

MODEL S79 ALL AIR AUTOMATIC MARKER



The Model S79 all air automatic marker is similar in design to the Model SE680 electric machine except that it is completely air operated. It is recommended for installations where the operation of electrically powered equipment could be hazardous because of surrounding environmental conditions. It also can be mounted for vertical (top or bottom) or horizontal marking and has the advantage of higher speed operation with a capability of marking up to 450 moving items per minute.

The Model S79 can be adjusted to mark a wide variety of product shapes and sizes; however, the imprint area must be relatively flat. For best results, items of a uniform size or shape involved in a specific run should not vary dimensionally more than $\frac{1}{16}$ inch in the marking area.

HOW THE MODEL S79 OPERATES

An air switch mounted on the conveyor line is actuated by the products as it passes. Compressed air is then fed by the switch to a 4-way valve which in turn cycles an air cylinder downward for the marking stroke, then upward into position for the next marking sequence. The standard air switch furnished with the S79 marker requires approximately $5\frac{1}{2}$ ounces of pressure for activation. No other control is required to complete a full marking cycle.

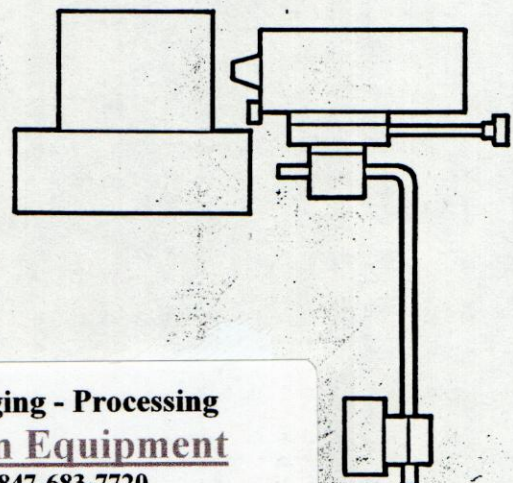
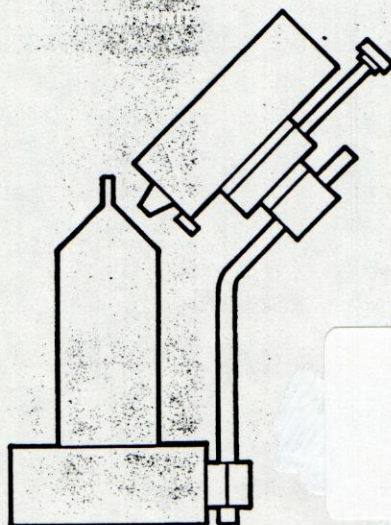
SPECIFICATIONS:

Dimensions:

Height: (Overall, including micromatic adjustment control) $10\frac{1}{4}$ " to $12\frac{1}{4}$ "
 Depth: $4\frac{3}{4}$ "
 Width: 6"
 Cover Arc: 8"
 Weight: 8 lbs. 8 ounces
 Marker: 4 lbs. 8 ounces
 Mounting Bracket: 4 lbs. 8 ounces
 Power Requirements: 50 to 60 PSI at 4 C.F.M.

SPECIAL FEATURES (Standard Equipment)

- ✦ New 4-way valve for accurate high speed marking with a minimum amount of maintenance.
- ✦ Automatic inker reduces down time by permitting longer continuous runs without re-inking.
- ✦ Micromatic adjustment for precise control of marking head travel and uniform clear impressions.
- ✦ Hinged "swing-up" cover for easy marking head changes, lubrication and maintenance of internal parts.



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