# HMPL–RBL Automatic Rotary Sticker Bottle Labeling Machine



**Brief On Machine:**

The Automatic High Speed Rotary Sticker Labeling System consists of main structure, product transmission belt with adjustable guide, in-feed screw, rotary star plate, label dispensing unit, label wrapping unit, electrical panel, sensors, motors, AC drive, PLC & HMI.

**Salient Features of Premium Bottle Labeling Machine**

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| The unit is made compact & versatile as per GMP norms | The structure is made of MS cladded with SS 304 |
| All moving parts of the machine covered by safety guards of SS. | All expose parts of MS are powder coated / hard chrome plated. |
| 9 Feet long SS slat conveyor. | Conveying system to convey the product with easy adjustable side guide. |
| Conveying system equipped with imported AC frequency variable drive for variable speed with constant torque. | Full / Partiallabeling is possible. |
| In-feed screw for product feeding into rotary star plate. | Rotary Star Plate base designed for high speed labeling. |
| Machine suitable for round products like Vial / Bottle/ Jar / Tin and Container. | Specially designed drive mechanism for Label Release. |
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| Various label position adjustment with the help of sliding pipe assembly. | Various label position adjustment with the help of sliding pipe assembly. |
| No Bottle No Labeling. | Fiber optic based product sensor to sense the product (Sensor Make: LEUZE/BANNER/SUNX). |
| Fiber optic based label gap sensor to sense the gap between two labels (Sensor Make: LEUZE/BANNER/SUNX). | Reel mechanism (Size: 305mm) to hang the roll with core ID of 76 mm (3"). |
| Break assembly to avoid variation during releasing of roll. | Most reliable and proven components such as Festo/SMC make pneumatic and electrical/electronic such as Bonfiglioli/Motovario make AC Motor, Delta/Allen Bradley make AC Drives, Sensors, PLC & HMI (Feather touch Keyboard), MCB & relay "X" make. |

**Technical Specification**

| Model | HMPL–RBL |
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| Product Samples | Round Bottles |
| ProductSize (Ø) | 15mm Ø to 90mm Ø |
| Label Size | Min: 65 mm H x 140 mm Max: 150 mm H x 260 mm L |
| Output Speed | Up to 300Bottles/Minute |
| | **(Speed depends on label and products size)** |
| Conveyor Width | 100 mm |
| Working Height | 850+ 50mm Adjustable |
| Power Supply | Three Phase / 440V AC / 50Hz |
| Air Supply | N.A. |
| Net Weight | 450kgs Approx. |
| Dimensions | 2745 mm(L) x 920 mm(W) x 850 + 50mm (H) |