IMPAK

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.

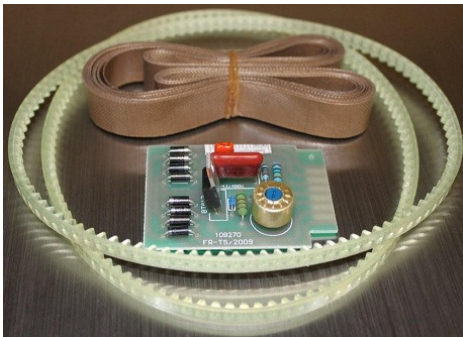**Technical Data Sheet for *RapidSealer™*:**

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 (77XLTTRKT)

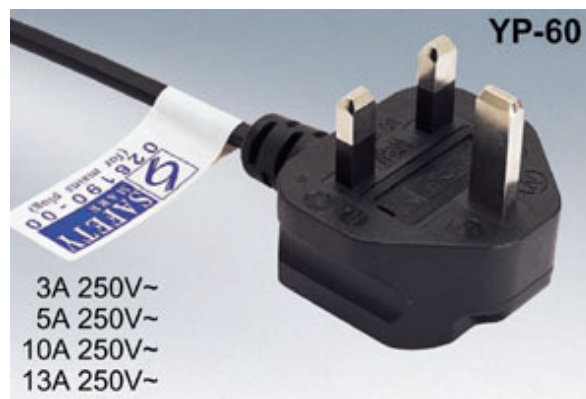|		
Spare parts kit (77XSPPTKT)	*Letter Kit (77XLTRKT)*	*Conversion Kit (77XCVRSKT)*

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.
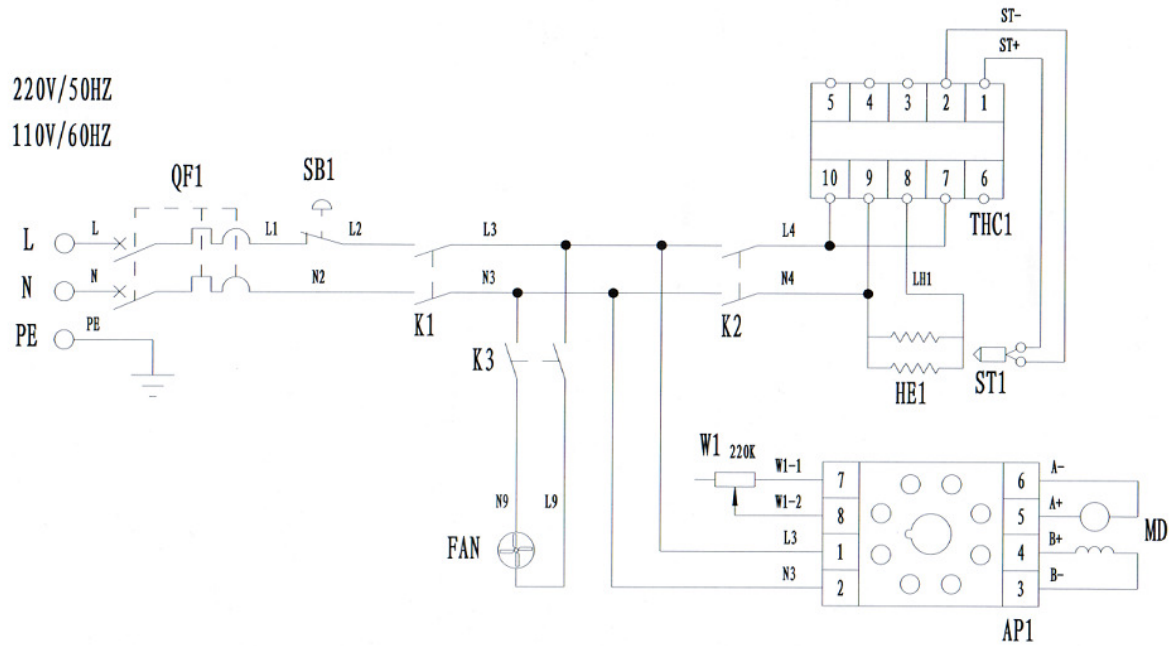

Category A: North/Central America

Category B: United Kingdom and Ireland

Category C: Member states of the EU (Europe)

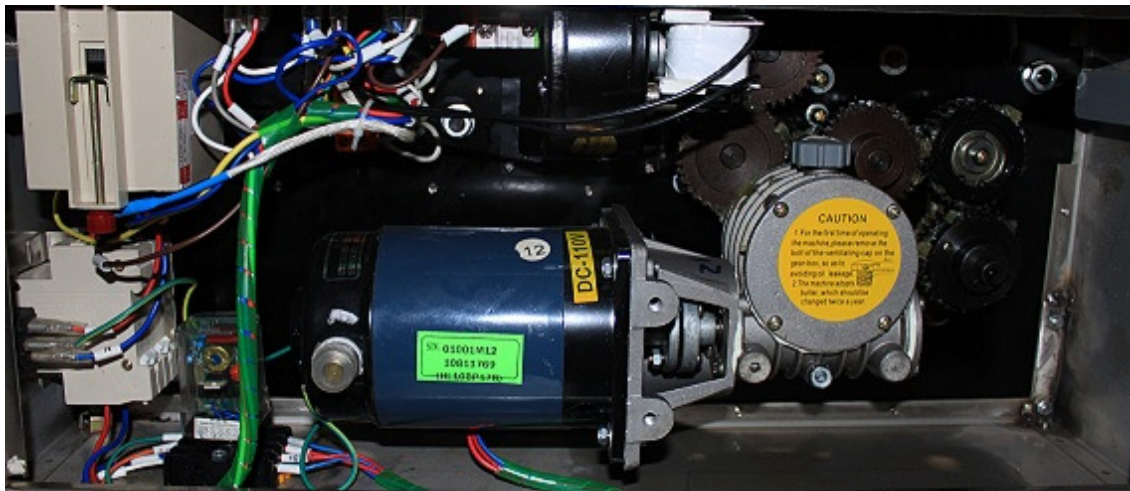**Electrical Diagram/Internal Components:**

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
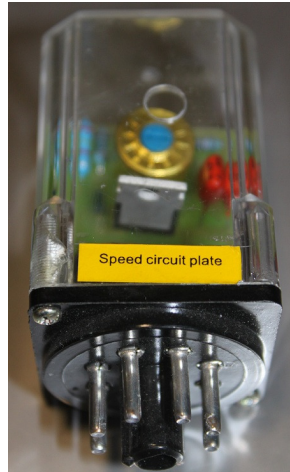
FRB-770 Internal Components:

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.
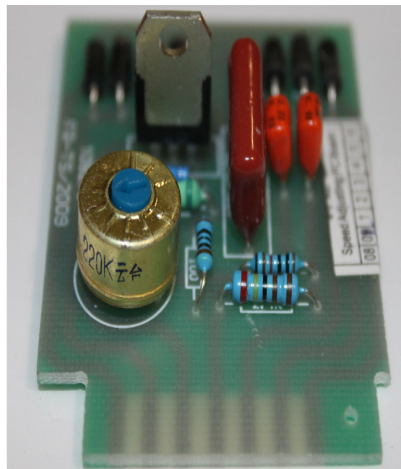
March 2008:
After years of only using a single 20A fuse as protection against short circuits/electrical overloads, the _speed circuit plate_ is introduced to all of our _RapidSealer™_ models. This new part is able to not only regulate the speed of the machine but to act as a second fuse, and protect the machine in case of an overload.
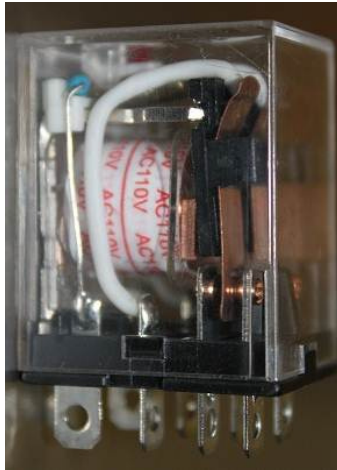

February 2009:
The _speed circuit plate_ is replaced by a _speed adjusting board_. A more advanced and cost effective alternative that allows both an increase in speed and a wider range of speed options. At the same time, the _speed adjusting board_ also allows for a higher protection against short circuits.
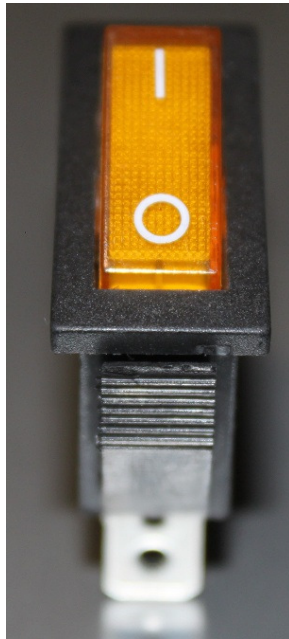
July 2009:
The *temperature relay* is added to our *RapidSealer™* product line. This new part allows the machine to have a consistently accurate temperature reading. It also extends the life of the *temperature controller*.

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.
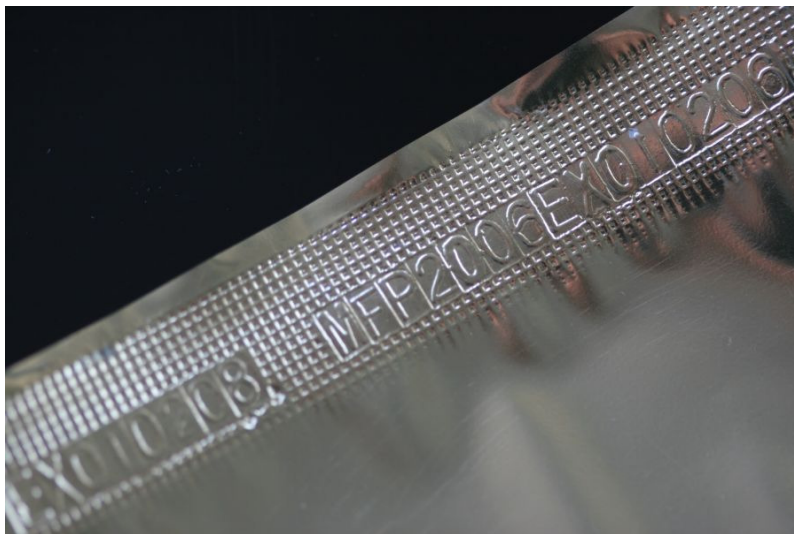
Sealing and Embossing Examples:

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.