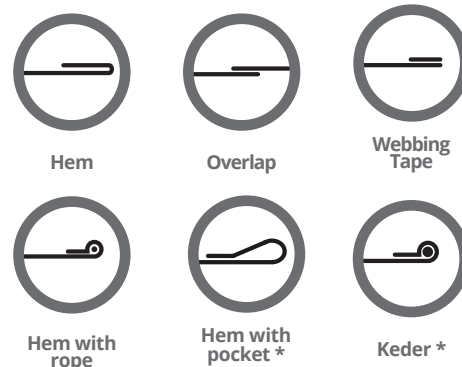


Evolve Air Welder



WELDING OPTIONS



This multi-purpose welder stands out as an indispensable tool for any wide format printing operation, offering unmatched versatility and efficiency. Its ability to easily **create hems or join banners** by simply switching out the welding guides makes it an essential piece of equipment for producing high-quality, durable banners and large-scale prints.

Maximum speed of up to **25 meters per minute**, this machine ensures rapid production times, although actual speed may vary depending on the specific application, weld width, and materials used.

Intuitive user interface, operators can quickly adjust settings to cater to different materials and welding requirements, ensuring precision and consistency in every job.

Compatible with a wide range of materials, **PVC** laminated fabrics, PVC coated fabrics, woven polypropylene, woven polyethylene, making it a versatile solution for various printing projects. Tested on Kavalan Sunlight Weldable (**PVC-free**) making it a versatile solution for various printing projects.

Safety is a priority with this welder, incorporating several safety features such as emergency stop button, heat shield guards to protect the operator, and automatic shut-off mechanisms to extend the machine's lifespan. Its compact design allows for easy integration into existing workflows, while its robust construction ensures reliability and durability, even in the busiest printing environments.

WELDING OPTIONS

- Hem
- Hem with rope
- Webbing Tape
- Overlap
- Hem with pocket (Optional)*
- Keder (Optional)*

WELDABLE MATERIALS

- PVC laminated fabrics
- PVC coated fabrics
- Woven polypropylene
- Woven polyethylene
- Kavalan Sunlight Weldable (PVC-free)

INCLUDED

1. Hot air nozzle 40mm
2. Hemming guide (up to 40mm)
3. Joining and tape guide
4. Welding rollers 40mm

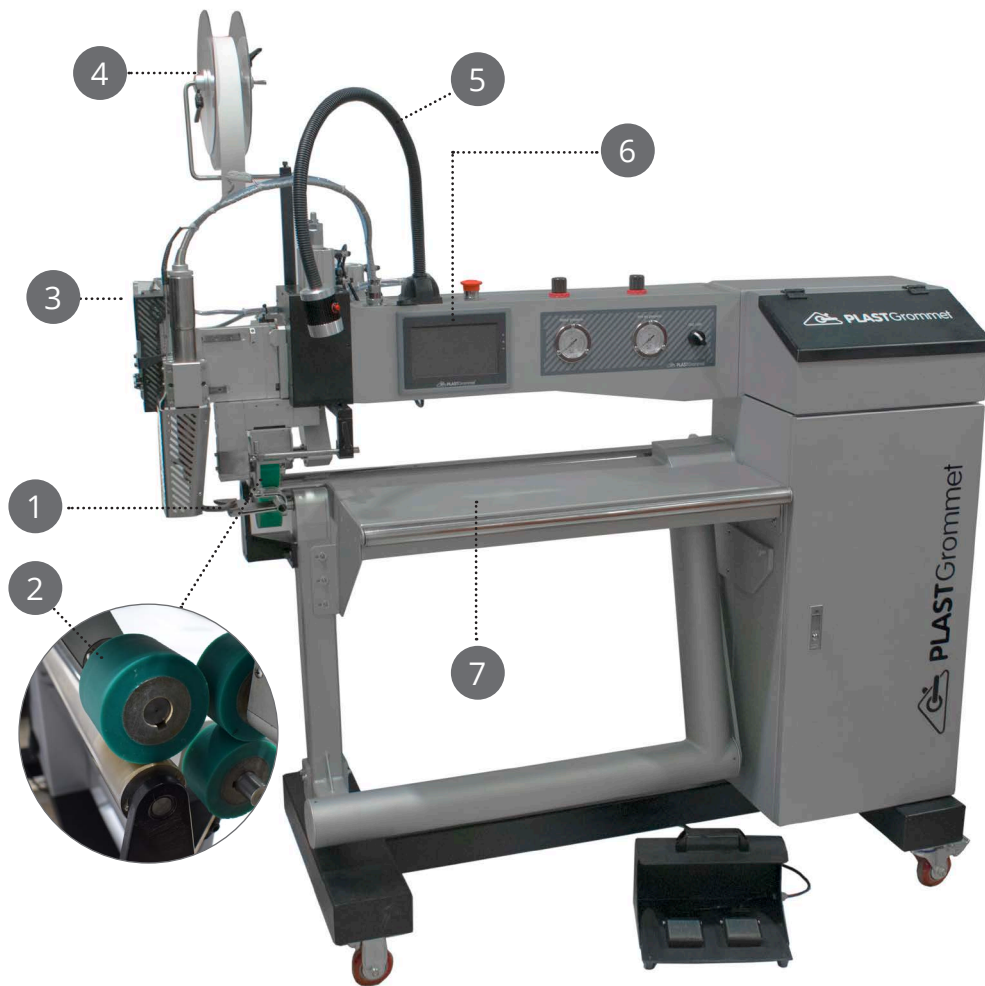
Features & Technical Specifications

Model	Evolve Air Welder
Reference	EVOLVE
Welding options	Hem Hem with rope Webbing Tape Overlap Hem with pocket (Optional)* Keder (Optional)*
Weldable materials	PVC laminated fabrics PVC coated fabrics Wooven polypropylene Wooven polyethylene Kavalan Sunlight Weldable (PVC-free) Much more
Speed	1-25m/min (82 ft/min) Speed will depend on the application, weld width and materials.*
Hot air	40 mm nozzle - Up to 700° C
Welding rollers width	40 mm
Power requeriments	208-240 Volts - Single Phase - 25 Amp 380-400 Volts - Single Phase - 16 Amp
Air requeriments	5 Bar (0.5 Mpa)
Power consumption	3.1 kW (3105 W) (Maximum at 700° C.)
Air consumption	250 l/min. (9 cf/min.)
Screen	Multilingual HMI - Color touch screen 7" (800x480p)
Dimensions	
Height	1540 mm (60.6 inches)
Width	1520 mm (59.8 inches)
Depth	650 mm (25.6 inches)
Weight	230 kg (507 lb)



OPTIONAL EQUIPMENT

Hot air nozzle	20 mm / 30mm / 50 mm
Welding rollers width	20 mm / 30 mm / 50 mm
Other optionals	Pocket guide / Keder guide / Table (L-shaped)



1. Equipped with Hot Air (up to 700°C)
2. Material puller for long welds (50 mm roller)
3. Precision welding head positioning (XYZ) with stepper motors
4. Tape dispenser

5. Lamp
6. Easy to use multilingual HMI
7. Built-in table

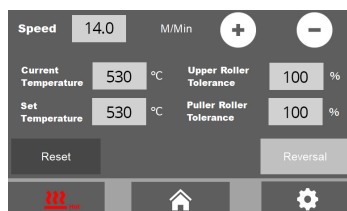
TOUCHSCREEN

This equipment features a 7" color touchscreen that allows for all adjustments to be made quickly and easily for your work. The touchscreen is designed for industrial environments, featuring a durable and responsive surface that can withstand the demands of daily operation in a wide format printing facility.

- Intuitive User Interface: Easy to navigate menus and settings for efficient operation.
- Real-time Adjustments: Quick parameter changes for speed, weld width, and material compatibility.
- Multiple languages available.



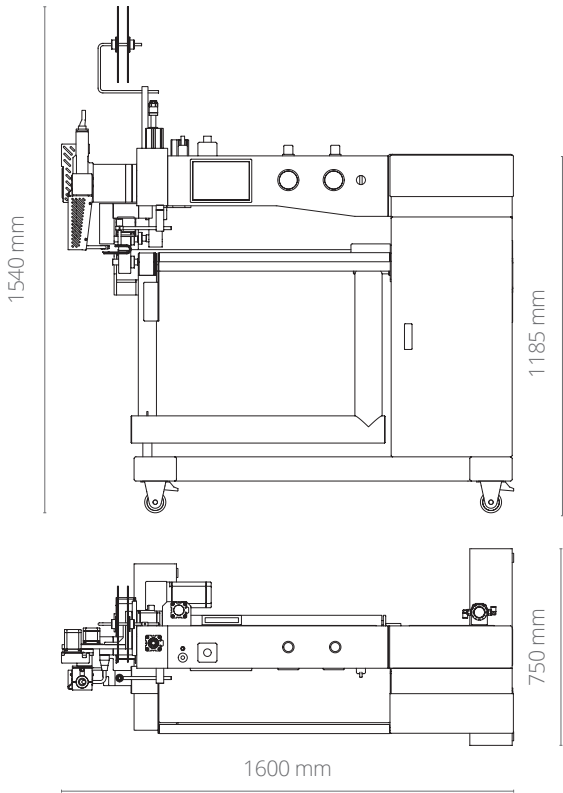
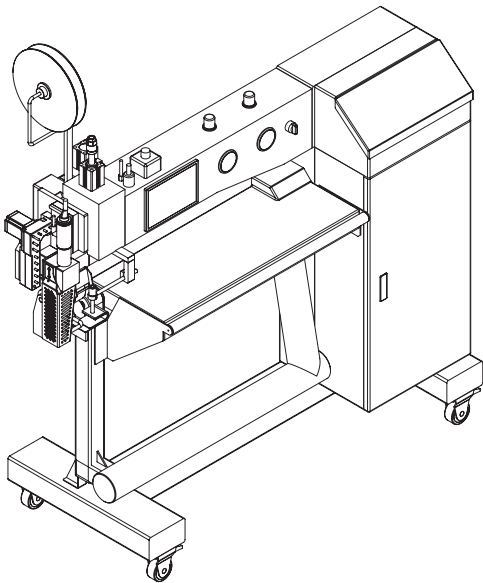
Multilingual HMI.



Intuitive interface.



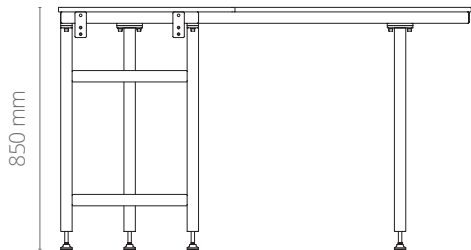
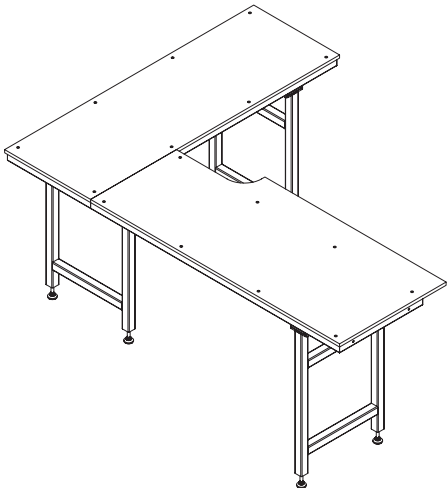
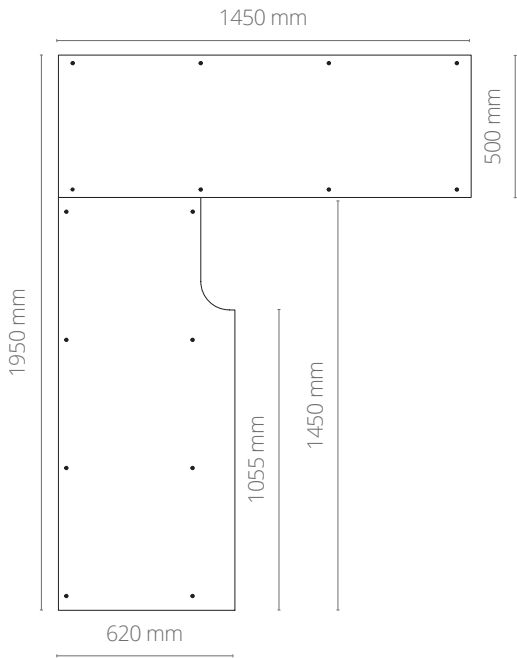
EVOLVE AIR WELDER



OPTIONAL TABLE (L-SHAPED)

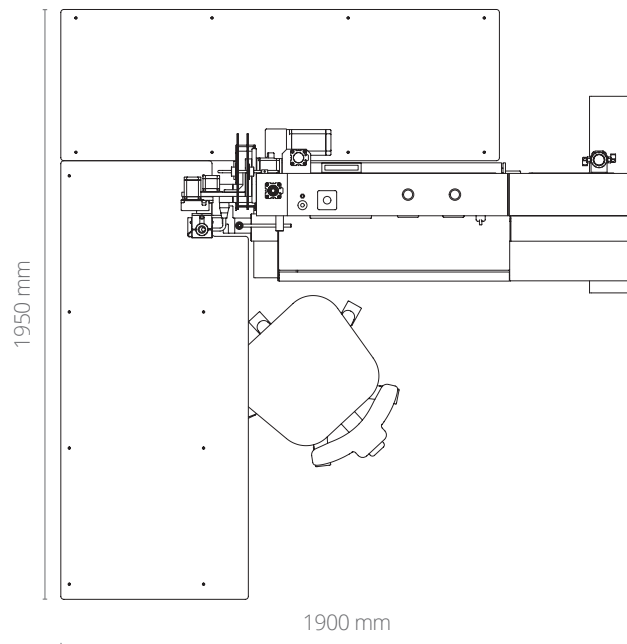
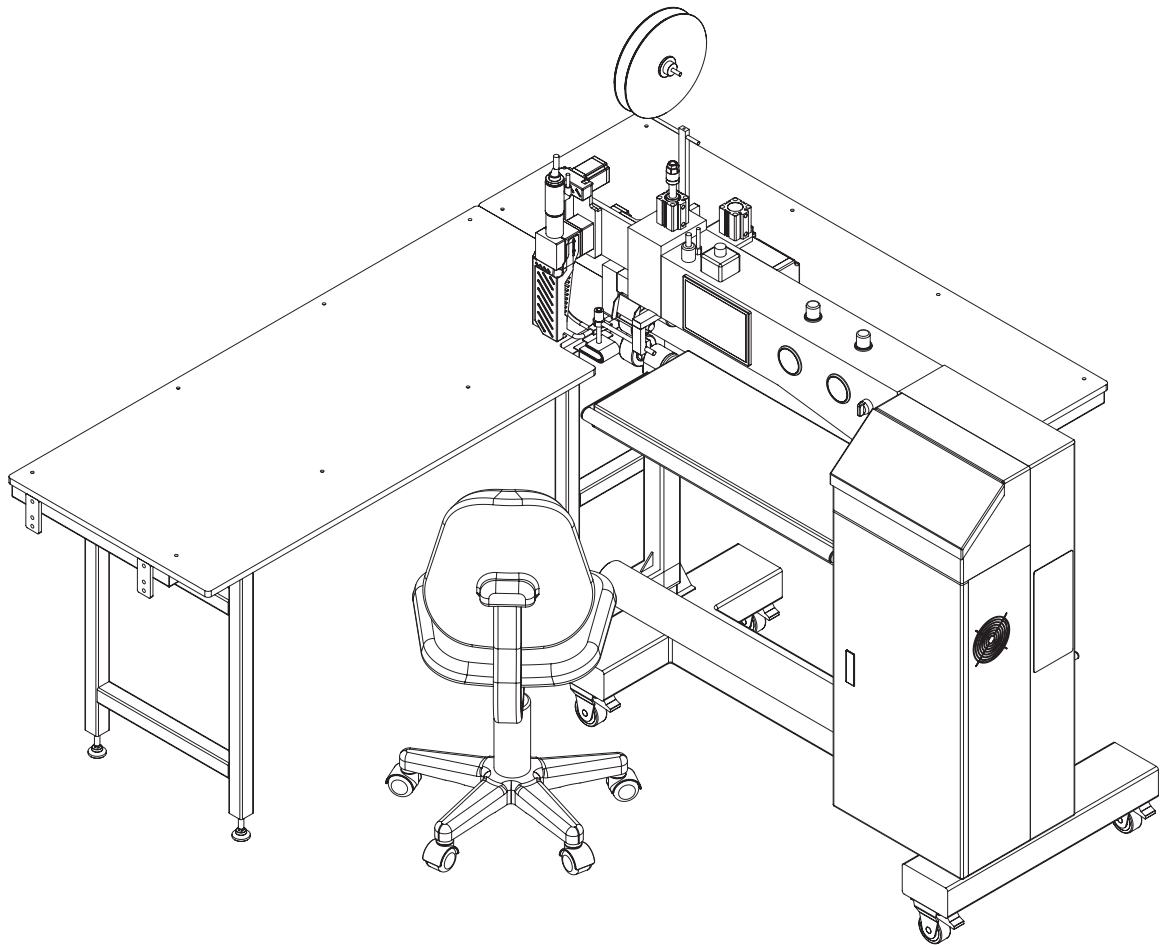


Ref.: EVOLVETABLE



FOOTPRINT

Evolve Air Welder + Table (L-shaped).



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Factory and Headquarters | PLASTGROMMET S.L.U.
Carretera Font Roja, 23 | 03801, ALCOY (Alicante) | SPAIN
Tel: +34 965 339 969 | info@plastgrommet.com

US Office | PLASTGROMMET, INC
2153 Coral Way, Suite 400, Miami, FL 33145 | USA
Tel: +1 305 447 7040 | usa@plastgrommet.com

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