

INTELLIGENT SYSTEM
IS6000

INTELLIGENT SYSTEM
IS7000

INTELLIGENT SYSTEM
IS8000

mechanical characteristics

X & Y axes			
engraving area IS6000		610 x 410 mm	
engraving area IS7000		610 x 815 mm	
engraving area IS8000		610 x 1220 mm	
flatness tolerance		0,2 mm	
maximum clearance in X between columns		880 mm	
maximum clearance in Y		unlimited	
Z axis			
spindle travel		80 mm	
spindle clearance with clamping table		80 mm	
spindle clearance with vice		140 mm	
movements transmission by ball bearing lead screws			
Spindle			
tool diameter		4,36 mm	
rotation speed		13-20000 tr/mn	
servo motor		70 W	
Standard clamping system			
clamping table			
Noise level - according to ISO 11201 regulation			
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			
IS6000			168 kg
IS7000			220 kg
IS8000			265 kg



optional accessories

- 200 Watts continuous power spindle motor
- concentric tightening vice
- cylinder attachment Ø 120mm
- range of spindles (collet, diamond, HF, ...)
- automatic input/output control
- lubrication system

Gravograph endeavour to offer the highest technology available at all times. This information is therefore not contractually binding and may be modified without prior notice.

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engraving machines

INTELLIGENT SYSTEM **IS6000** INTELLIGENT SYSTEM **IS7000** INTELLIGENT SYSTEM **IS8000**

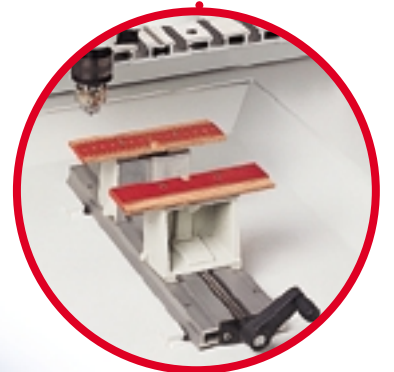


Remote control for engraving functions



Optional Ø 120mm cylinder attachment

- Engraving area :
IS6000 = 610 x 410 mm
IS7000 = 610 x 815 mm
IS8000 = 610 x 1220 mm.
- **Reliability** and **quality** of engraving.
IS6/7/8000 benefits from Gravograph's high standards of manufacture.
- Totally **compatible** with any PC graphics software generating HPGL files.
- Powerful spindle motor with **direct current**.
- **Adjustable rotation speed** from 13000 to 20000 rpm for machining of various materials.
- **Rigid monobloc** frame in welded steel.
- 880 mm clearance between columns.
- 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 tables with efficiency.
- An external and perfectly secure rack for performance of electronics allowing **optimised completion times**.



Optional self-centering vice



IS6000 version : 610 x 410 mm



IS7000 version : 610 x 815 mm



IS8000 version : 610 x 1220 mm