



iNTEL MAKiNA
INDUSTRY AND TRADING CORP.

CKY 501

Automatic Strip Cutting Machine

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Description

CKY501 features two special saw blades positioned at 45° for simultaneous bottom cutting of PVC glazing bar profiles. Two glazing bar profiles can be cut simultaneously through special counter blocks. The saw blade speed is automatically adjustable. Standard equipment includes a conveyor system with manual measuring rod and adjustable length fixing stop (3m). Counter block change is quick and easy. Two vertical pneumatic clamps ensure optimal workpiece clamping.

Highlights

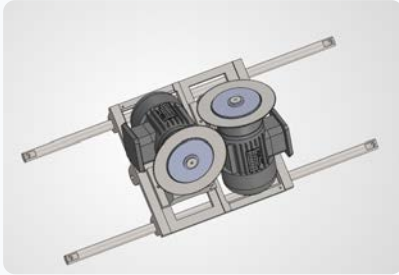
- ✓ Pneumatically controlled foot pedal
- ✓ Sturdy mechanical structure suitable for high speeds
- ✓ Precision cutting at bilateral 45° angle
- ✓ Air blower
- ✓ Conveyor and manual measuring unit
- ✓ 2 x Ø200 saw blade

Optional Features

- + Left Conveyor

+ Ø200 saw blade

Machine Components



SAW SECTION

Function: Performs corner joint cutting, notching, or V-cutting operations on profile ends in a single pass.

Dual Motor Mechanism: Features 2 independent electric motors and circular saw blades positioned at an angle to each other.

Precision Movement: Slides on four cylindrical guide shafts, achieving vibration-free and extremely rigid stroke movement.

Benefit: Achieves time savings in series production and ensures high precision by cutting with dual saws in a single pass without rotating the profile.



TOP PRESSURE GROUP

Function: Presses and secures the profile to be machined from above with pneumatic force, preventing slipping and vibration during cutting.

Design: Wide pads on both right and left sides distribute pressure evenly, preventing profile crushing or scratching.

Precision: Moves rigidly on two vertical guide shafts; stroke height can be calibrated with the central adjusting screw.

Form: Arched (U-shaped) structure allows easy passage of profiles and cutting tools from below.



MEASURING UNIT

Function: Supports long profiles to be machined and aligns them precisely to the desired cutting dimension.

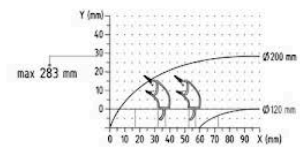
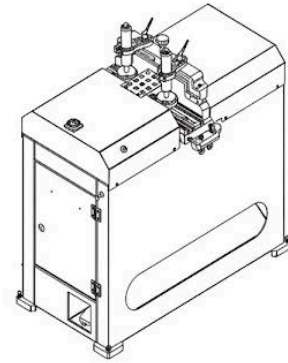
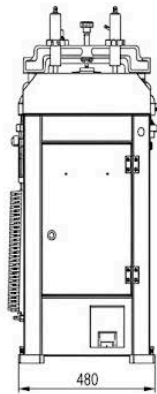
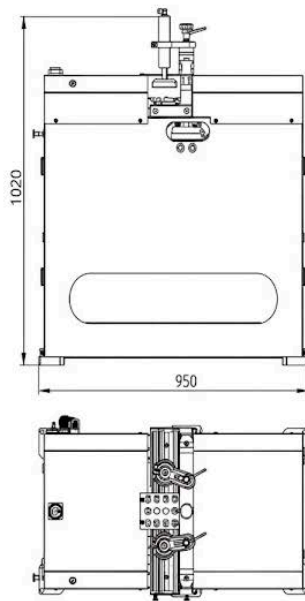
Mechanism: Features a measuring stopper that slides on an aluminum T-channel body and is secured with a manual locking lever.

Height Adjustment: Easily adjusted to the machine table level through the telescopic foot and star knob underneath.

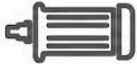
Benefit: Enables serial and repeatable cutting of profiles of the same length without measurement error.

Technical Drawings

Technical Drawing 1



Technical Drawing 2

TEKNİK VERİLER							
TEKNİK ÖZELLİKLER							
				BAR	Hava Tüketimi	WxLxH	
CKY 501	0.75 kW x 2, 400V 50Hz	D=200 mm, d=32 mm	3000 D/dak. RPM	6-8 Bar	35 Lt./dak.	98x53x120 cm	102 kg

Technical Specifications

Cutting

Motor Power	2 x 0.75 kW
Rotation Speed	3500 rpm
Cutting Angle	45

Technical Specifications

Air Pressure	6-8 Bar
Air Consumption	62 l/min
Voltage	400V
Total Power	1.5 kW
Weight	102 kg
Length	980 mm
Width	530 mm
Height	1200 mm



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