-8 Bar
Air Consumption	10 Lt/d
Voltage	380V 50 Hz
Weight	120 kg
Length	900 mm
Width	480 mm
Height	1060 mm



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