



Automatic High Speed Wet Glue Labeling Machine GHL-300



"GMP" Automatic High Speed Wet Glue Labeling Machine is automatically labels round container of glass, plastic, aluminum, pet, cardboard container, will wrap-around labels in the vertical position by using cold glue. Automatic High Speed Wet Glue Labeling Machine is rigid, versatile and engineered for reliability and enhance operational efficiency in addition, it has several exclusive features which offer additional advantages.

Operation:

Round containers which are fed on the conveyor are positioned accurately by the FEED WORM at the labeling points. The synchronized LABEL TAKER draws the label from the LABEL BOX on account of vacuum. Subsequently, code is printed by the printing device. The coded label now passes on to the rotating MAIN LABEL CYLINDER which is also under vacuum.

The rotating GLUING ROLLER receives uniform layer of glue from The Gluing Pot. It transfers the glue on to the label at the MAIN LABEL CYLINDER.

At the labeling point the properly positioned round container is partly wrapped around with a glued label on account of the rotational movement of the MAIN LABEL CYLINDER. Later the container passes through a ROLL ON device and PRESSING BELT. This sequence ensures neat and perfect fixing of the label on the container.

A system consisting a series of SOLENOID & PHOTOCELLS ensures sequential precision. Code printing, gluing and labeling are taken care of by this system. Also other parameters e.g. No. container-No label, No label-No gluing are controlled by this system.

Machine Specifications:

Model	GHL – 300
Direction of Movement	Left to Right.
Output / Per hour	18000
Electrical Rating	1 HP two speed motor (1500/3000 RPM) for main unit.
	1 HP for Vacuum pump.
Power Characteristics	440 Volts. 3 Phase (4 wire system). 50 cycles/sec.

** Depending on the size of container, label & glue. ** We can supply as per customer requirements. *** With help of change parts.*

Salient Features:

- S.S. cladding or hard chrome plating of all exposed parts ensures long life and resistance against corrosion.
- A high efficient vacuum pump maintains the operation sequence of label taker and main label cylinder at high speed.
- 'No Container no label' System.
 - Full Gear System.
 - Vacuum Pick-up System (No label finger) specially designed roller thrust bearing ensures smooth and trouble free operation.
- 'No Label No gluing' photocell sensing device avoids unnecessary smearing of glue on the main label cylinder.
- No changeover parts are required for change of height up to 10 mm. (from bottom edge of the container) for the same size of container and label.