

SIRIUS D550

Pvc Profile Machining and Cutting Center

Intel Makina's Pvc Profile Machining and Cutting Center are the only machines in this regard due to their durability and reliability features. It is ideal for cutting aluminum and PVC profiles of different thicknesses and angles. These latest generation machines make a significant contribution to the production line phases thanks to their extremely clear and easy use in the cutting process. SIRIUS D 550 All sawing, milling, drilling and marking operations on PVC profiles are gathered in one machine controlled by a computer.

Technical Details

Electric Values	380-400V, 3ph, 50-60 Hz	Max. Profile Thickness Can Be Cut	130 mm
Total kW Value	15 kW	Max. Profile Height Can Be Cut	160 mm
Engine kW	1.5 kW	Min. Profile Thickness Can Be Cut	30 mm
Air Consumption	450 lt/min	Min. Profile Height Can Be Cut	35 mm
Air Pressure	6-8 Bar	Saw Outside Diameter	1 Piece Ø550
Minimum Workable Profile Length	350 mm	Saw Inside Diameter	Ø30
Maximum Workable Profile Length	7000 mm	Saw Thickness	4,2 mm
Max. Length of Profile Can Be Loaded	7000 mm	Number of Saw Teeth	120
Machine Height	2841 mm	Number of Saws Used	1
Machine Length	13946 mm		
Machine Width	2084 mm		
Machine Weight	4500 Kg		

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Control

Automatic cutting in all angles between 30° and 150° with accuracy of 0,1° by means of servo motors

Stacking of 9 profiles (max 7 m length)

Industrial PC with Windows XP embedded which works between 0°C – 55°C without fan 21"

Data transfer is available via network and connection or USB interface

Thanks to its easy-to-use and flexible operating system, all works in harmony with chopping and optimization programs.

There is a working algorithm in accordance with the principle of minimum waste and maximum production.

Waste can be automatically optimized and evaluated within the cut lists sent.

Parameters can be adjusted easily.

Usb login

Profile Entry Unit

9 Profiles can be loaded on the input conveyor.

Profile loading capacity can be increased optionally

Profile transport and positioning, automatic profile recognition feature.

Minimum 900 mm., Maximum 7000 mm. It measures the profile length automatically. (There is an infinite length processing option)

There is a warning system that prevents the wrong profile.

Ability to back-up daily data on internal storage unit

Central lubrication system to ease the machine maintenance

Problem identification, solution and servicing by means of remote connections

Ability to notify the user against incorrect loaded profile thanks to profile recognition system

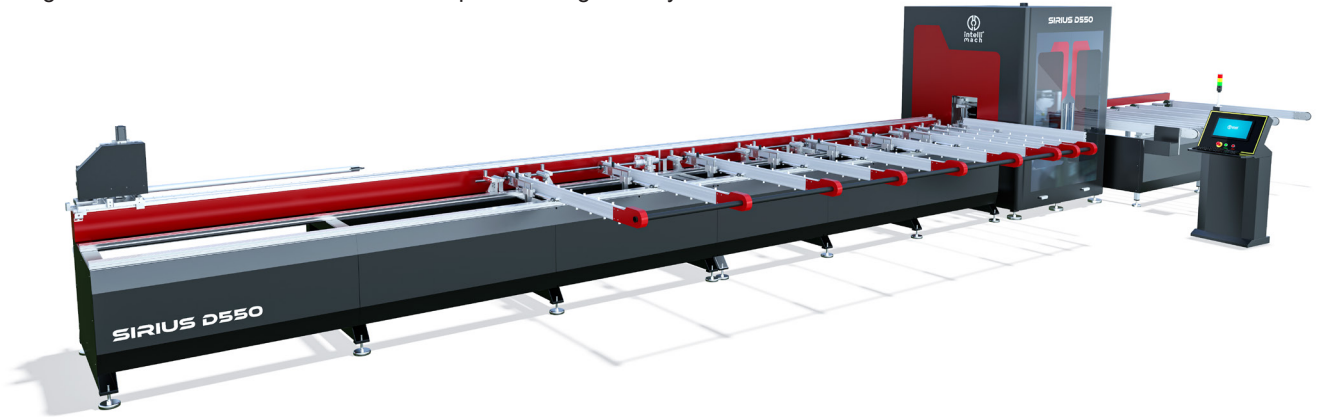
Profile Exit Unit

Exit robot automatically transfers onto the conveyor.

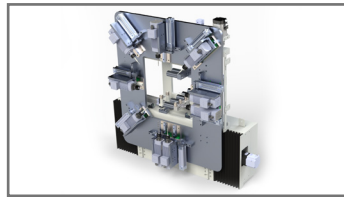
If desired, a label from the barcode printer for each finished piece by taking the printout, convenience can be provided for production organization.

(OPTIONAL) Industrial Label Printer

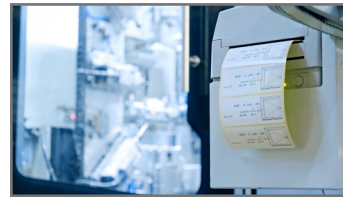
The industrial label printer allows to recognize each cut profile according to its characteristics found in the cutting list. In addition, writing code on them makes it extremely convenient to easily find the order ID of each profile and especially for subsequent transactions.



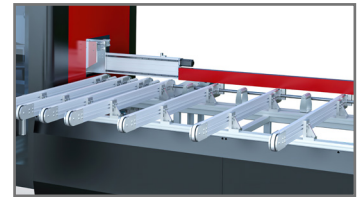
Industrial PC



Drilling and Milling Group



Barcode Printer



Pneumatic Profile Exit Unit

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