

SC 500
Automatic
Sawing Machine

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Automatic Sawing Machine

Intel Makina's two-head cutting machines are the only machines in this regard due to their durability and reliability features. It is ideal for cutting aluminum and Aluminium billets of different thicknesses and angles. These latest generation machines make a significant contribution to the production

SC 500 is designed for the strait cutting operations of the large size of profiles made of PVC and aluminium by means of Ø500 mm of saw blade at 90°. It is ideal for the serial and precise slicing and vertical drilling operations.

TECHNICAL DETAILS

Electric Values	380-400V, 3ph, 50-60 Hz	Max. Profile Length It Can Cut (Long Cutting Mode)	8000 mm
Total kW Value	6 Kw	Minimum Profile Length It Can Cut 90°	400 mm
Motor Power	5.5 kW	Saw Outside Diameter	Ø500 mm
Air Consumption	20 lt/min	Saw Inside Diameter	Ø30 mm
Air Pressure	6-8 Bar	Saw Thickness	4 mm
Machine Height	1950 mm	Number of Saw Teeth	120-132
Machine Length	5000 mm	Number of Saws Used	1
Machine Width	1250 mm	Saw Speed	3000 rpm
Machine Weight	675 kg		

*Photos are for example purposes only

GENERAL FEATURES

Suitable for high-volume slicing of aluminium profiles for window manufacturing and industrial applications

High precision servo/synchronous motors and internationally recognized components

Saving of time by means of servo-controlled workpiece infeed speed.

Horizontal and vertical clamping of the workpiece during the sawing operation

Automatic table retraction feature protects the surface of the workpiece against the scratches arising during the saw blade downward motion

High cutting accuracy by means of the robust mechanical structure

Single or multi-bar (packed) cutting features spray saw blade lubrication system

Large memory capacity for the cutting programs

The machine shut down automatically after reaching the requested quantity!

Pneumatically opening safety guard

7" LCD color touch screen!

Remote connection via internet and providing technical support!

Feeding distance per cycle (5 – 1000 mm). No limit for max. dimension.

Minimum cutting length: 5 mm and unlimited for the maximum cutting length / max. clamping capacity:
Height, H 5 mm – H 170 mm /
Width W 5mm – W 370 mm
Servo controlled

STANDART ACCESSORIES

2.5 meter of infeed roller conveyor

Equipped with saw blade \varnothing 500 mm

Spray saw blade lubrication system

Air gun

3x horizontal clamps

3x vertical clamps

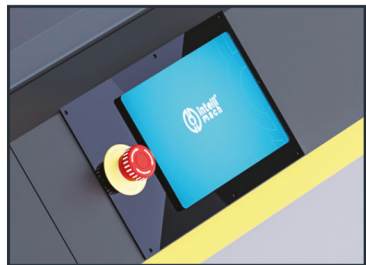
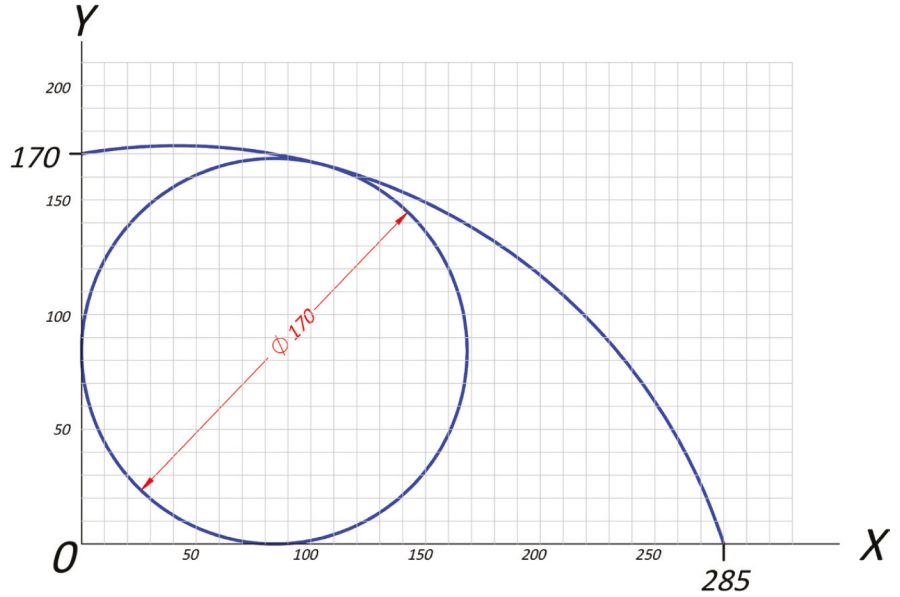
OPTIONAL ACCESSORIES

Spare saw blade with \varnothing 500 mm

VCE 1570 chip vacuum extractor

2.5 meter of outfeed conveyor

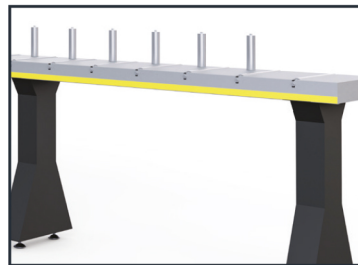
Extending kit for 5 meter of infeed roller conveyor



Touch Screen



Saw \varnothing 500 mm



Roller Conveyor



Saw Output Adjustment