

# THERMEX THERMATRON®

## RADIO FREQUENCY BAR HEAT SEALER

**Thermex Thermatron, LP**, the foremost name in industrial RF equipment, presents a new generation of Radio Frequency Bar Heat Sealers. This cutting edge innovation is designed to weld and bond a wide range of materials from polyurethane and vinyl to acrylic and pliofillm.

From the versatile, rugged, heavy-duty, low friction presses to the powerful, efficient, frequency-stabilized generators, **Thermatron** Engineers have created equipment delivering maximum efficiency and speed at minimum operating costs. Our RF Bar Heat Sealers represent significant technology advances that has made **Thermatron** equipment the standard by which others are measured.

**Common Uses:** Welding and heat sealing of Thermoplastic materials

### Features:

- Solid state power supply
- High efficiency oscillator circuit
- Built in D.C. overload protection circuits
- Air exhaust silencers for noise free operation
- Pneumatic press speed controls
- Frequency stabilized generator at 27.12 MHz +/- 0.6%
- Three (0-99) seconds electronic timers - pre-seal, seal and cool
- Air filters, water trap lubricator and pressure regulator for carefree maintenance
- SAT two hand electrical safety system with OSHA approved dual lock non-tie down controls
- Exclusive RF power feed to assure equal voltage distribution and uniform sealing
- Optional laser and PLC available



**Model F15-55 Shown Above**

## *Let Us Build One For You*



## RADIO FREQUENCY BAR HEAT SEALER

### OPTIONAL ACCESSORIES:

- Electro-mechanical turntables
- Manual and powered shuttles
- RF switching network
- Quick disconnect for easy die change
- Automatic roll fed indexing systems
- Arc suppressor self-tester

### SPECIFICATIONS:

Model Number	F10-55	F15-55	F20-55
Power Output (Adjustable)	10kW	15kW	20kW
Input Voltage*	190/250V	190/250V	190/250V
Current Per Phase	50 Amps	70 Amps	93 Amps
Phases	3	3	3
Input Power KVA	17	24	32
Bed Plate Dimensions	12" x 54"	12" x 54"	12" x 66"
Upper Platen Dimensions	1" x 48"	1.5" x 48"	1.5" x 60"
Overall Dimensions	81" high 54" wide 67" deep	86" high 54" wide 69" deep	86" high 66" wide 69" deep
Day Light (Adjustable)	4"	4"	4"
Throat Depth	27.5"	27.5"	27.5"
Diameter x Stroke	6" x 8"	6" x 8"	6" x 8"
Force @100 PSI	2825 lbs	2825 lbs	2825 lbs
Weight	2575 lbs	2700 lbs	3050 lbs

### APPLICATIONS INCLUDE:

- Medical devices
- Tents and tarps
- Automotive carpets, mats & visors
- Containment booms & barriers
- Pool liners & covers
- Inflatable items - airbags, pipe plugs, recovery floats, life vests & watercraft
- Pit liners & covers
- Seat cushions

\* Standard voltage is 60 cycles; 50 cycles and other voltages available.

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