

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.

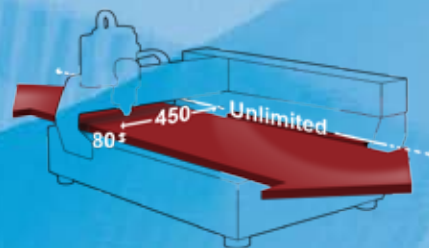
■ Designed with Gravograph's most efficient engraving area to machine footprint ratio to date, the machine optimises your valuable workshop space.

■ 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/sec<sup>2</sup> and engraves at up to 100 mm/sec over an extended engraving area.

■ Powered by GravoStyle™ 5 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.

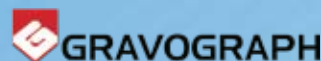
■ Compatible with specialist engraving accessories, including Gravograph Braille dispensers to meet specific ADA/DDA Braille and tactile signage needs.



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 engraving speed 100 mm/s
- **Z axis:**
  - spindle travel 80 mm
  - spindle clearance with clamping 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



a trademark of GravoTech Marking

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