

ENGRAVING MACHINE

# IS400



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## IDEAL FOR

- LIGHT MILLING
- FRONT PANEL
- PART MARKING
- INDUSTRIAL SIGNAGE
- AWARDS AND TROPHIES
- CYLINDRICAL OBJECTS

- Reliability and quality of engraving. IS 400 benefits from Gravograph's high standards of manufacture.
- Connected to a computer, it is totally compatible with any PC graphics software generating HPGL files.
- Complete access to the object to be engraved.
- Very quiet and powerful spindle motor with direct current.
- Adjustable rotation speed from 11000 to 20000 rpm for machining of various materials.
- Progressive. IS400 allows voluminous and cylindrical objects to be engraved by adapting the Volume base.
- A complete range of spindles, clamping accessories and tools to suit the evolution of applications.
- Gravograph's software GravoStyle allows you to create and carry out your work on IS 400 with efficiency.
- Optimised processing times thanks to the performance of electronics.
- 305 x 210mm engraving area, 120 mm spindle travel.



## Mechanical characteristics

### X & Y Axes

Engraving area: 305 x 210 mm  
Flatness tolerance: 0.2 mm  
Max. clearance in X between columns: 370 mm  
Max. clearance in Y: unlimited

### Z Axis

Spindle travel: 40 mm  
Spindle travel at bottom of vice: 120 mm  
Max. spindle travel with clamping table: 33 mm

### Spindle

Tool diameter: 4.36 mm  
Rotation speed: 11 - 20000 rpm  
Direct current motorisation: 75W

### Clamping systems

Concentric tightening vice  
Opening of vice: 230 mm  
Height of vice: 76 mm

### Noise level

- Empty\*: LA eq dB (A) <72±1  
- When engraving\*:  
LA eq dB (A) 80±2  
- Peak when engraving\*:  
Lp Cpeak dB (C) <95  
\* in accordance with Gravograph standards

**Net Weight:** 50kg

### Optional accessories

- Vacuum table and vacuum pump
- 380 x 280 mm Clamping table
- volume base and 350 mm Ø cylinder drive
- 15 mm Ø pen drive
- 120 mm Ø cylinder drive
- Glass engraving kit
- Range of spindles (collet, diamond, HF, ...)
- Lubrication system

**GRAVOGRAPH**



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