

RF PLATEN PRESSES

In RF welding equipment, quality, reliability and safety have become synonymous with the name **Thermatron**. Our line of RF Platen Presses is no exception. **Thermatron** engineers have created systems delivering maximum efficiency and speed at minimum operating costs. The RF Platen Presses represent significant technology advances that have made **Thermatron** equipment the standard by which others are measured.

Our platen presses can be manufactured in two configurations. The F Series RF System pictured below can be engineered for adjustable output power from 10kW to 30kW. The KF Series RF System show on the following page has adjustable output power from 4kW to 10kW.



**Model Pictured: F10-25
with Optional Front Load Shuttle**

Common Uses: Welding and 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
- Up and down pneumatic press speed controls
- Frequency stabilized generator at 27.12 MHz +/- 0.6%
- Air filters, water trap lubricator and pressure regulator for carefree maintenance
- Two (2) hand electrical safety system with OSHA-approved Dual Interlock, non-tie down controls
- Exclusive RF power feed to assure equal voltage distribution and uniform sealing
- Standard voltage is 60 cycles; 50 cycles and other voltages optional
- Height of bed surface from the floor is approximately 36"

Let Us Build One For You

RF PLATEN PRESSES

SPECIFICATIONS:



Model Pictured: F10-25
optional Front Load Shuttle

MODEL	F10-25	F15-25	F20-30	F30-30
Adjustable Power Output	10kW	15kW	20kW	30kW
Bed Plate	25" x 36"	25" x 36"	30" x 36"	30" x 36"
Upper Platen	18" x 20"	18" x 20"	18 x 20"	24" x 26"
Dimensions	81" High 36" Wide 65" Deep	86" High 36" Wide 67" Deep	86" High 36" Wide 70" Deep	108" High 43" wide 91" Deep



Model Pictured: KF62/SP40
optional Front Load Shuttle

MODEL	KF42/ SP40	KF62/ SP40	KF82/ SP40	KF100/ SP40
Adjustable Power Output	4kW	6kW	8kW	10kW
Bed Plate	25" x 36"	25" x 36"	25" x 36"	25 x 36
Upper Platen	18" x 20"	18" x 20"	18 x 20"	18 x 20
Dimensions	87" High 31" Wide 42" Deep	87" High 31" Wide 42" Deep	87" High 31" Wide 42" Deep	87" High 31" Wide 42" Deep

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Our F Series 10kW – 30kW models feature:

- Adjustable daylight of 7"-11"
- Throat depth of 12 ½" - 16"
- Diameter x Stroke of 6" x 8"
- Force @ 100 PSI – 2000 - 2825 lbs

Our KF Series 4kW – 10kW models feature:

- Adjustable daylight of 9½"
- Throat depth of 12½"
- Diameter x Stroke of 5" x 8"
- Force @ 100 PSI – 2000 lbs

NOW FEATURING
IEC Controls
Easy Access to Oscillator
Circuit
Fewer Oscillator Parts

OPTIONAL ACCESSORIES:

- Electro-Mechanical Turntables
- Automatic Roll Fed Indexing System
- Manual Powered Shuttles
- Quick Disconnect for Easy Die Change
- Exclusive RF Switching Network
- Arc Suppressor Self Tester
- Heated Upper Platen

APPLICATIONS INCLUDE:

- Blood Pressure Cuffs
- Medical Collections Bags
- Medical Devices
- Tents & tarps
- Automotive carpets, mats & visors
- Pool and Pit liners & covers
- Seat Cushions
- Containment booms & barriers
- Inflatable items: airbags, pipe plugs, recovery floats, life vests & watercraft

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