



iNTEL MAKiNA
INDUSTRY AND TRADING CORP.

PC 400-P

Angled Aluminum-PVC Cutting Machine 400 mm

□ Last updated: June 29, 2026



Description

A cutting machine designed for straight and angled cutting operations of PVC, aluminum, and wooden profiles.

Highlights

- ✓ Pneumatic Horizontal Vise Group
- ✓ 19 mm Wrench and 8 Allen Tool Set
- ✓ Air Gun
- ✓ Ø 400 mm saw blade
- ✓ Cutting with spring at 45°- 30°- 22.5°-15°- 0° angles in both right and left directions
- ✓ Precision cutting at intermediate angles 45° left – 45° right
- ✓ Machine frame manufactured from aluminum and machine base produced from steel sheet
- ✓ Easily adjustable mechanical structure for desired angles
- ✓ Robust spring system and protective guard

Optional Features

- + Single Phase Motor
- + Saw blade cooling system
- + Spare saw blade 400 mm
- + Conveyor-right (2.3m)
- + Conveyor-left (2.3m)

Machine Components



CUTTING SAW BLADE

Electric Motor: Provides drive to the saw disk.

Main Body and Protective Housing (Black Body):

Fixed Housing: Provides operator safety against chips and sparks that may be ejected during cutting.

Movable Housing Connection: The long diagonal metal rod (connecting rod) shown in the image is connected to a locking mechanism that synchronously opens the blade guard as the head is lowered.

Return Spring (Green Helical Spring): When the cutting head is pressed down and released, it ensures the system automatically returns to the safe upper position.

Operator Control Lever (Black Handle): Positioned to apply cutting force and manually guide the head.

Shaft and Fastening Elements: Hexagon bolt, washer, and safety ring are used for shaft fastening at the disk center.



TABLE SECTION

Main Function: Shows an adjustable table and clamping/fence system designed to cut or machine materials at precise angles. A circular table and linear slides are present.

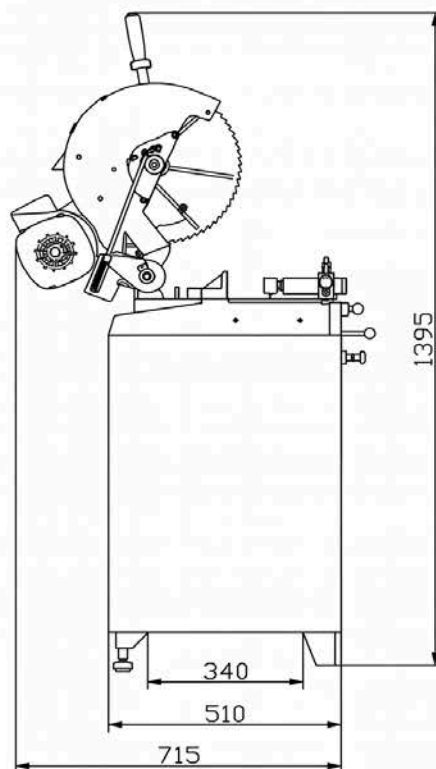
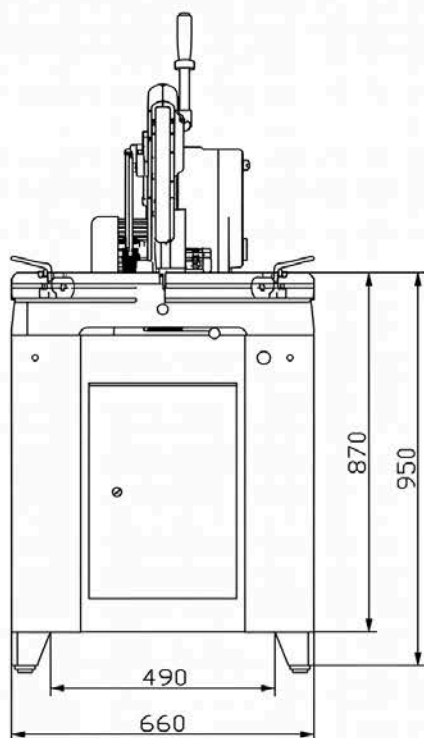
Precision Angle Adjustment: The gray, textured circular surface located in the middle section is a rotatable table. An angle scale is visible on the front edge of this table. This allows the user to position the workpiece at a very precise angle.

Clamping and Slide System: Two yellow clamp devices are present. These devices can slide on cylindrical guide rails to move the adjustable fence rod forward and backward.

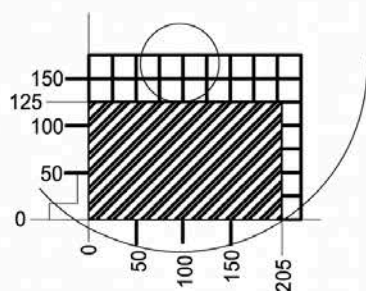
Locking Mechanisms: Black handles and levers are located above and below the yellow devices. These enable the fence to be secured at the desired position.

Fence: The long black colored piece at the top, spanning the full width, is the surface on which the workpiece rests. This piece is precisely positioned in front of the angular table through the yellow devices.

General Design: The base and workpiece holding section enable the operator to perform repeatable and precise workpiece cutting at different angles.

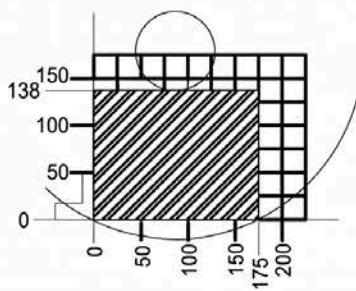


Ø400

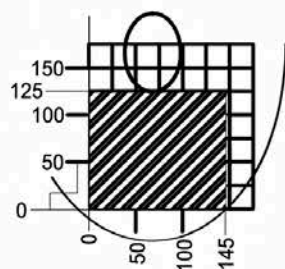


90° : 205 x 125 mm

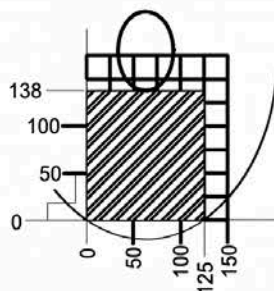
Ø350



90° : 175 x 138 mm

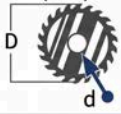


45° : 145 x 125 mm



45° : 125 x 138 mm

Technical Drawing 2

TEKNİK VERİLER							
TEKNİK ÖZELLİKLER	GÜÇ (MOTOR)	TESTERE ÖLÇÜLERİ (mm)	HIZ (DEVİR)	HAVA VE TÜKETİM		BOYUTLAR (WxLxH)	AĞIRLIK
							
PC 400 P	2,2 kW 400V~3N PE 50 Hz	Maks. Ø400 mm	3000 Dev/dak. RPM	5-8 Bar	HAVA TÜK. 5 Lt/dak.	88x84x145 cm	115 kg

Technical Specifications

Motor Power

400 V / 6 A / 3~ / 50-60 Hz

2.2 kW (2200 Watt) / 3 HP

Saw Blade Size

Ø 400 mm / 30-32 mm

Dimensions

880 mm x 840 mm x 1450 mm

Net Weight: 115 Kg



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