

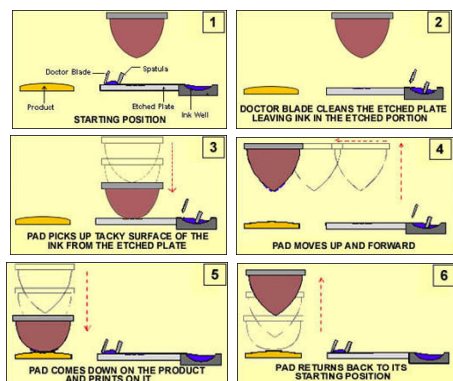
- **Home Page (Exhibitions / News)**
- **Introduction / Customers / Profile**
- **Product Selection**
- **Product Show Room**
- **Ink Jet Printers**
 - Industrial On-Line Ink-Jet Printer (IJP)
 - Industrial Multi-Head Egg Jet Printer (EJP)
 - Industrial Multi-Head On Line Printer (MJP)
 - Wide Format Banner Printer (WFP)
- **Off Line Coding Machines**
 - Table Top Electro Mechanical Coder (EMC)
 - Table Top Electro Pneumatic Coder (EPC)
 - Labels / Pouches / Cartons Stacking Auto Feeding High Speed Coder (SLC / SCC)
 - Table Top Hot Foil Coder (HFC)
 - Stacking 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)
 - Manual Pad Printing Machine (PPM)
- **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 Motorized Coder (EMC)
 - On-Line Hot Foil Coder (HFC)
 - On-Line Continuous Friction Coder (FDC)
 - Auto Carton Coder for Taping M/c (ACC)
 - On-Line Pipe Coder (PPC)
- **Label Printers / Applicators**
 - Bar Code Printer (BCP)
 - Label Dispenser / Applicator (PLD)
 - Label Roll Printing Machine (LPM)
 - Semi-Automatic Bottle Labeling M/C (BLM)
- **Conveying Systems**
 - Unwinding / Rewinding Machine (WRM)
 - Flat Belt Conveyor Systems (FBC)
- **Packing Machine**
 - Semi Automatic Box Strapping M/c (CSM)
 - Carton Sealing / Taping Machine (CTM)
 - Tray Wrapping Machine (TWM)
 - Paper Folding Machine (PFM)
- **Band Sealing Machine**
 - Automatic Band Sealer Machines (BSM)
 - Iron / Aluminium Film Sealers (AFS)
 - Pedal Heat Sealer (DPS)
- **Shrink Packing Machine**
 - 2 in 1 Shrink Packing Machine (SPM)
 - L-Sealer with Shrink Tunnel (LST)
 - Manual Shrink Packager (IBS)
- **Vacuum Packing Machine**
 - Vacuum Packaging Machine (VPM)
 - Double Chamber Vacuum Packager (DVP)
 - Mini Vacuum Sealer (MVS)
- **Lidding / Capping Machine**
 - Cup Sealer Packaging Machine (CPM)
 - Induction Sealing Machine (ISM)
 - Heat Sealing Machine (HSM)
 - Cap Locking & Capping Machine (LCM)
- **Consumables & Accessories**
- **Coding Applications**
- **PLC & Automation for Packaging M/c**
- **Enquiry Form / Contact Us**



SCROLLING HEADER

PAD PRINTING MACHINES – MODEL PPM

Motorized Pad Printing Machine Model PPM – 520A can be used to print the ex-factory date, batch number, bar code, issues etc. on the products of the industries of food, cans, beverage, cosmetics, electric apparatus, pharmacy and so on and can print on any parts or uneven planes on metal, plastics, glass ceramics, films, nylon etc. using thick liquid ink & speed upto 2000 strokes per hour.



INTRODUCTION:

PAD PRINTING TECHNOLOGY

Pad printing is an indirect method of printing, a combination of offset & gravure printing process. Plate system is like gravure & printing system is like offset. In gravure printing, design is etched on a roller whereas in pad printing, flat plate carries an image. A rubber blanket, in offset process, picks up image from the plate & transfers it on the substrate. Similarly a solid mass of rubber called pad, picks up ink from the etched plate & prints on the substrate hence the process is known as pad printing.

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.

Today, pad printing is used successfully both in the field of high quality decoration and in the field of labeling and marking. Due to the versatile use and the development of this technology, it has gained great importance and developed into a universally recognized printing process.

FEATURES:

- Prints very fine details
- Low ink usage
- Little space required
- High processing speed
- A universal process for a wide range of applications.

SPECIFICATIONS:

| Coder Model | PPM – 520A (Automatic) | PPM-380 (Manual) |
|-----------------|-----------------------------|--------------------|
| Printing Height | 0 – 300 mm | 0 – 200 mm |
| Dimension | 680L X 440W X 620H | 530 x 290 x 520 |
| Power | 220 V, 50 Hz | No Power |
| Speed | 0 – 60 Impressions / minute | 0 – 30 imp / min |
| Table Area | 60 mm L X 100 mm W | 70 mm L X 100 mm W |
| Weight | 33 Kg | 15 Kg |



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