



**EQUIPMENTS  
MACHINES UAE**

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**Product Name :**  
Pad Printing Type Pipe Coder

**Product Code :**  
BFCM0024



**Description :**

Pad Printing Type Pipe Coder

**Technical Specification :**

Model/Type Pneumatic  
Capacity 20 per minute  
Finishing SS  
Material SS

These coders are ideal for Automatic On-Line Coding on various types of tubes & pipes during their extrusion process. The message to be printed is etched on the Metal Plate. The thick Fast Drying Paste Ink is placed inside the closed Magnetic Inking Cup which has a knife type edge for cleaning the plate of excess Ink. The cup moves up & down the plate leaving ink in the Etched portions of the plate. The soft Silicon Pad picks up the ink from the etched surface & transfers it onto the surface to be printed giving very high quality of print which is equivalent to or better than Screen Printing. The whole assembly is directly mounted in front of the extruder where the extruded pipe passes over the rollers of the system. The PLC or controller takes the signal from the Digital Encoder & gives signal to the Pneumatic Cylinders to synchronize with the pipe to do the coding/printing after every preset distance.

**Features:**

- No operator setting as it automatically tracks the speed of the extruded pipe using the Digital Encoder and varies its own speed to match it.

- Bright Blue LCD display to display the length of pipe extruded, no. of prints that have taken place & the linear speed of extrusion in meters / min. Also, a production length can be set & it can give an alarm after the preset length of pipe has been extruded.
- 1 to 3 lines printing on 10 mm to 400 mm outside diameter of pipes.
- Can be quickly installed on existing pipe / tube extrusion machines within 15 minutes with the specially designed stand & bracket.

Supply Voltage	230 Vac $\pm$ 10%, 50 VA
Printing Area	50 mm W X 450 mm L
Printing Repeat	Settable from PLC
Prints using	Engraved Plate
Inking Medium	Magnetic Ink Cup
Printing Medium	Fast Drying Paste Ink (Black, Red, Blue, White*, Golden*, etc.)
Impressions	5,000 per 20 gm. charge
Weight, Size	100 Kgs,



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