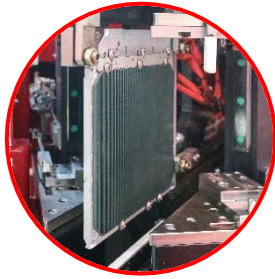


CNC 2-Head Welding Machine

First and only 2-head CNC welding machine that completely **eliminates the welding seam from the corner**, allowing you to obtain PVC windows of uniform quality and superior aesthetics.

Unique machine of its kind, it **ensures perfect and simultaneous welding** of 2 angles, guaranteeing absolutely flat and homogeneous surfaces **also with profiles that**, instead of reinforcing metal, **have inside them non-weldable** products such as fiberglass, aluminium or resin.

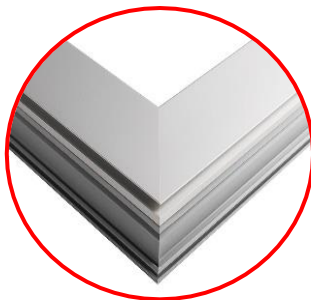
Introduction



V-Perfect: The Perfect Weld

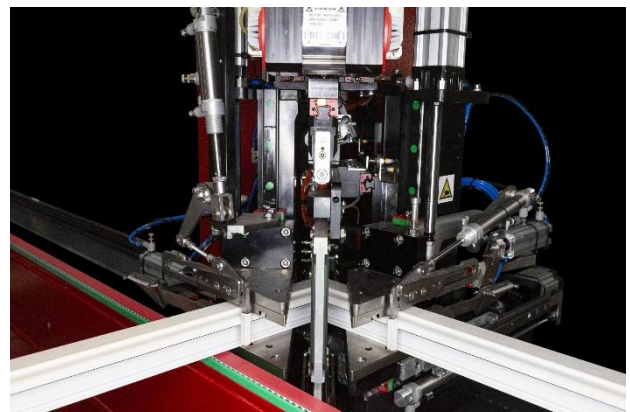
The basis of the project is the **V-Perfect technology**, a patent that allows you to work **painted or coated** PVC profiles with films but also to combine them with **acrylic coatings** or real materials such as **laminates in wood or aluminum** and **without having to touch up with the marker anymore**.

5 reasons to choose SL2FF DIA



Every Material / Every Coating

- ✓ **Possibility to weld** profiles coated with any type of film or foil.
- ✓ **Time and costs reduction:**
After welding, it is not necessary to clean or touch up.
- ✓ **Labor Reduction:**
Not having to finish the corners, only 1 operator is required to load the profiles.
- ✓ **Active Welding System:**
The operator can intervene in advance on the expected final result.
- ✓ **Solves the problem of profile tolerances:**
Thanks to a special automatic calibration system.



Thanks to the installation of a universal rotary mold for profiles (white, colored, film, acrylic etc.), the machine **allows you to make welds with a smooth or profiled finish** and, automatically varying between the two solutions.

All the necessary operations are therefore carried out automatically, **milling with the High Speed system, positioning at the operating levels, cyclical casting, compression and cooling** and, at the end of the process, release the finished profiles.

Specifications

Dimensions

Length	6.000 – 7.500 mm
Width	3.000 mm
Height	2.400 mm
Weight	2.500 – 3.500 Kg

Details

Installed Power	16.5 Kw
Power Supply	400 V
Air Consumption	600 NI/min
Operating Pressure	7 bar

Operating Features

Composition

Structure

2 Heads in line.

Operators

1

Machining

Horizontal and contemporary welding of the 2 corners.
Gasket worked directly during the welding cycle.

Technical Features

Welding Side Dimension (between the heads)

Maximum	3.500* mm
Minimum	250** mm

Dimensions vary depending on the profile size – measurements indicated with minimum counter-shape thickness – profiles 70 mm wide

* Dimensions beyond the limits can be processed after verification by the Technical Department

** Varies depending on the profile used

Welding Profile Dimension

Height	35 ÷ 180 mm
Width	40 ÷ 130* mm

Optional

Upon request the machine can be equipped with:

Dimensions side Weldable between the heads maximum increased*.

Exhauster for SL2FF cordless welder.