



BUBBLETCH 2030

Engraving equipment for Pad Printing steel plates

DESCRIPTION

Engraving equipment for pad printing steel plates. Programmable engraving times. Horizontal engraving to ensure a depth and uniform quality throughout the plate.

RECOMMENDED APLICATIONS

- For any kind of working and requirement.
- For good to highest printing quality requirements, with delicate screenings and thin profiles.
- Easy, economical and profitable method of cliché engraving, to obtain controlled depths to 50 microns completely uniform.
- Standardization of the productivity and quality of engraving.

CHARACTERISTICS

Control unit	Settled by timer and aeration system
Engraving tank	10 L, the level is the hole in gray lateral.
Maximum Engraved Format	200 mm. x 300 mm.
Plate engraving	Horizontal by air bubbles
Plate fixing system	Magnetic
Acid recommended	Nítric
Equipment weight without acid	5 Kg.
Power supply	220 v

INSTRUCCIONS OF USE

Verify and retouch any defects with **TAMPODUR FIX** before engrave.

For steel engraving, we recommend using **TAMPODUR ETCH**, an acid specially designed to get a controlled etching, reliable and with low level of fumes. Other engraving solutions and concentrations may change the engraving results.

Obviously, Nitric acid could be used as an engraving solution. In this case we recommend:

- Nitric Acid of 36 Bé dissolved at 15% (85 ml water + 15 ml Nitric Acid of 36 Bé) at 20 -24 °C. = 8,5 L H₂O 1,5L acid.
- Nitric Acid of 14 Bé dissolved at 50% (50 ml water + 50 ml Nitric Acid of 14 Bé) at 20 -24 °C.= 5L H₂O 5L acid.

The temperature of the acid for a correct engraving should be 18– 25 °C and in 90 seconds approx. an engraving depth 20-25 µ will be obtained.

Important:

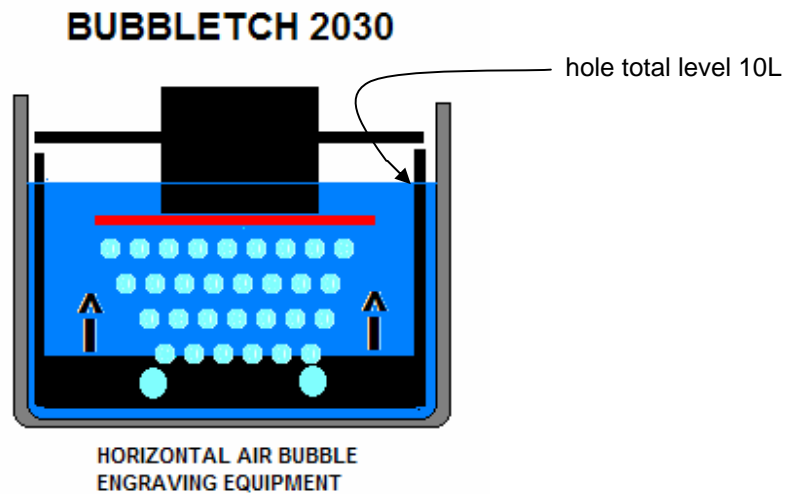
Maintain the level of acid in the etching tank. (never below the record minimum or maximum). Bear in mind the mark level, gray hole on the side.

Add approximately 20 ml. of **TAMPODUR ETCH** or of the acid solution used to engraved plates, to maintain a constant engraving capacity and assure the quality and depth of it.



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INFORMACIÓN ADICIONAL

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