

STOMA Etching Machines and Systems



Machines and Equipment for the Graphics Industry

STOMA
Maschinen und Geräte für die Grafische Industrie
Machines and Equipment for the Graphics Industry



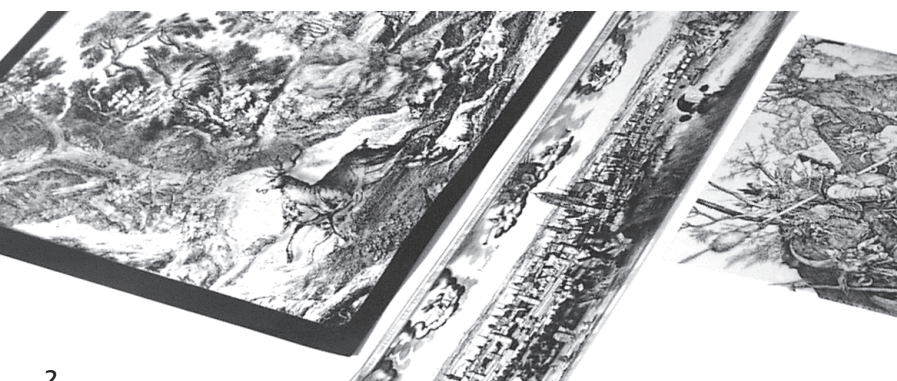
STOMA Etching Machines and Systems

STOMA GmbH,
graphics machines and
equipment, was founded in
December 1971. Since then
etching machines and systems
have been produced for
letterpress,
flexographic,
relief and
security printing.

In-house development keeps
Stoma systems always up to
date with the latest etching
technology. Our machines
and equipment are



produced in solid,
rugged models, much valued
by specialists. Apart from
good service, STOMA also
offers advice and instructional
courses for every field of
etching.





Etching Machine

Etching Machine

Individual customer requirements are taken into consideration at the planning stage. Other products that we manufacture are neutralisation systems for waste water containing nitric acid and air washers for purifying acidic etching vapours.

MEL products (etching materials) are marketed exclusively in many European countries, including magnesium, zinc and copper plates and the associated chemicals. STOMA offers its customers all the necessary technical details, from advice up to block production.

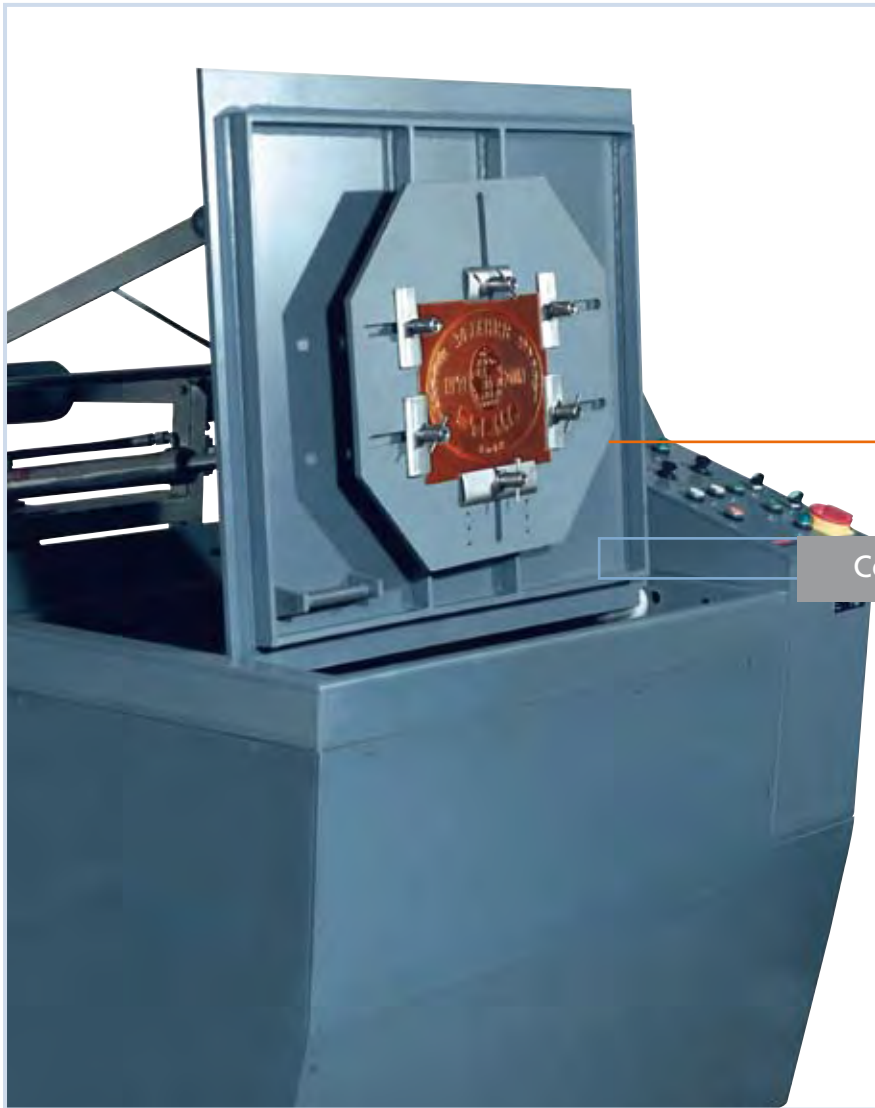
STOMA etching machines for copper are produced in PVC and titanium. Special bath circulation, paddle speed and variable rotation facilitate etchings for line and the finest autotype operation (security printing). A clearly arranged control unit, protected against FeCl_3 , enables easy operation of the machine.



Etching Machine / stainless steel, 90 L for magnesium and zinc

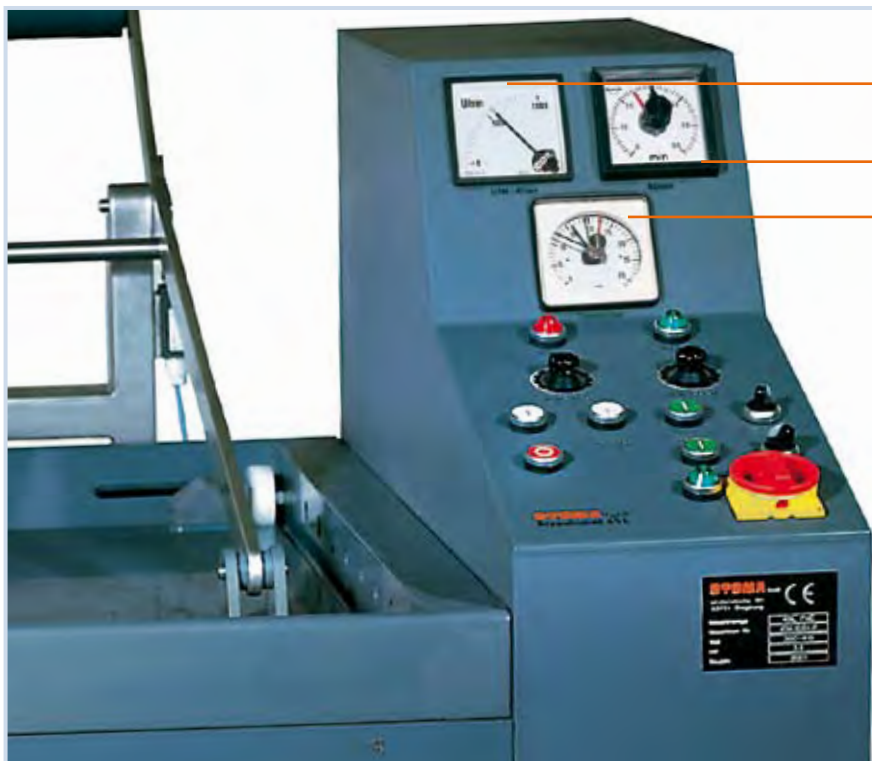


Etching Machine / PVC, 45 L for copper



Rotating turntable

Cover with rotation bearing



RPM etching

Etching time

Thermostat

Clearly arranged
control unit,
protected against
 FeCl_3 .

Preparation Basin

STOMA preparation basins are produced completely in stainless steel. This product includes wooden grids, a pre-etching dish and a top shelf. In the cupboard underneath there is plenty of space for chemical consumables. Production covers all commercially available board sizes.



Developing Machine

The developing unit, produced in stainless steel, simplifies the board development phase without coming into contact with chemicals. Development zones with following double-sided water spray are integrated into this unit. An efficient extraction system can also be installed.





Etching Machine / Stainless Steel
90 L for magnesium and zinc



Etching Machine / PVC
45 L for copper

Etching Machine

Models:

Maschine type	Bath volume	for max. plate size	Format W x H x D mm
STOMA Automatic Etching Machine 35 L for Mag. & Zinc	approx. 35 litres	30 x 40 / 50 cm	1130 x 1298 x 1270 mm
STOMA Automatic Etching Machine 45 L for Mag. & Zinc	approx. 45 litres	40 x 50 / 64 cm	1370 x 1350 x 1310 mm
STOMA Automatic Etching Machine 45 L for Mag. & Zinc	approx. 60 litres	40 x 50 / 64 cm	1370 x 1350 x 1310 mm
STOMA Automatic Etching Machine 90 L for Mag. & Zinc	approx. 90 litres	50 x 65 / 82 cm	1565 x 1680 x 1310 mm
STOMA Automatic Etching Machine 120 L for Mag. & Zinc	approx. 120 litres	80 x 80 / 113 cm	2250 x 1850 x 1600 mm
STOMA Automatic Etching Machine 160 L for Mag. & Zinc	approx. 160 litres	94 x 105 / 140 cm	2460 x 2050 x 1600 mm
STOMA Automatic Etching Machine 200 L for Mag. & Zinc	approx. 200 litres	94 x 105 / 140 cm	2460 x 2050 x 1600 mm
STOMA Automatic Etching Machine 45 L for Copper	approx. 60 litres	40 x 50 / 64 cm	1370 x 1350 x 1310 mm
STOMA Automatic Etching Machine 90 L for Copper	approx. 90 litres	50 x 65 / 82 cm	1565 x 1680 x 1310 mm
STOMA Automatic Etching Machine 120 L for Copper	approx. 120 litres	80 x 80 / 113 cm	2250 x 1850 x 1600 mm



Developing Machine

Models:

Maschine type	Bath volume	for max. plate size	Format W x H x D mm
STOMA Developing Unit 18 L	approx. 18 litres	50 x 65 cm	1165 x 1775 x 520 mm
STOMA Developing Unit 27 L	approx. 27 litres	80 x 80 cm	1400 x 1950 x 520 mm
STOMA Developing Unit 35 L	approx. 35 litres	60.9 x 91.4 cm	1550 x 2240 x 610 mm



Preparation Basin

Models:

Maschine type	for max. plate size	Format W x H x D mm
STOMA Preparation Basin	50 x 65 cm	1670 x 1540 x 960 mm
STOMA Preparation Basin	60.9 x 91.4 cm	2270 x 1540 x 960 mm

Other Products

Copymat



Plate size, Magnesium:

457 x 609 x 1.00 mm	609 x 914 x 1.75 mm
650 x 500 x 1.75 mm	609 x 914 x 2.00 mm
650 x 500 x 2.00 mm	609 x 914 x 3.00 mm
650 x 500 x 3.00 mm	609 x 914 x 4.00 mm
650 x 500 x 4.00 mm	609 x 914 x 5.00 mm
650 x 500 x 5.00 mm	609 x 914 x 7.00 mm
650 x 500 x 7.00 mm	762 x 1016 x 7.00 mm

Printing plates



Materials:

Magnesium	–	Standard size
Zinc	–	Standard size
Copper	–	Standard size
Brass Engraving Quality	–	500 x 600 x 7 mm

Chemicals for Magnesium:

Mago 20X	–	Etching additive
Rev Flex	–	Etching additive

Chemicals for Zinc:

Toro ST	–	Etching additive
Velv Etch	–	Etching additive

Boards uncoated in standard formats.

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STOMA GmbH · Lindenstr. 121 · D-53721 Siegburg · Tel: ++ 49 (0) 22 41/5 10 73 · Fax: ++ 49 (0) 22 41/5 12 26
e-mail: info@etching-machines.com · www.etching-machines.com