

**Product Name :**  
Hot Roll Rotary Coder

**Product Code :**  
EQUP-MC20087-0025

**Description :**

Hot Roll Rotary Coder

**Technical Specification :**

Repeated Accuracy 1%  
Automation Grade Automatic  
Production Capacity 300 per minute

These coders are ideal for Automatic High Speed Coding on various packaging machines. The message (upto 6 lines) to be printed is very easily composed by just assembling the brass / copper stereos (easily changeable) by pushing them onto the rods on the print drum and locking them into place. The Inking system consists of a replaceable circular hot wax cartridge, which is suitable for porous and non-porous surfaces. The stereos & the ink cartridge are heated to a temperature of around 150 deg. C & this heated ink is used for printing on the substrate, so it is instant drying. The whole assembly is directly mounted on the packaging machine & the film passes over the roller of the bracket. The PLC or controller takes the signal from the print product sensor or eye mark sensor & gives signal to the DC Stepper Motor to turn the print drum automatically at the synchronized speed with the film to do the coding / printing at the exact location. The PLC also displays the no. of prints that have taken place & the linear speed of web in meters/min.

**Features:**

- First time direct replacement for Ink Jet Printers or Markem type coders Coding. No need to stop the process for printing as printing is on-line and continuous at very high printing / production speeds up to 600 impressions / minute (35 meters / min.).
- Four line LCD display gives all details simultaneously like temperature settings, 6 digit production counter, speed of film in met. / min. and pouches / min., etc. It automatically tracks the speed of the packaging machine using Digital Encoder and varies its own speed to match it.
- The coder has been designed to reduce to a minimum production downtimes due to cartridge re-inking, thus eliminating prolonged, costly stops. Also, due to heated ink, the print dries instantly & it is not possible to get smudging in printing at any speed. Both R-type & T-type brass stereos can be accommodated for printing across the line or along the length of film or product travel respectively, so

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that the print comes at desired location with correct alignment.

- Can be quickly installed on existing biscuit / spice / milk / oil / coffee / detergent pouch filling machines & other packaging machines within 15 minutes with the specially designed bracket.

Supply Voltage	230 Vac $\pm$ 10%, 100 VA
Printing Area	6 lines (35 mm X 60 mm)
Printing Speed	Max. 300 imprints / min. (25 Meters / min.)
Prints using	Brass / Rubber stereos
Inking Medium	Instant dry therm-fusible hot wax ink roll.
Printing Medium	Instant drying wax ink (Black, Red*, White*, Yellow*, etc.)
Impressions	Appx. 1,00,000 per 32-mm. replaceable cartridge.
Weight	10 Kgs, 5 Kgs (Only head)



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