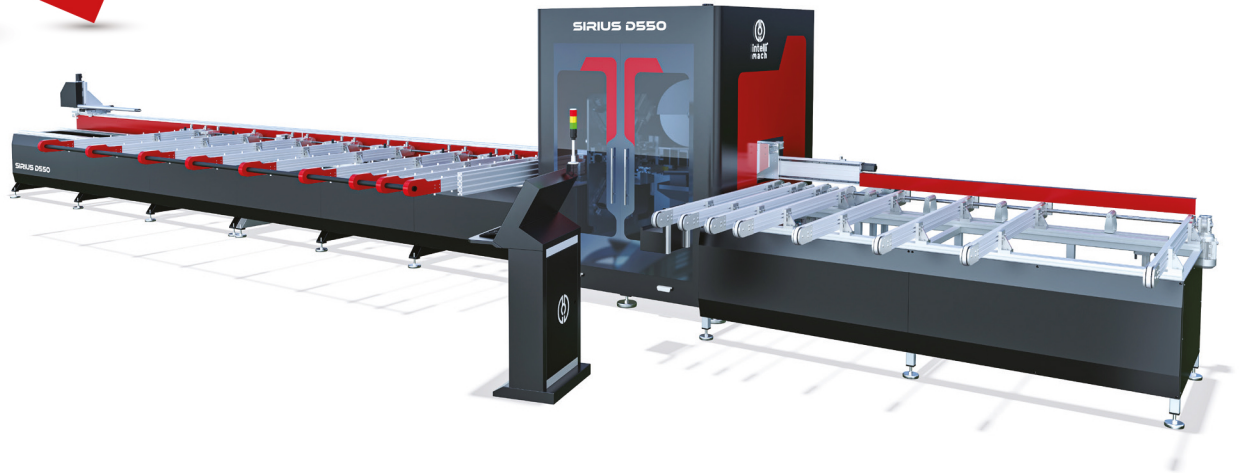


SIRIUS D550

Pvc Profile Machining
and Cutting Center

www.intelmakina.com



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 | Machine Weight | 4500 Kg |
| Total kW Value | 25 kW | Max. Profile Thickness Can Be Cut | 130 mm |
| Motor Power | 1.5 kW | Max. Profile Height Can Be Cut | 160 mm |
| Air Consumption | 450 lt/min | Min. Profile Thickness Can Be Cut | 30 mm |
| Air Pressure | 6-8 Bar | Min. Profile Height Can Be Cut | 35 mm |
| Minimum Workable Profile Length | 350 mm | Saw Outside Diameter | 1 Piece Ø550 |
| Maximum Workable Profile Length | 7000 mm | Saw Inside Diameter | Ø30 |
| Max. Length of Profile Can Be Loaded | 7000 mm | Saw Thickness | 4,2 mm |
| Machine Height | 2400 mm | Number of Saw Teeth | 120 |
| Machine Length | 13950 mm | Number of Saws Used | 1 |
| Machine Width | 2750 mm | Saw Speed | 3000 rpm |
| | | Drillers Speed | 9 x 18000 rpm |

*Photos are for example purposes only

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

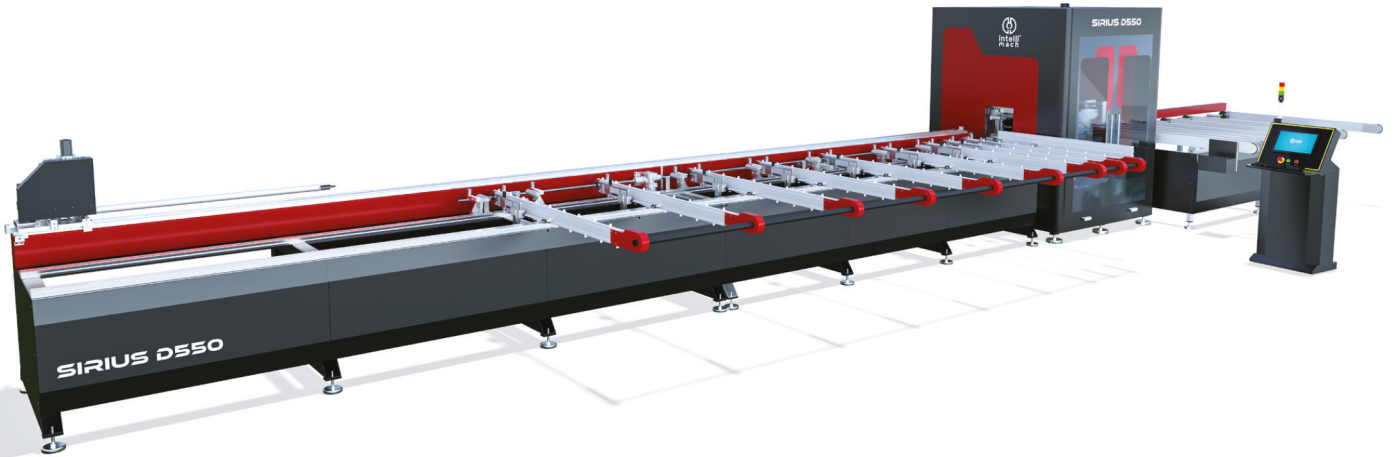
If desired, a label from the barcode printer for each finished piece by taking the printout, convenience can be provided for production organization

(OPTIONAL)

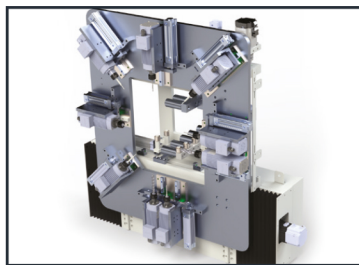
INDUSTRIAL LABEL PRINTER

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.



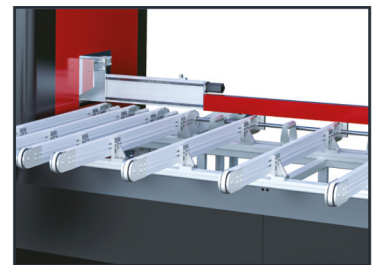
Industrial PC



Drilling and Milling Group



Barcode Printer



Pneumatic Profile Exit Unit

İNTEL MAKİNA A.Ş.

ADRES: Kayapa Sanayi Bölgesi 613. Sk.
No:2/B Kayapa, Nilüfer/BURSA/TÜRKİYE
www.intelmakina.com

(224) 504 30 32
(224) 367 00 49
info@intelmakina.com

INTELLIGENT MACHINES