



## High Frequency welding machine RV-HF-3000

### Specification

Model	RV3000Sseries
Voltage	Single phase 50Hz ,220V±10%
Frequency	27.12MHz ±0.5%
Cooling	Air cooling
Air requirement	6 bar
Welding width	20mm-50mm
Welding speed	0-6m/min
Certification	CE
Welding table length	From 6m to 54m *
Floor requirement	950 mm x 6000mm, 5.7 m <sup>2</sup> (Standard)
Weight	780kg (6m Standard)

- Standard configuration for welding table is 6m. Table module length is 3m.
- Patented idea – Combination of HF and continuous movement .
- Optional table length.
- Smooth and perfect output.
- High speed.
- Low power request.

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- Series Continuous RV Welder is a set of brand-new HF welding equipment, based on an unique continuous HF welding theory.
- Basically, HF welding technology takes advantage of electronic tube self-surge reaction to generate a high frequency electric field between upper and down electrodes, to heat the welding material (polar plastic) molecularly till melting, then welding them together under the pressure of the welding head.
- Continuous RV welder, whose welding head do continuous movement accompanying the trail-guided main machine moving, overcomes the disadvantage of the traditional intermittent HF welder, to be possible of welding long distance, especially for tens meters, and large size welding material in a better speed and quality.
- Typical applicants: Advertisement Flexible & Banner, Housetop Tarpaulin, swimming pool for PVC membrane, Membrane toy and big size PVC membrane plastics used in architecture .

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THANKS

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