

**THE MOST COMPACT &
UNIVERSAL RF WELDER!**



Medical Bags

Interior

Inflatables

Embossing

Protective Clothing

+ More



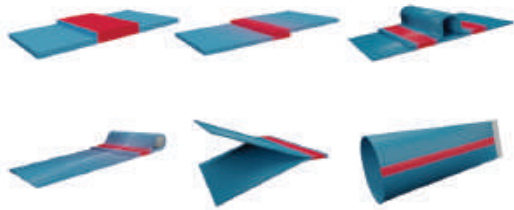
The Most Compact Multipurpose
RADIO FREQUENCY WELDER

Small but mighty, the RFLex Press brings the power of larger RF machines with a small footprint. Designed for the production of small intricate applications including automotive, medical equipment, and packaging accessories or products. The RFLex Press can weld PVC, PET, PU, TPO, or PLA. With enhanced features such as precision line, spot and curve welds technology, autotuning for consistent welds, production will be more efficient and reliable.

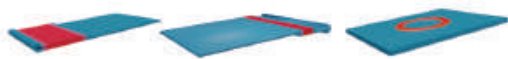
Applications:

- Aerospace Products
- Flexible Storage Bladders
- Inflatables
- Protective Signage
- Automotive Interior Design
- Medical Equipment
- Packaging Accessories
- Complicated Shapes
- Packaging Applications
- Protective Clothing
- Embossing
- Prototype Work





ACTIVE SEAM TYPE RECIPES



TECHNICAL SPECIFICATIONS

Power Requirements:	240 Volts - Three Phase - 30 Amp.
Antiflash System:	Ultra fast solid state arc limiter
Control System:	PLC & 7" touch screen HMI
Electron Tube:	Air cooled metal-ceramic triode
Electrode Size:	- Max Weldable is 16-18 in Squared - Variable and Customizable based on Application.
Electrode Stroke:	0.15m (6")
Air Requirements:	1cfm @ 90psi
Power Output:	Approx. 4kW
Dimensions:	Width: .72m (28") Length: 1.3m (51") Height: 1.75m (69")
Weight:	300kg (661lb)
Work Table Dimensions:	0.8 x 0.5m (31.5 x 19")

FEATURES & BENEFITS

1. New generation stable and efficient RF power generator.
 2. Pneumatic Foot Operation for precise material and weld placement.
 3. 7" color touch screen with programmable HMI with PLC system. Easy to use intuitive operating menu with machine specific software.
 4. StrokeDOWN System with crank-knob system for easy setup of height adjustment of welding electrode from the work table.
 5. Fully programmable PLC with memory settings.
 6. Custom dies available for versatile production.
 7. Goose neck or work table welding area.
- Ultrafast monitoring of arcs and overloads for protecting the integrity of the electrodes and the welded material.
 - Semi-automated weld cycles with 100 weld cycle recipe memory.
 - Auto-tuning for steady RF power feed to assure consistent welds.
 - RF emission protection.