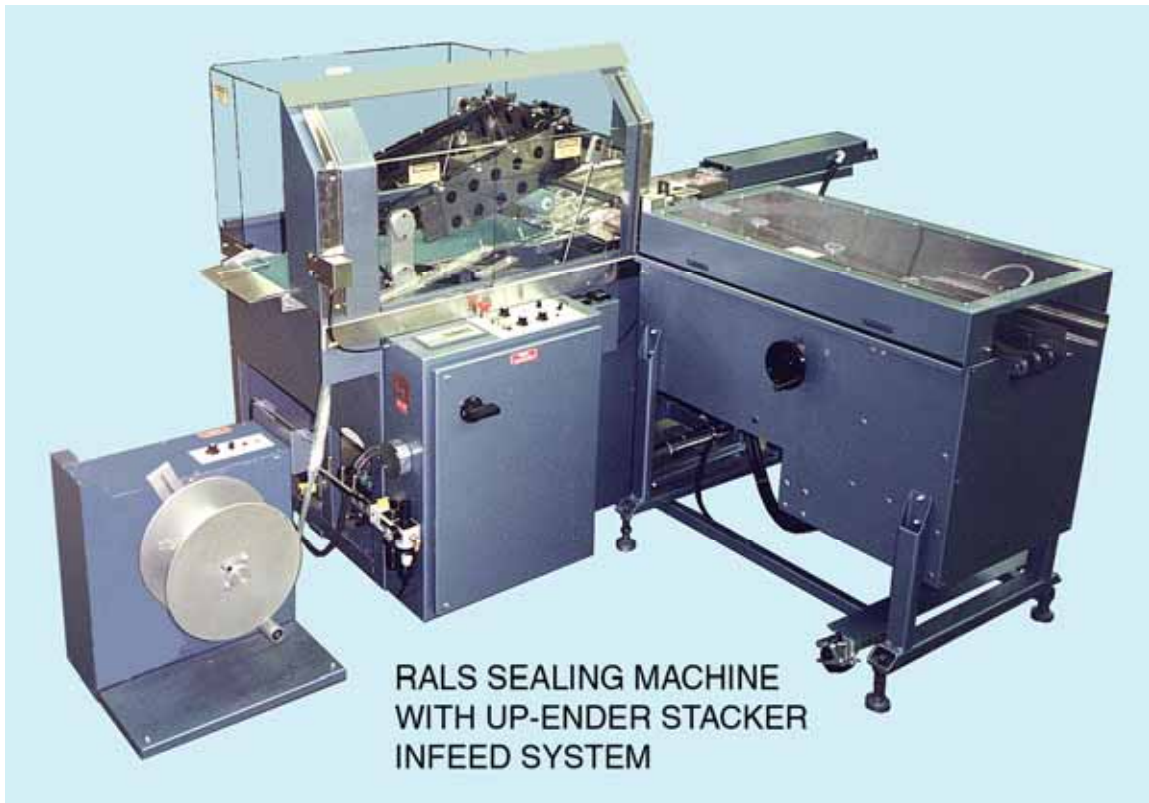


# **RALS AUTOMATIC SEALING MACHINE**



## **GENERAL DESCRIPTION**

The RALS machine is an automatic right-angled infeed "L" type sealing machine designed to meet the requirements of users who need multiple unit packaging. The machine employs a programmable controller and display with keyboard for input of timer and counter values. The programmable controller is used to operate every function of the machine. The number of strokes per package can be changed to provide the required number of rows. By changing the width of the pusher plate, the required number of units can be varied. Transfer between the infeed area and sealing area is accomplished by a transfer plate, which moves into position to bridge the gap when the sealing jaws are open. The transfer is extremely smooth due to the fact the sealing area and infeed sections are the same height. This is accomplished by a scissors type sealing jaw assembly, which opens to provide access for the transfer plate and product. The sealing elements are temperature controlled by a temperature control logic circuit within the controller, which controls the impulse heat. Constant heat is variable and is applied between cycles. Sealing jaws can be raised or lowered to the required height by means of a hand wheel. The entire sealing jaw assembly is mounted on ball bearings which run on rails and which can easily be adjusted to obtain the correct sealing area size. Film is supplied from a surface film unwind system which is power driven and can be adjusted to provide variable film tension. Infeed, discharge and film drives are of variable speed. Pusher, loading tray and sealing jaws are pneumatically operated.

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Excess film is removed by a scrap rewind system, which has a split drum for easy removal of the scrap film. The frame is built with tubular steel. Sheet metal guards and panels are used to enclose the machine.

## **DURABILITY**

The machine is built with a steel frame that supplies the necessary rigid base for the other components that are mounted to it. All conveyor rollers and seal head support points use sealed ball bearings, which need no further lubrication. The sliding infeed tray is supported on sealed linear bearings.

## **SPECIFICATIONS**

<b>Seal Area:</b>	20 X 24
<b>Package Size:</b>	Maximum - 17" wide 21" length
<b>Film</b>	Maximum - 26"
<b>Drives</b>	
<b>Film Unwind</b>	D.C. Permanent Magnet
<b>Infeed</b>	D.C. Permanent Magnet
<b>Discharge</b>	D.C. Permanent Magnet
<b>Film Rewind</b>	D.C. Permanent Magnet
<b>Voltage</b>	120/208 Volts Single Phase Three Wire 15 Amps 60 Hz.
<b>Footprint</b>	55" wide 92" long
<b>Compressed Air</b>	4 CFM @ 75 PSI