

INTELLIGENT SYSTEM  
**IS6000**

INTELLIGENT SYSTEM  
**IS7000**

INTELLIGENT SYSTEM  
**IS8000**

**mechanical characteristics**

<b>X &amp; Y axes</b>			
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	
<b>Z axis</b>			
spindle travel		80 mm	
spindle clearance with clamping table		80 mm	
spindle clearance with vice		140 mm	
movements transmission by ball bearing lead screws			
<b>Spindle</b>			
tool diameter		4,36 mm	
rotation speed		13-20000 tr/mn	
servo motor			70 W
<b>Standard clamping system</b>			
clamping table			
<b>Noise level - according to ISO 11201 regulation</b>			
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			
<b>Net weight</b>			
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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The dimensional reference



**Gravograph**

## engraving machines

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

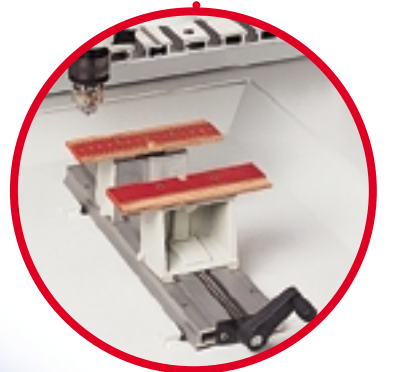
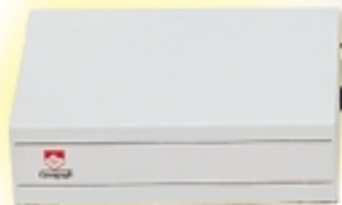


Remote control for engraving functions

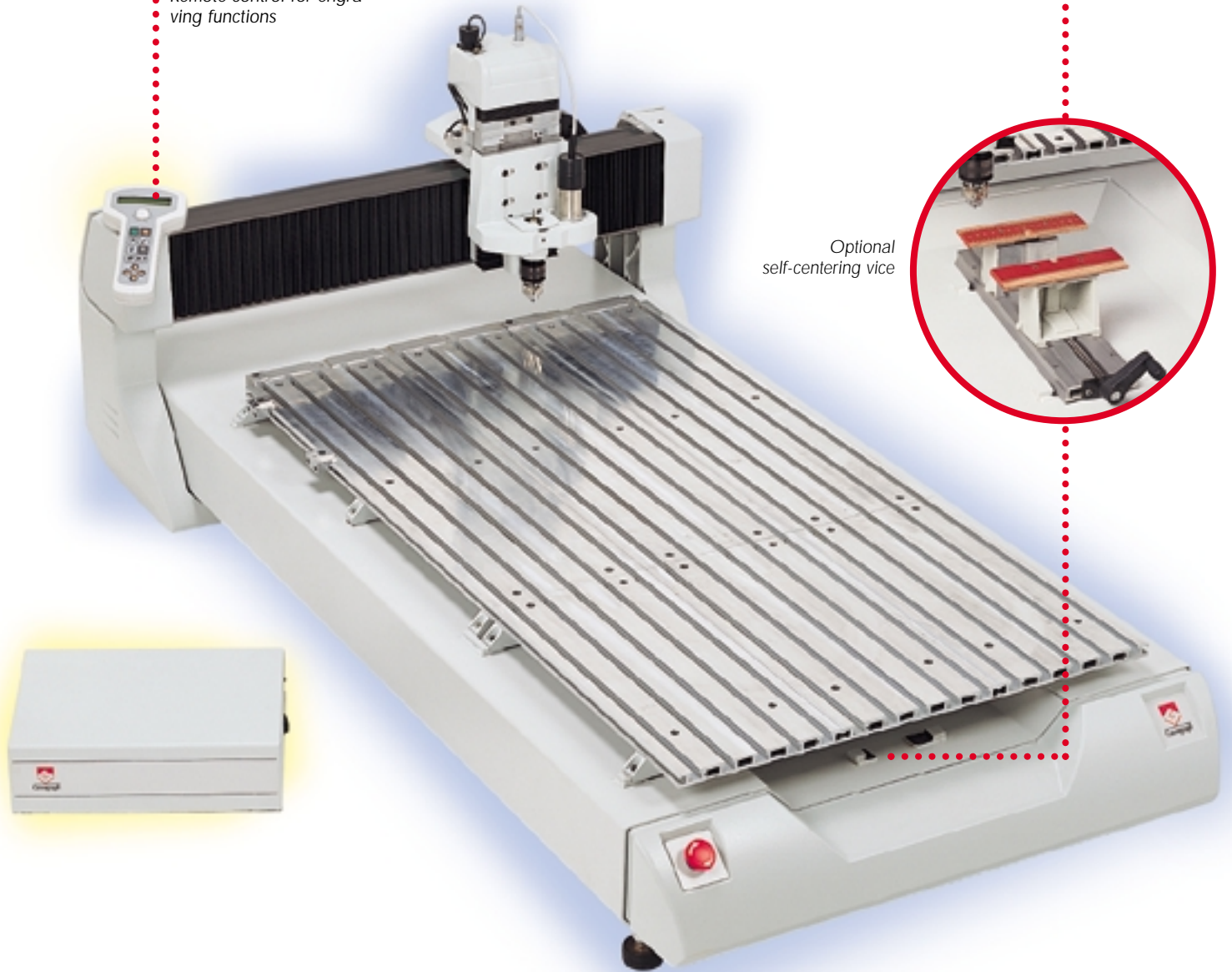


Optional Ø 120mm cylinder attachment

- 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