

EM 2024 SEMI-AUTOMATIC SEALING MACHINE

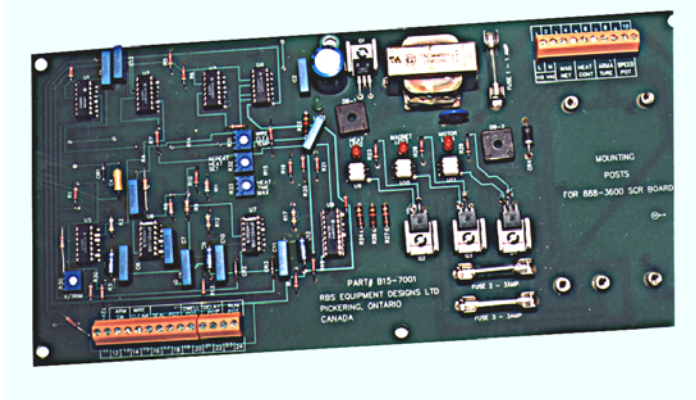


RBS EQUIPMENT DESIGNS LIMITED - PICKERING, ONTARIO, CANADA

GENERAL DESCRIPTION

The model EM is a semi-automatic "L" bar sealer designed to cycle at speeds up to 20 packages per minute. The basic machine comes equipped with a discharge conveyor, magnetic hold down for the sealing head, perforator roller and floor stand with castors. It can be fitted with the optional Teflon blind assembly and a powered film inverting head with ground level loading of the film roll.

CIRCUIT LOGIC BOARD



EASIER TO USE

The sealing head is fully counterbalanced (no springs are used to return the seal head to the raised position). It employs a cushioning cylinder to stop the sealing head smoothly when the sealing cycle is ended. The temperature compensation circuit provides an accurate sealing temperature over a wide range of operating speeds. The large front mounted electro-magnet ensures that each seal is the strongest possible.

LOW MAINTENANCE

Sealing head and conveyor use sealed ball bearings. The sealing system is a low voltage impulse resistance .036 wire. The lower sealing pads are retained in channels and can be changed in a matter of minutes.

DURABILITY

The machine is constructed from heavy gauge sheet metal which is painted blue hammertone; the loading tray is stainless steel.

DISTRIBUTED BY

VARIABLE SPEED DISCHARGE CONVEYOR

The conveyor drive is a ¼ H.P. D.C. gear motor which is controlled from a logic board. Dials are provided on the front panel to regulate the speed at which the conveyor runs, the length of time which the conveyor runs and the delay time before the conveyor runs.

SEALING TEMPERATURE

The logic board controls the amount of heat that is applied to the sealing wires each time the machine is cycled. The board automatically compensates for different operating speeds. If the machine is cycled at a slower speed the sealing wire will have more time to cool between sealing cycles; the logic board will compensate by supplying a longer heating cycle. The temperature is set by a dial on the front control panel.

SEALING DWELL

A dial is provided which controls how long the sealing head will remain closed after the heat has been removed from the sealing wire.

TEFLON BLIND ASSEMBLY

The sealing head is pre machined for the Teflon support rods. The sealing head counterbalance is adjustable to compensate for the added weight of the Teflon blind assembly.

FILM INVERTING HEAD

The unit bolts to the rear of the machine. A control panel is provided which allows for film direction reversing and the speed of the film discharge.

SPECIFICATIONS

Package Sizes:	Maximum -	18" wide 23" length
Film	Maximum -	24"
Drive(s)	D.C. Variable Speed	
Voltage	120/208 Single Phase 3 Wire 10 Amps 60 Hz.	
Footprint	38" wide	63" long