

Manual engraving  
machines  
multi-services

IM3

TXL

# IM3 / TXL

VERSATILITY, RELIABILITY, QUALITY

Lightweight and compact, the IM3 and TXL pantographs are ideal for small spaces.

Their presets make them easy to use even for beginners. They cover all the applications you might want, such as door nameplates, badges, items of jewellery, etc.

Simple in design, these manual engraving machines can be used with or without a motor.



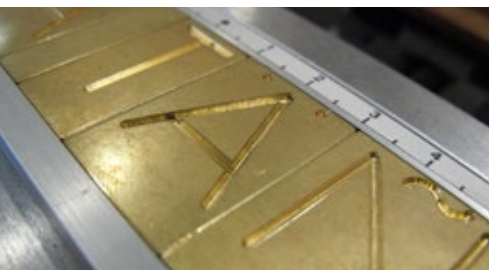
IM3

✚ 580 x 510 x 280 mm  
👤 11 kg (net weight)



TXL

770 x 620 x 660 mm  
50 kg (net weight)



## An essential accessory

Give your creations style by choosing different typefaces from our wide range of international character sets.

## Ergonomics

The IM3 and the TXL operate as pantographs. The arm fitted with a stylus moves in the groove of the model, while the other arm fitted with a pin reproduces the composition. The item to be engraved is totally accessible, making the job done directly visible.

The machines are designed to make the operator's task easier:

- An auto-centring jig quickly positions the item for instantaneous engraving.
- The centring bracket automatically centres the line to be engraved.
- The pin mechanism is designed to make fastening and adjusting the cutter easier.



		IM3	TXL
Pantograph	Number of reduction ratios	25	
	Character reduction	From 1/2 to 1/7	
Engraving depth	Depth adjustment	Vernier micrometer on adjustment nose	
	Precision	0,025 mm	
Table	Copying table	150 x 405 mm	
Pin and pin motor	Technology	Universal	Asynchronous
	Rotation speed	18000 t/mn	
	Cutter diameter	3,17 mm	4,36 mm
Jig	Clamping capacity	140 mm	295 mm
	Clamping capacity with special jaw covers	250 mm	480 mm
	Maximum height in jig	50 mm	210 mm

A full range of clamps and tools suitable for many different types of engraving:

- jaw covers for special clamping operations: plates, jewellery, watches, badges, pens, etc.
- depth adjustment nose
- character runners
- more than 40 international character sets

#### TXL only

- 500 mm tubular socket base
- cup holder for cylinders up to 200 mm diameter
- extra large jig for 335 mm-wide plates

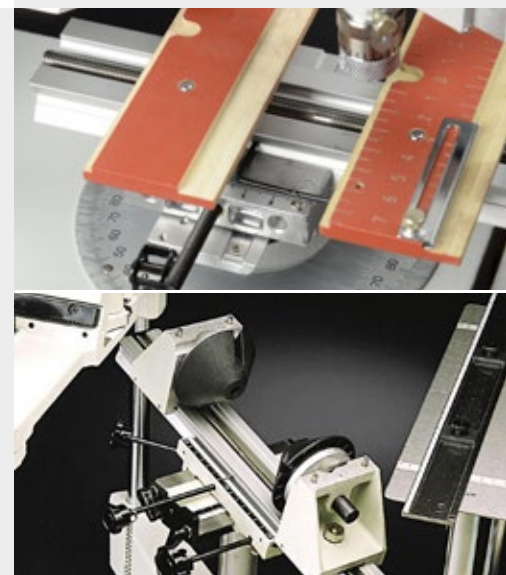
#### Reliability

The IM3 and the TXL meet the manufacturing standards and benefit from the engineering know-how of Gravograph. Our company knows its customers well, will assist you with your plans, and offers ongoing technical support throughout the world.

#### Quality engraving and versatility

Thanks to the ingenious vibration-resistant depth adjustment nose, the engraving remains constant regardless of the material being engraved. The runner plate offers the possibility of engraving several lines with different character types on the same plate.

Many different profiles of cutter made from steel, carbide or diamond are available for engraving, bevelling and scoring. These tools open up a wide range of applications to users.





Perfect for engraving and personalising:

- traditional jewellery: watch chains, medals, baby identity bracelets, christening cups
- other items of jewellery: copper or steel bracelets, watches, etc.
- funerals: engraving of coffin nameplates, urn nameplates, other funeral items
- gun room: guns, dog medals
- sports competitions: trophies and cup plates
- industry: push button identification, electrical cabinet labels, door nameplates, bell buttons, etc.

Gun room  
Jewellery  
Culture and sport  
Funerals  
Industry

Events  
Promotional items  
Hardware



**GRAVOTECH MARKING SAS**  
56, avenue Jean Jaures  
10600 La Chapelle Saint Luc  
FRANCE  
Tel : +33 325 416 726  
Fax : +33 325 742 266  
information@gravograph.com