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

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 ± 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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