



UAC
Corporation, Tokyo, Japan
Digital Plate setter for
Offset Press



How do I make a procedure from etching to printing by use of Elefax plate?

1. Etching.

Etching solution shall apply before dilution. Etching solution shall be used unusually is recommended.

Once hand etching (absorbent cotton use) is performed, if the etching solution remains in half tone screen part of a plate, it will be become superfluous etching and white omission unevenness will occur in the half tone screen part at printing.

Carry out hand etching, rubbing in the measures, so that the circle may be drawn and wipe off after that etching solution with which the half tone screen part remained with the absorbent cotton extracted firmly.

Please print after etching promptly.

2. Arrangement of damping water.

Fountain solution should be diluted with water. The ratio is as below.

- a) In case of printing machine with two pieces of molten roller.... diluted with 50-60 times with water
- b) In case of printing machine with one piece of molten roller.... diluted 40 times with water.
- c) In case of printing machine of other A3 portrait sizes, although it changes with its damping system, it is diluted 15 to 30 times with water.

The Conventional fountain solution is not applicable for Elefax plate printing.

3. Printing Procedure.

- a) Set a plate at cylinder. Please stick the plate with cylinder well for the dist prevention.
- 2) Start printing machine.
- 3) Check the plate surface having got wet with damping water uniformly, and then make an ink roller touch, and start printing.

One Point Advice

When the surface of the plate became dirty in the ink at printing, clean the plate by following process.

Absorb the absorbent cotton with the same quantity of a blanket cleaner solution and etching solution. Clean dirty part with it lightly. The blanket cleaner solution for cleaning the blanket part of a printing machine might be recommended by the printing machine company and does not dissolve the plate surface and image part.