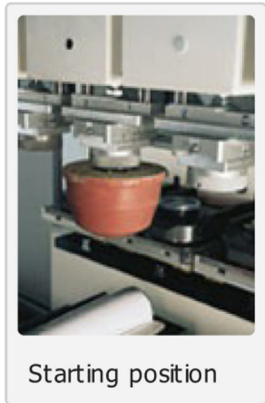


PAD PRINTING PRINCIPLES

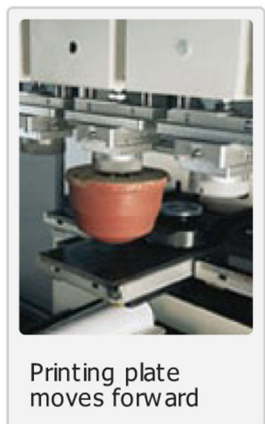


The pad takes up the image from an etched printing plate and transfers it onto the object. By using extremely elastic pads, concave, convex, regular and irregular shaped objects can be printed.



Step 1

Pad and printing plate is in their starting position.



Step 2

The printing plate glides forward underneath the ink cup, & comes to a standstill with the ink image underneath the pad.



Step 3

The pad moves down and unrolls over the printing plate, taking up the inked image.



Inked pad

Step 4

The image was correctly transferred onto the silicon pad.



Printing plate retracts

Step 5

The printing plate moves back (1), clearing the path for the pad to move down towards the product to print the image (2).



Printing the product

Step 6

The pad moves down and unrolls over the product, completely depositing the inked image.



Pad retracts

Step 7

The pad moves back to its starting position and a new printing cycle begins.