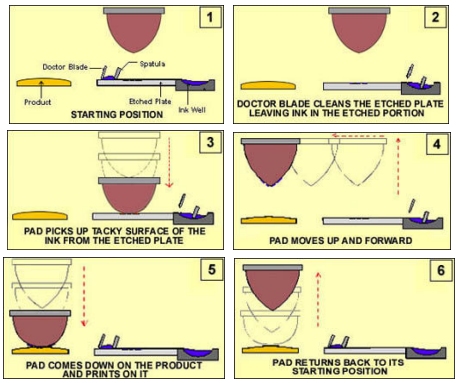
ADVANCED INDUSTRIAL MICRO SYSTEMS

PAD PRINTING MACHINES – MODEL PPM

Motorized Pad Printing Machine Model PPM – 520A can be used to prink 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

201, Triumph Industrial Estate, Behind Patel Extrusion (Itt Bhatti),
Opp. Hyundai Mark Motors, Goregaon (E), Mumbai - 400 063, INDIA.
Ph: (022) 28766351, 28756353. Fax: (+91) - 22 - 28766352.
Website: www.coding-india.com, www.indiamart.com/aims
Email: samir_garg@vsnl.com, info@coding-india.com