

Linear Labeling machine

Roll feed Self-Adhesive linear labeling machine

Widder Industrial group's packaging / Bottled up machinery is the result of practical experience, following of unique, specific & special rolls and industrial standards and also using of non-stop R&D policy in manufacturing of updated, tough & high performance machinery.

Widder Ind'l. group Roll feed self-adhesive Linear labeling machine consists of 1 / 2 / 3 labeling applicators and container timing and /or wrapping around conveyors which have been installed in one or both sides or above of one/ or two level conveyor all mounted on a heavy duty chassis synchronously working together providing output from 3500-10,000/bph.

Main Features:

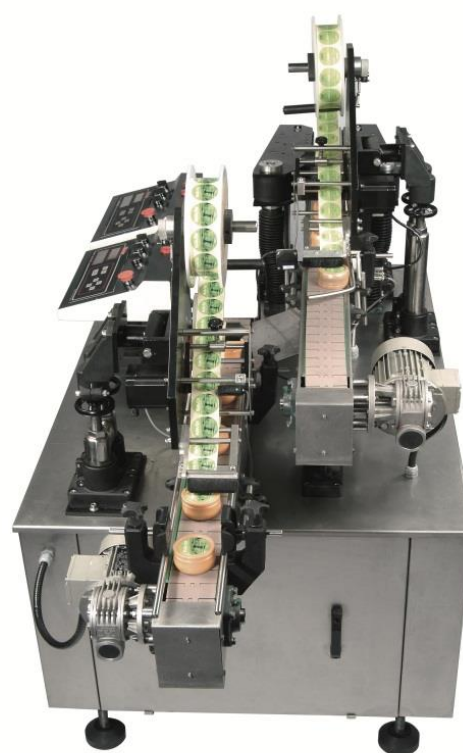
- The conveyor chain moves filled or empty bottles smoothly to the timing belts. Then the upper conveyor pushes them from top to move them from the labeling applicators area applying labels and passes them to the wrap around unit if applicable under Traction pressure of its driving system.
- The main conveyor's body is made of stainless steel and the chain is acetyl resin. The sizes of bottles' bottoms are different from 80mm up to 190mm with 2500-3000mm long.
- The upper conveyor's body is made of stainless steel and equipped with timing belt with 1900 mm long and is equipped with motorized screw jack elevator for height adjustment.
- Two horizontal timing conveyors have been installed on Adjustable stand with Set screws in both sides of the main conveyor entry.
- A combination of 1, 2 or 3 units of label applicators have been installed on Adjustable Tripod System with Set screws around the main conveyor. Each one has equipped with fast driven stepping motor.
- One horizontal belt conveyor and related front press have been installed on adjustable stand with Set screws in both sides of the main conveyor exit. (Wrap Around models).
- The machine driving system is a combination of appropriate 3 phases electro motor which is equipped directly with a well-chosen reducing unit.
- The electronic control which has been equipped with touch screen system has installed on top of top conveyor or on top of base cabinet (in wrap around models) with 180 degree Rotation.
- The electric controlling parts as well an electronic inverter are mounted inside a box which is installed inside of base cabinet which has been choose from best European licensed brands.
- All above mentioned components and parts have been installed on a 1000X1300mm stainless steel heavy duty cabinet.



Two sides labeling machine



Wrap Around labeling machine



Two sides top labeling machine



Stand alown label applicator



Top labeling machine



Four sides labeling machine



Three Top & sides Labeling



Timing belts & adjustable stand

Technical Descriptions of Widder's Linear Labeling Machines

| Description | Top Labeling | Wrap Around Labeling | Two-Three sides Labeling |
|--------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| Volume of Containers | 35-5000 ml | 50-3000 ml | 50-5000 ml |
| Min & Max Containers height | 35-450 mm | 35-350 mm | 25-350 mm |
| Container base | No Limitation | circular and Conical | Rectangular, circular and Conical |
| Label Height Min/Max | 10-250mm | 10-250mm | 10-250mm |
| Label width Min/Max | 15-450mm | 15-450mm | 15-450mm |
| Label material | Paper- Plastic/Transparent | Paper- Plastic/Transparent | Paper- Plastic/Transparent |
| Applicator nominal speed | 35 M/Min | 35 M/Min | 35 M/Min |
| Machine nominal output | 10000 bph | 6500 bph | 11000 bph |
| Label roll outer diameter | 270-400 mm | 270-400 mm | 270-400 mm |
| Label roll core diameter | 75mm | 75 mm | 75 mm |
| Label-Sensors type | True beam/ thickness sensor | True beam/ thickness sensor | True beam/ thickness sensor |
| Product Sensors type | Reflex/ Proximity | Reflex/ Proximity | Reflex/ Proximity |
| Timing System of Bottles | yes | yes | yes |
| Power of stepper motor | 66Kg/Cm-6.47Nm | 66Kg/Cm-6.47Nm | 66Kg/Cm-6.47Nm |
| Power of Three-phase electric engine | 0.37-0.25 KW | 0.37-0.25 KW | 0.37-0.25-0.18 KW |
| Electric engines Brand | Motovario, Siemens, A.B.B. | Motovario, Siemens, .A.B.B | Motovario, Siemens, .A.B.B |
| Reducer Brand | Motovario/ Italy | Motovario/ Italy | Motovario/ Italy |
| Electronic inverter | Mono to Three-phase inverter /Techo | Mono to Three-phase inverter /Techo | Mono to Three-phase inverter /Techo |
| Interface | LCD. Touch screen | LCD. Touch screen | LCD. Touch screen |
| Controller | Microcontroller | Microcontroller | Microcontroller |
| Power supply | Switching | Switching | Switching |
| Main voltage | 380 V AC. 50 Hz. | 380 V AC. 50 Hz. | 380 V AC. 50 Hz. |
| Power consumption | 10 A | 12 A | 14-18 A |
| Conveyor & Cabin material | Stainless steel /304 | Stainless steel /304 | Stainless steel /304 |
| Conveyor Length (main) | 2500 mm | 2500 mm | 2500-3000 mm |
| Conveyor Height (main) | 1100 mm+-100 | 1100 mm+-100 | 1100 mm+-100 |
| Conveyor chain material | Stainless steel/316 or Acetyl resin | Stainless steel/316 or Acetyl resin | Stainless steel/316 or Acetyl resin |
| Top Conveyor Length | - | - | 1000 mm |
| Top conveyor Configuration Range | - | - | 125-350 mm |
| Top conveyor Configuration system | - | - | Motorized Lift / height sensor |
| Top conveyor's material | - | - | Timing belt |
| Cabin dimensions LxWxH | 147x100x85Cm | 147x100x85Cm | 147x100x85Cm/ 227x100x85Cm |
| Machine weight | 750 Kg. | 800 Kg. | 850-950 Kg. |