



iNTEL MAKiNA
INDUSTRY AND TRADING CORP.

MTP 120

Multiple Center Rail Routing Machine

□ Last updated: July 27, 2026



Description

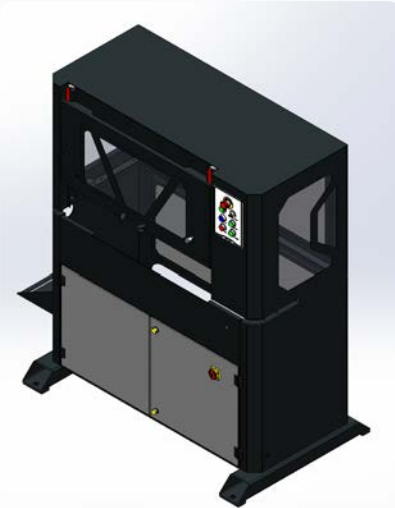
A series-operating multiple profile notching machine with motor belt mechanism used for precision routing operations on PVC profiles.

Highlights

- ✓ Quality notching operations with adjustable linear motor movement to different speeds
- ✓ Serial blade replacement feature that facilitates operation
- ✓ Performs notching operations on center rail and frame profiles from 1 to 6 pieces
- ✓ Profiles are securely fixed to the machine table at right angles with pneumatic vertical and horizontal clamps
- ✓ Safe operation with closed upper housing
- ✓ Long profile supports attached to the machine with sturdy machine frame allow notching of profiles up to 2.5 m in length
- ✓ Adjustable support with cutting depth control
- ✓ Spray cooling system
- ✓ Blade storage shelf

- ✓ Maximum notching profile height (H): 150 mm
- ✓ Maximum notching stroke (W): 600 mm
- ✓ Maximum saw diameter: Ø 180 mm
- ✓ Maximum tool height: 120 mm

Machine Components



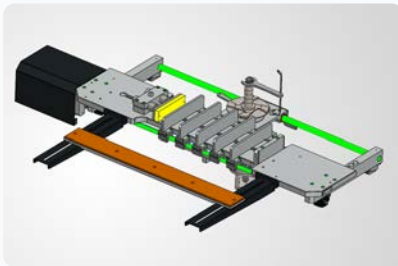
HOUSING

/MTP120 Housing Technical Details

Upper Section: Transparent cabin with handle-operated vertical emergency safety door, side observation window and main control button panel.

Lower Section: Locked double-wing door for electrical/pneumatic components, emergency main switch and left material support tray.

Chassis: Features vibration-damping closed sheet metal bending structure and wide base feet suitable for ground installation.



LOWER GROUP

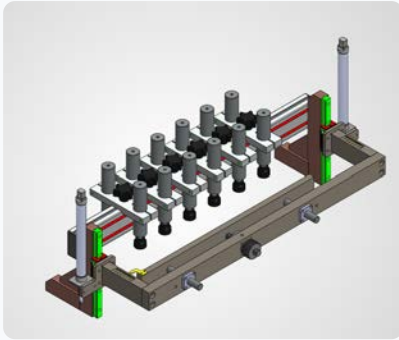
MTP 120 Lower Group Technical Details

Cutting Unit: Multiple milling bit assembly on vertical spindle and motor housing on left side.

Clamping Group: Parallel vertical plates for profile alignment and special yellow support block.

Linear Motion: Green guide shafts and linear bearings providing axial sliding.

Material Support: Wood/composite-coated profile carrying support rail on front side.



UPPER GROUP

Upper Group Technical Details

Upper Pressing Group: Vertical shoes providing homogeneous clamping and black star adjustment knobs for manual positioning.

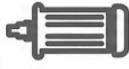
Vertical Drive and Guide: Side vertical cylinders and green linear rails ensuring precise Z-axis movement of the entire bridge.

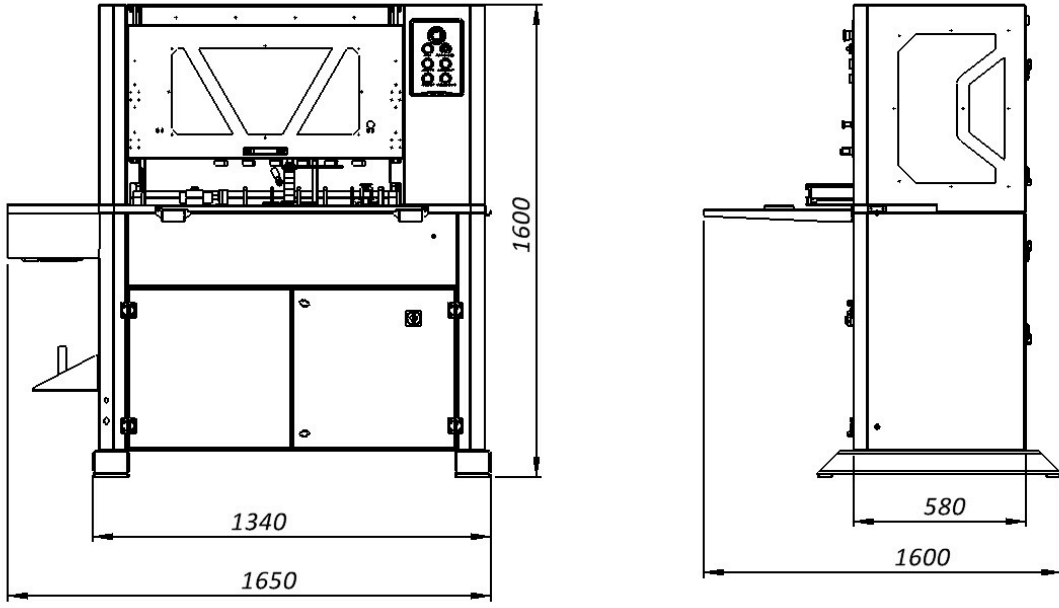
Precision Measurement: Front beam with scale/ruler indicator and yellow needle mechanism for axial distance adjustment and monitoring.

Fine Adjustment: Drum adjustment screws and connecting shafts for precise adjustment of guard and support distances.

Technical Drawings

Technical Drawing 1

TEKNİK VERİLER							
TEKNİK ÖZELLİKLER							
				BASINÇ	HAVA TÜKETİMİ		
MTP 120	2.2 kW 380V 50 Hz	D=180mm (maks.)	K=120mm(- maks.)	6-8 Bar	20 Lt/dak	1650x1600x1600 mm	250 kg



Technical Specifications

TECHNICAL SPECIFICATIONS

Motor Power	2.2 kW
Voltage	380 V
Supply Type	3Ph
Frequency	50/60 Hz
Saw	Ø180
Air Consumption	20 Lt
Saw Diameter	Ø120
Saw Rotation Speed	3000 rpm
Height	1600 mm
Width	1650 mm
Length	1600 mm
Weight	250 Kg



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