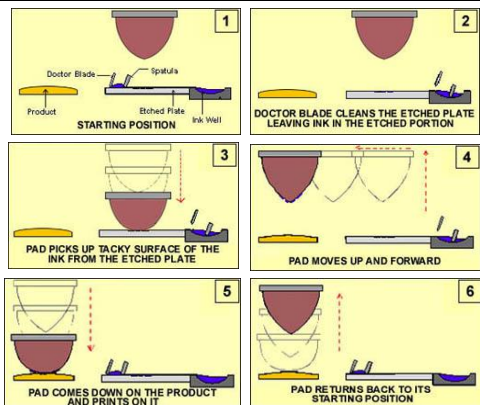


- Ink Jet Printers**
  - Hand Held Ink-Jet Printer (IJP-M3S-X)
  - Online Small Ink-Jet Printer (IJP-M3S-O)
  - Large Character Hand Printer (IJP-M3S+/Max)
  - Table Top Ink Jet Label Printer (IJP-X1/X2)
  - Handheld / Online Ink-Jet Printer (IJP-T-360)
  - Biggest Hand Held Ink Jet Printer (IJP-B80)
  - 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/DPS)
- 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**



**PAD PRINTING MACHINES – MODEL PPM**

Motorized Pad Printing Machine Model PPM – 520C 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 5000 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 – 520C (Closed Cup)	PPM-520K (Knife)
Printing Height	0 – 300 mm	0 – 300 mm
Dimension	680L X 440W X 620H	680L X 440W X 620H
Power	220 V, 50 Hz	220 V, 50 Hz
Speed	0 – 60 Impressions / minute	0 – 60 impressions / min
Table Area	80 mm L X 160 mm W	90 mm L X 100 mm W
Weight	33 Kg	33 Kg



**VIDEO:** [https://youtu.be/A1\\_5d5Z8eRo](https://youtu.be/A1_5d5Z8eRo)



**QUALITY  
RELIABILITY  
COMMITMENT**

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