

ENGRAVING MACHINE

IS900



Registered design



GRAVOGRAPH
www.gravograph.com

IS900

IS900, the future of engraving today
Innovative, Intelligent, Ergonomic

IDEAL FOR:

- MEDIUM TO LARGE ENGRAVING & CUTTING
- EASY ENGRAVING ON NON-FLAT SURFACES
- FLAT WORK, INCLUDING SIGNAGE, FRONT PANELS & MATRIX APPLICATIONS

■ The IS900 is unique on the rotary market. Its internationally registered design is engineered by engravers for engravers: the double pass-through guarantees easy loading of large panels, improving accessibility for machine maintenance. The IS900 also features a streamlined clamping system.

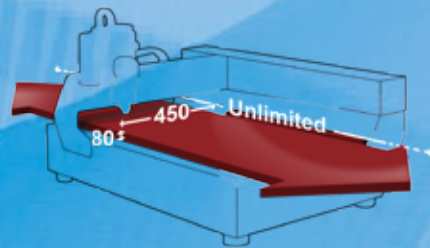
■ Designed with Gravograph's most efficient engraving area to machine footprint ratio to date, the machine optimises your valuable workshop space.

■ The IS900 features the iQ+ Terrain Follower: exclusive technology ensuring precise engraving on any terrain, even non-flat surfaces. The iQ+ Terrain Follower compensates for variations in engraving surface so that you don't need to.

■ The IS900 combines Gravograph engraving and build quality with ground-breaking productivity. The machine optimises job transfer times, accelerates at up to 1000 mm/sec² and engraves at up to 100 mm/sec over an extended engraving area.

■ Powered by GravoStyle™ 6 software. This unique software platform concentrates Gravograph engraving expertise to offer you full support, whatever your engraving application. The software synchronises your IS900 and its accessories, creating a powerful production team.

■ Compatible with specialist engraving accessories, including Gravograph Braille dispensers to meet specific ADA/DDA Braille and tactile signage needs.



max. dimension of the item to be engraved

■ **X & Y axes:**

- engraving area 635 x 432 mm
- table surface 660 x 450 mm
- flatness tolerance 0.2 mm
- maximum clearance in Y axis unlimited
- maximum moving speed
 - when engraving: 35 mm/s - 1.38 in/s
 - when scribing: 60 mm/s - 2.36 in/s
 - empty: 100 mm/s - 3.94 in/s

■ **Z axis:**

- spindle travel 80 mm
- spindle clearance with damping table 80 mm

■ **Spindle:**

- tool diameter 4.36 mm
- rotation speed 13-20000 rpm
- servo motor 90 W
- advanced functions as standard
 - Automatic Z ref
 - Point n Shoot
 - iQ+ terrain Follower

■ **Clamping device:**

- aluminum T-slot table
- streamlined clamping

■ **Noise level:**

- respects ISO 11201
- 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:**

- 90 kg

■ **Optional accessories:**

- 200 Watt continuous power spindle motor
- collet spindle
- 150W regulated HFS spindle
- concentric tightening vice
- lubrication system
- chip collector
- machine stand
- automatic Braille dispenser



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