

**THE MOST VERSATILE
RADIO FREQUENCY WELDER**



Aerospace



Green House



Athletic Mats



Roller Doors



Tents



+ More



The Most Versatile
RADIO FREQUENCY WELDER

Producing strong, durable and even welds is what the RFLex was built to do. The RFLex is the most flexible and easy to use RF welder available on the market. It's designed to cover a large range of power output configurations with the use of our exclusive RF autotuning system. The RFLex welder at its core is a 17kW RF powered machine. Using the most recent RF generator technology, our efficient RF machine will perform as most 22kW machines with a maximum RFLex welding surface being at almost 100 squared inches in a linear configuration. The RFLex is the most efficient, flexible and eco-friendly RF welder available.

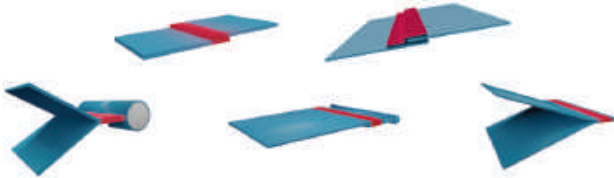
Applications:

- Tensile structures, tents, shade systems, truck covers and side curtains
- Sign and banner finishing
- Awnings, shades, boat covers and inflatables
- Containment pools, oil booms, ground liners
- Swimming pool liners and covers, flood dams and water tanks
- Thermoforming, protective garments, water and gas storage





ACTIVE SEAM TYPE RECIPES



TECHNICAL SPECIFICATIONS

| | |
|-------------------------------|---|
| Power Requirements: | 240 Volts - Three Phase - 60 Amp. 400 Volts - Three Phase - 40 Amp. 480 Volts - Three Phase - 40 Amp. |
| Electron Tube: | Air cooled metal-ceramic triode |
| Antiflash System: | Ultra fast solid state arc limiter |
| Control System: | PLC & 10" touch screen HMI |
| Electrode Length: | 1.19m (47") *Additional Sizes Available |
| Electrode Stroke: | 0.16m (6.3") |
| Air Requirements: | 2cfm @ 120psi |
| Power Output: | Approx. 17kW |
| Dimensions: | Width: 1.7m (66.9") Length: 1.97m (77.5") Height: 2.4m (94.5") |
| Weight: | 1,100kg (2,425lb) |
| Work Table Dimensions: | 1.6 x 0.8m (63 x 31") |
| Trough size: | 0.4 x 0.5m (15.75 x 19.75") |
| Electrode Mount: | QuickGRIP, pneumatic |



FEATURES & BENEFITS

1. Deep back table and trough with ample space behind the electrode for easy material handling.
 2. Easily switch dies with QuickGRIP release system of the electrodes.
 3. Easier material placement and better visualization of weld with built in LED illumination.
 4. Fully programmable PLC with 1,000 memory settings. 10" color touch screen HMI panel on a swing arm for using on any side of the machine.
 5. SAFEDOWN anti-crush electrode safety motion system.
 6. RF autotuning for efficient and consistent welds.
 7. RF emission protection.
 8. Line up your material accurately every time with joystick and foot pedal precision.
- Downstroke control.
 - Optional impulse electrode.
 - Ultrafast sensitive ARC sensor & output overload protection.
 - Custom dies available for versatile production.
 - Optional Free Weld