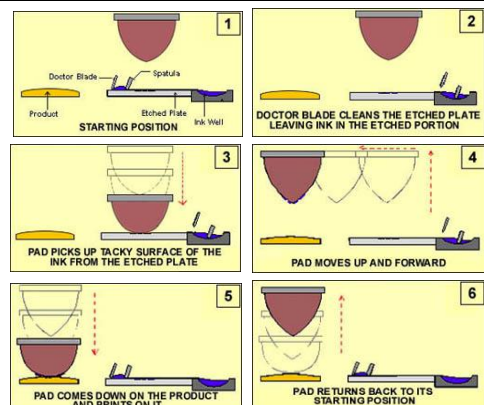


- Ink Jet Printers**
 - Hand Held Ink-Jet Printer (IJP-M3S-X)
 - Online Small Ink-Jet Printer (IJP-M3S-O)
 - Large Character Hand Printer (IJP-M3S+/Max)
 - Table Top Ink Jet Label Printer (IJP-X1/X2)
 - Handheld / Online Ink-Jet Printer (IJP-T-360)
 - Biggest Hand Held Ink Jet Printer (IJP-B80)
 - Smallest Colour Ink Jet Printer (IJP-PrintCube)
 - Manual Ink Jet Pen (IJP-PrintPen)
 - Manual Ink Jet Stamp (IJP-JetStamp 970)
 - Industrial On-Line Ink-Jet Printer (IJP-P2128)
 - Large-Character On-Line Printer (IJP-X72)
 - Large-Character Hand Printer (IJP-M10)
 - Large-Character On-Line Printer (IJP-CL7)
 - Multi-Head Egg Jet Printer (IJP-Egg)
 - Compact Hand Held Laser Printer (SLP-L3)
 - Online / Offline Smart Laser Printer (SLP)
- On Line Coding Machines**
 - On-Line Coder for Packaging Machines (BCC)
 - Hot-Roll Rotary Coder (Like Markem) (HRC)
 - Electro Pneumatic On-Line Coder (EPC)
 - On-Line Hot Foil Coder (HFC)
 - On-Line Continuous Friction Coder (FDC)
 - Auto Carton Coder for Taping Machine (ACC)
 - Conveyorized Product Coder (CEMC)
 - On-Line Motorized Pipe Coder (PPC)
- Off Line Coding Machines**
 - Table Top Electro Mechanical Coder (EMC)
 - Table Top Hot Foil Coder (HFC)
 - Stacking Auto Feeding High Speed Coder (SCC)
 - Stacking Hot Wax Table Top Coder (TTC)
 - Motorized Pad Printing Machine (PPM)
- Manual Coding Machines**
 - Hand Held Coder for Cartons (HHC)
 - Hand Stamping System for Pouches (HSS)
 - Manual Hot Foil Coder (HFC)
- Packing Machine**
 - Carton Strapping Machine (CSM)
 - Carton Sealing / Taping Machine (CTM)
 - Combined Carton Strapping & Taping (CSTM)
 - Blister / Skin Packing Machine (BPM/PSP)
 - Stretch Wrapping Sealer (SWM)
 - Tray Stretch Wrapping Machine (TWM)
- Pouch Sealing Machine**
 - Automatic Band Sealer Machines (BSM)
 - Band Sealer with Nitrogen / Vacuum (BSM-G)
 - Heavy Duty Bag Sealing Machine (BSM-W)
 - Pneumatic Bag Sealing Machine (PHS)
 - Pedal Heat Sealer (PFS/DFS)
- Shrink Packing Machine**
 - 2 in 1 Shrink Packing Machine (SPM)
 - Shrink Packing Tunnels (SPT)
 - L-Bar Sealer (LBS)
 - Auto Shrink Packager Web Sealer (SPWS)
- Vacuum Packing Machine**
 - Table Top Vacuum Packaging Machine (TVP)
 - Vacuum Packaging Machine (VPM)
 - Vertical Type Vacuum Packaging (VPM-V)
 - Double Chamber Vacuum Packager (DVP)
 - Mini Vacuum Sealer (MVS)
- Lidding / Capping / Sealing Machine**
 - Induction Sealing Machine (ISM)
 - Cup Heat Sealing Machine (HSM)
 - Manual Lunch Tray Sealer (LTS)
 - Semi-Automatic Cup Sealer Packaging (CPM)
 - Automatic Cup/Tray Lid Sealer (AMS)
 - Cap Locking & Capping Machine (LCM)
 - Tube Crimping / Sealing (TCM/TSM)
- Filling Machines**
 - Semi-Automatic Bottle Filling Machine (BFM)
 - Pneumatic Liquid filling Machine (LFM)
 - Automatic Bottle Filling Machine (AFM)
 - Paste Filling Machine (PFM)
 - Mini Powder & Granule Filler (PGF)
 - Auto Powder Filling Machine (PAF)
- Label Printers / Applicators**
 - Automatic Vertical Sticker Labeling (AVLM)
 - Automatic Horizontal Sticker Labeling (AHLM)
 - Semi-Automatic Sticker Labeling (SLM)
 - Semi-Automatic Edge Labeling (ELM)
 - Label Roll Printing Machine (LPM)
 - Label Roll Dispenser (LRD)
 - Semi-Automatic Glue Labeling M/C (BLM)
 - Paper Folding Machine (PFM)
- Conveying Systems**
 - Unwinding / Rewinding Machine (WRM)
 - Flat Belt Conveyor Systems (FBC)
 - Auto-Feeding Stacking Conveyor (SCS)
 - Truck Loading Conveyor (TLC)
- Consumables & Accessories**



PNEUMATIC PAD PRINTING - MODEL PPP

AIMS compact, fully automatic PLC based Pad Printing type Pipe Coder for on-line printing of B.No., Mfg.Dt., Company Name, Logos, etc. with printing area of 50 mm X 450 mm on all types of rigid or soft type PVC / Polyethylene / HDPE / PV pipes & tubes, etc. during extrusion process Model PPP-50-O using thick liquid ink & speed upto 5000 strokes per hour.



VIDEO: <https://youtu.be/H1W5js708UA>



THEORY / PRINCIPLE:

Theory of pad printing: The ink is spread over the plate to fill up the image on it. Doctor blade or ink cup cleans the plate leaving ink in the etched portion only. The upper surface of the ink film is exposed to air. The silicone rubber pad comes down & presses on the image area on the plate & goes up with the ink film on it. The pad now moves over to the object to be printed & again moves down onto the object to transfer the print image onto the object.

Because the pads are very soft, they are able to take the shape of the product & so pad printing is possible on irregular surfaces, uneven surfaces & flat surfaces with the same ease & clarity.

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 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.

SPECIFICATIONS:

| Coder Model | PPP-50-O | PPP-Y200 | PPP-Y222-BS |
|------------------|---|-------------------|-------------------|
| Supply Voltage | 230 Vac ± 10%, 50 VA | 220 V, 1000 W | 220V 50Hz 40W |
| Printing Area | 50 mm W X 450 mm L | 50 x 70 mm | Ø3.2" (Ø82 mm) |
| Printing Repeat | Settable from PLC | Settable from PLC | Settable from PLC |
| Prints using | Engraved Plate | Engraved Plate | Engraved Plate |
| Inking Medium | Magnetic Ink Cup | Magnetic Ink Cup | Magnetic Ink Cup |
| Printing Medium | Fast Drying Paste Ink (Black, Red, Blue, White*, Golden*, etc.) | | |
| Speed pcs / hour | 1000 - 2000 | 1800 - 2000 | 1500 cycles / hr |
| Machine size -cm | L90 x W60 x H180 | 86 x 48 x 64 | L78 x W50 x H135 |
| Weight, Size | 100 Kgs, | 34 Kg | 80 Kg |

QUALITY RELIABILITY COMMITMENT

Delhi Office: HEAD OFFICE=>
 7/2 Ashoka Chambers, Opp. Pillar No. 150, Below Rajendra Place Metro Station, Pusa Road, New Delhi-110060, INDIA.
 Ph: 011-47539558, del@coding-india.com

201, Triumph Industrial Estate, Pandit Motilal Nehru Road, (Itt Bhatti - Panch Bawadi), Near Oberoi Mall Signal, Goregaon (E), Mumbai - 400 063, INDIA. WeChat: SamirGarg Ph: (+91-22) 42663228, 40123228, 28766350/51/52, 28756353 Website: www.CodingMarking.com, www.PrintPackaging.In Email: SamirGarg_AIMS@gmail.com, info@coding-india.com