

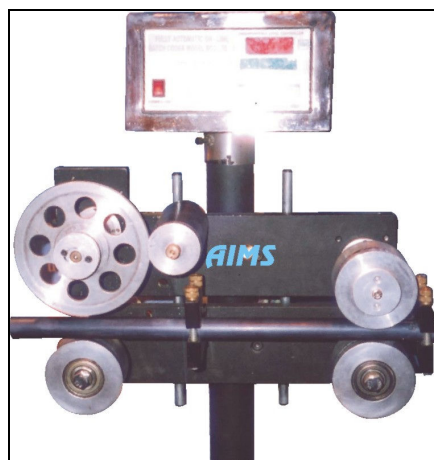
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SCROLLING HEADER

ON-LINE PIPE CODER - MODEL PPC

AIMS compact, fully automatic PLC based Pipe Coder for on-line registered printing of **B.No., Mfg.Dt., Company Name, Logos, etc.** on all types of rigid or soft type PVC / Polyethylene / HDPE / PV pipes & tubes, etc. during extrusion process **Model PPC-20-O.**



The coder is installed in front of the extrusion machine where the extruded pipe passes over the support rollers & below the print head where it gets printed on-line during production after every preset length repeatedly.



The Hand-Operated Coder is useful for manually printing on variety of tubes & pipes.

INTRODUCTION:

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 very easily composed by just assembling the stereotypes (easily changeable) on to the print wheel. The Inking system consists of a rechargeable circular cartridge, which is fully enclosed, allowing the use of fast-drying & indelible solvent-based inks. 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 DC Stepper Motor to turn the print wheel automatically at the synchronized speed 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 LED 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.
- Friction model available to print on pipes after every fixed 500-mm. length or motorised PLC based model to print at presettable intervals. Manual version for manually printing on pipes.
- 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.

SPECIFICATIONS:

Coder Model	PPC-20-O	PPC-20-F	PPC-20-M
Supply Voltage	230 Vac ± 10%, 15 VA	No Power reqd.	No Power reqd.
Printing Area	20 X 400 mm	20 X 400 mm	20 X 200 mm
Printing Repeat	Settable from PLC	500 mm	250 mm
Prints using	Flat rubber / nylon stereotypes 0f 2 mm to 20 mm height.		
Inking Medium	Special Rechargeable ink cartridge / Ink Paste		
Printing Medium	Quick drying liquid ink (Black, Red, White*, Golden*, etc.)		
Impressions	5,000 per 15 ml. charge		
WeightKgs	30 Kgs	25 Kgs	3 Kgs

VARIATIONS / DIFFERENT MODELS:

- Model PPC-20-O □ Motorised with PLC control for repeat print setting.
- Model PPC-20-F □ Friction driven on-line Coder.
- Model PPC-20-M □ Friction driven manual Hand Coder.
- Model PPC-20-□P with fast drying ink paste & transfer roller.
- Model PPC-20-□H with Hot Foil Coloured Tape & Brass Stereos.

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