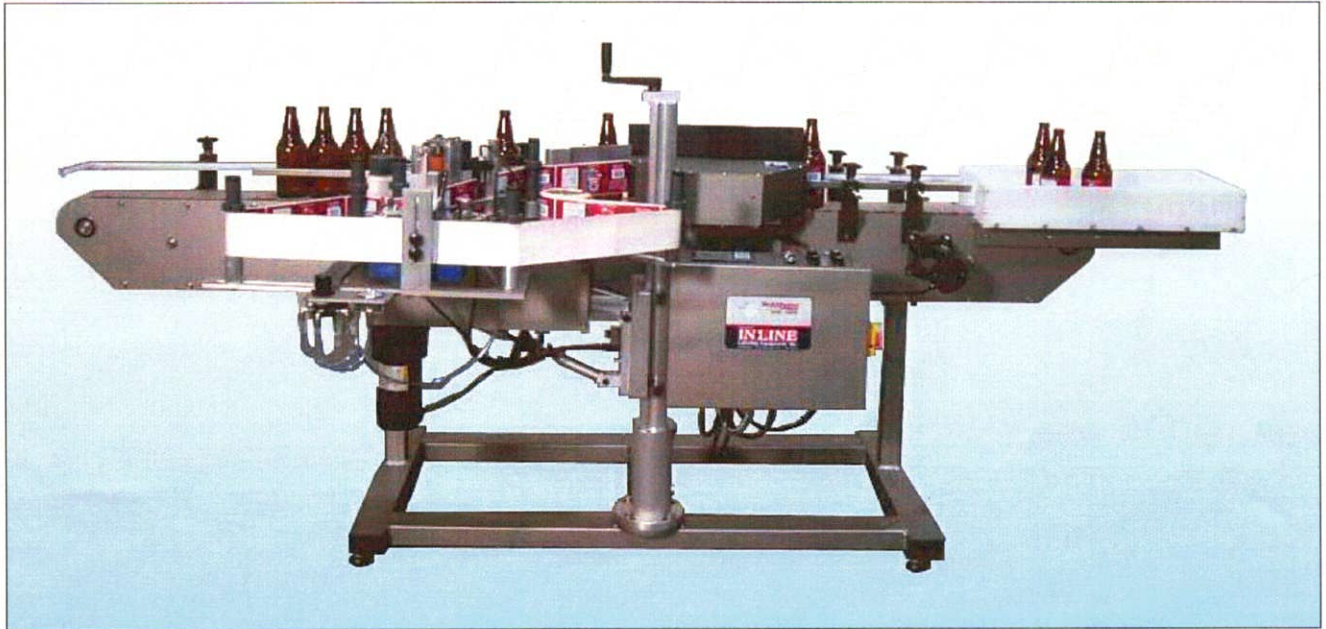


# Operation Manual

---

1000 Meheen



## Pressure Sensitive Labeler

**In-Line Labeling Equipment, Inc.**

7282 Spa Road, North Charleston, SC 29418

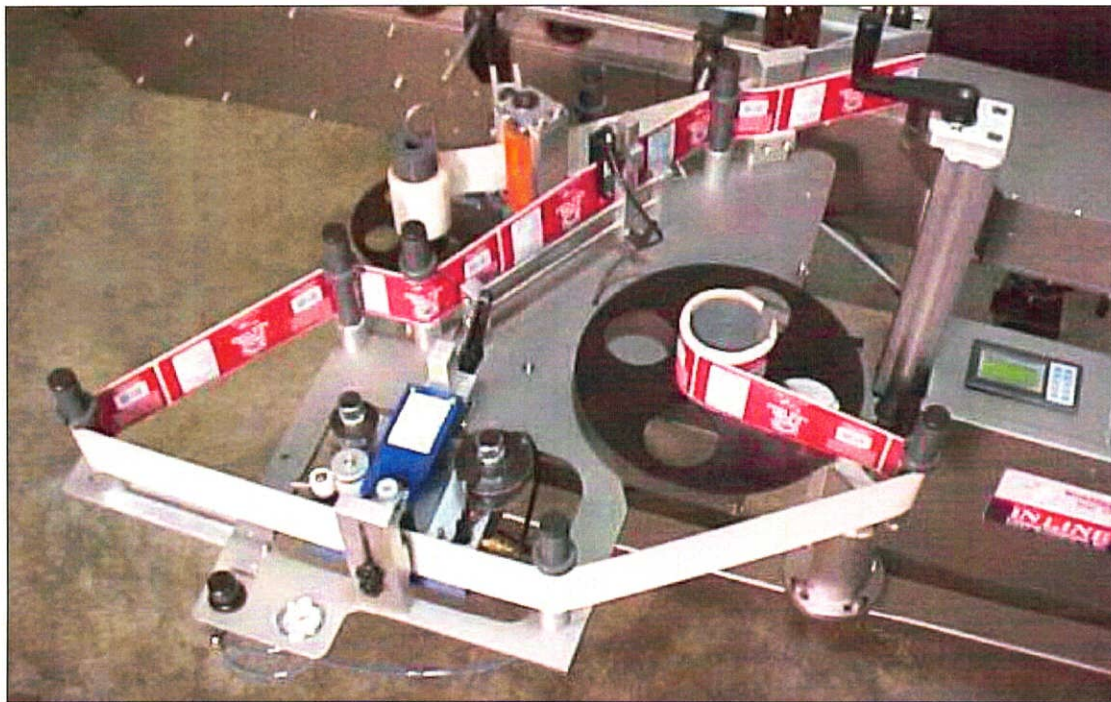
Phone: 843.569.2530 Fax: 843.569.2531

[www.labeling.net](http://www.labeling.net)

## Section One - General Information

### 1.1 Specifications - Standard machine

Item	Specification
Label Height	1 inch to 4 1/2 inches
Label Width (length)	1 inch to 14 inches long
Speed	Variable to 1,000 ipm
Maximum Rate	100 Labels/minute
Label Gap	1/8 inch standard (up to 1/4 inch on some)
Core Size	3 inches in diameter
Roll Size	Maximum 12 inches
Product Detection	Photoelectric eye
Label Detection	Photoelectric eye
Power Requirements	120 VAC, 60 hz, 10 amp
Compressed Air	3-4 cfm @ 65 psi optional



Label Station shown with Hot Stamp Coder



## 1.2 Functional Description of Machine

The model 1000 Meheen is a fully automatic labeling machine capable of applying labels to round or square containers. The machine functions in this manner:

- Products are detected by the photo electric eye as they travel by the labeling head.
- This signal initiates the delay, which is adjustable in the PLC.
- After the time delay is complete the label is dispensed from the peel plate. The label will continue to dispense until the end of label signal is received from the label gap sensor.
- The label gap sensor is either a micro switch device that detects the gap using the difference in thickness between the label and the web backing or a fork photo eye (through beam).
- The micro switch mechanism operates by opening as the spring tension of the switch forces it into the gap between labels and then closing when forced back up onto the next label. The fork photo eye “sees” through the gap between labels but not through the label.
- When the label gap sensor detects the end-of-label gap the signal stops the motor that turns the drive roll and the label stops dispensing.
- The wrap station “spins” the bottle, wrapping the label around it, by compressing the bottle between the spin belt and the back compressor pad.
- When the product being labeled has cleared the photo eye the next product can now enter and start the cycle anew.

