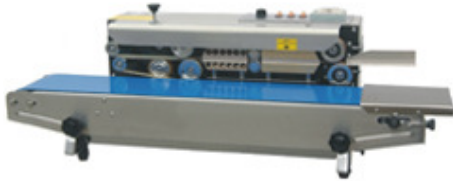


BEE Packaging (719) 344-8144

Product Specification Sheet

FRB-770/DBF-900 Continuous RapidSealer™



FRB-770



FRB-770 w/stand



DBF-900

Introduction:

The FRB-770/DBF-900 Continuous *RapidSealer™* is the most reliable and longer lasting sealing machine available on the market. Made with industrial grade parts this machine can run for up to 6 years before any repairs are needed. Especially manufactured to speed up production and lower cost, this machine has become the quality standard for all of our machines. Capable of embossing up to 45 characters at one time, and able to heat seal any material used in flexible packaging with up to 400 C°, make it the perfect *RapidSealer™* for any type of business.

Technical Data Sheet for RapidSealer™:

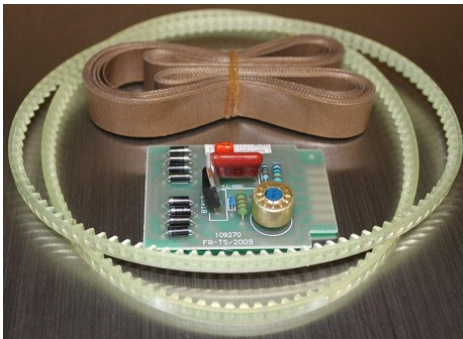
Sealing Speed:	16m/min; 630in/min
Sealing Width:	Min seal width 1/8"; max seal width 5/8"
Temperature Range:	0 to 400 C°; 32 to 752 F°
Voltage:	110V (Also available on 220V in a wide variety of plugs)
Hertz:	50 Hz. for 110V; 60Hz. for 220V
Power:	500 Watts; 4.55 Amps
Embossing capabilities:	Up to 45 characters divided in 3 sections.
Max. Load on Conveyor Table:	11 lbs; 5 kg
Machine Size:	33" x 15" x 13"
Weight:	70 lbs; 32kg (packaging included)

Features:

- All Metal Construction available with a Stainless Steel Finish or a Powder Coated Finish.
- Solid state Temperature Controller.
- Embossing attachment included.
- Number kit included.
- Seals a minimum of 45 (Test production: 3.4" x 4" pouches) bags per minute.
- Available in Vertical or Horizontal Configurations.
- Available on the left to right configuration.

Accessories:

- Spare Parts Kit (77XSPPTKT)
- Stainless Steel model
- Left to Right Configuration
- Separate stand with casters
- Conversion Kit (77XCVRSKT)
- Bag Counter
- Letter Kits (77XLTRKT)



Spare parts kit (77XSPPTKT)



Letter Kit (77XLTRKT)



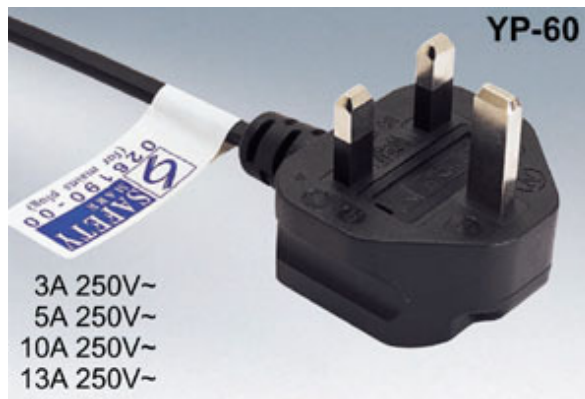
Conversion Kit (77XCVRSKT)

Plug Selection:

In order for us to serve our customers better, we have designed all of our 220 Volt RapidSealers™ to work with all the types of plugs that are used around the world. Here you can see examples of the 3 major plugs available with our machines. We have a large selection of plugs, which can be provided to the customer upon request.



Category A: North/Central America



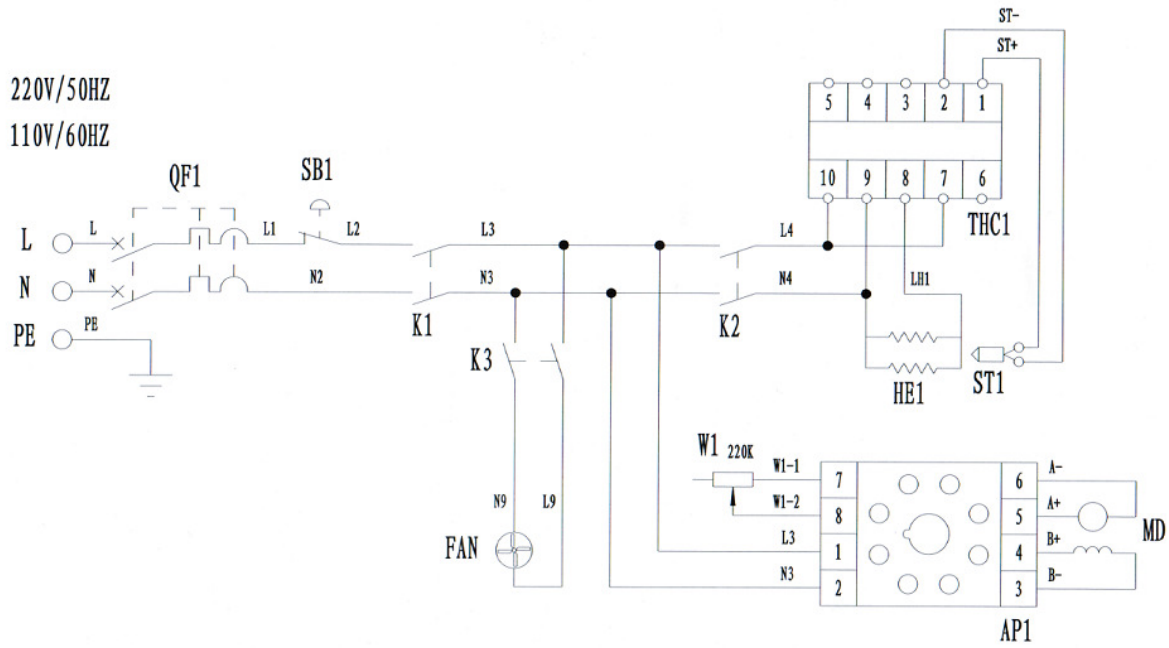
Category B: United Kingdom and Ireland



Category C: Member states of the EU (Europe)

Electrical Diagram/Internal Components:

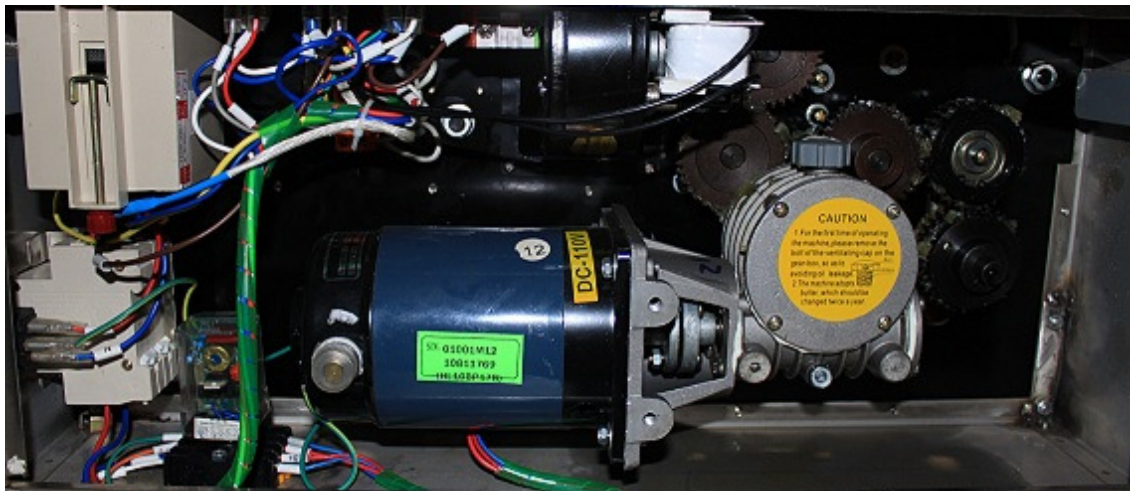
Electrical Diagram:



- QF1: Power Breaker
- SB1: Emergency Stop Switch
- K1: Power Switch
- K2: Sealing Switch
- K3: Fan Switch
- W1/AP1: Speed Regulating PC Board

- MD: Motor
- FAN: Axial Fan
- THC1: Temperature Controller
- ST1: Thermocouple
- HE1: Heating Elements

FRB-770 Internal Components:

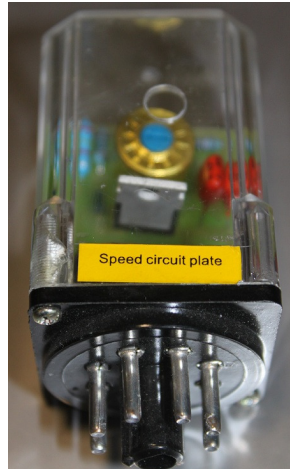


Major Design Upgrades 2008 to 2010:

As part of our commitment to innovation and change, we have over the years upgraded our RapidSealer™ line to increase long term reliability and performance. Here you can find a detailed list of all the major upgrades done to our RapidSealers™ in the last few years.

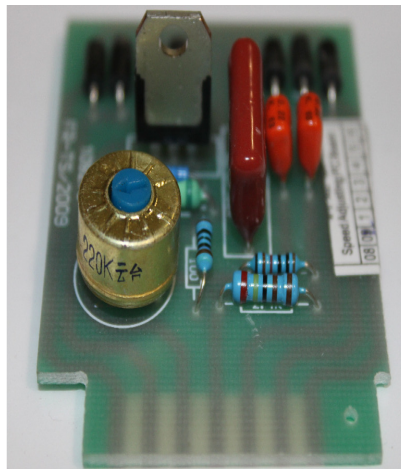
March 2008:

After years of only using a single 20A fuse as protection against short circuits/electrical overloads, the speed circuit plate is introduced to all of our RapidSealer™ models. This new part is able to not only regulate the speed of the machine but to act as a second fuse, and protect the machine in case of an overload.



February 2009:

The speed circuit plate is replaced by a speed adjusting board. A more advanced and cost effective alternative that allows both an increase in speed and a wider range of speed options. At the same time, the speed adjusting board also allows for a higher protection against short circuits.



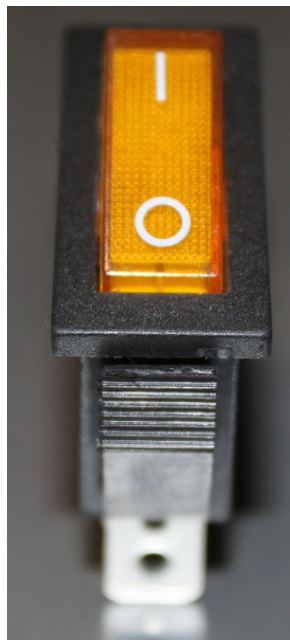
July 2009:

The temperature relay is added to our RapidSealer™ product line. This new part allows the machine to have a consistently accurate temperature reading. It also extends the life of the temperature controller.



January 2010:

The narrow rocker switch used for more than 4 years is replaced by a more advanced, and longer lasting rocker switch. This new switch is easier to use and dramatically increases long term reliability on all RapidSealer™ models.



January 2010:

A completely new Emergency Switch is added to our RapidSealer™ line. A new safety measure implemented thanks to our positive customer feedback.



June 2010:

A redesigned speed adjusting PC board is added, this new board eliminates the need for a temperature relay and a fuse. However, it is Impak's decision to add a higher quality 20A fuse as a backup protection.

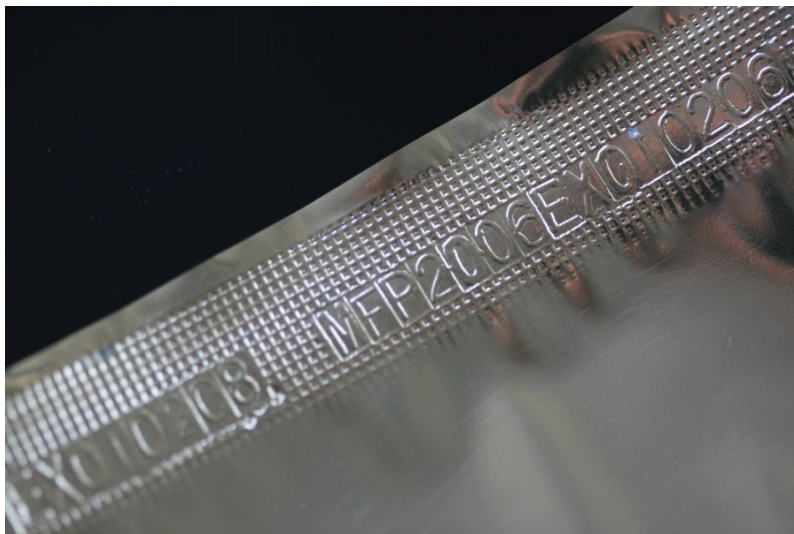


Sealing and Embossing Examples:

All of our *RapidSealers™* are capable of achieving a maximum heat temperature of about 400 C°/ 752 F°. This feature allows our machines to seal most types of materials being used for flexible packaging. The FRB-770 is also capable of embossing up to 45 characters at one time into the seal of the bag. Here are some examples of these two features using some 5.0 mil Mylar bags:



Examples of sealing and embossing on different types of Mylar bags.



Close up of sealing and embossing on a silver (dull) Mylar bag.

Features, technology and specifications are subject to change without further notice.

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