

mechanical characteristics

X & Y axis			
engraving area	IS6000 XP	610 x 410 mm	
	IS7000 XP	610 x 815 mm	
	IS8000 XP	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 on clamping table		80 mm	
spindle clearance with vice		140 mm	
Movements transmission		by DC motors and by ball bearing screws on the 3 axes	
Speed			
when engraving		60 mm/s	
empty		240 mm/s	
Spindle			
tool Ø		4.36 mm	
rotation speed		13-20000 tr/mn	
tool clamping		with a collet	
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 XP		180 kg	
IS7000 XP		230 kg	
IS8000 XP		280 kg	

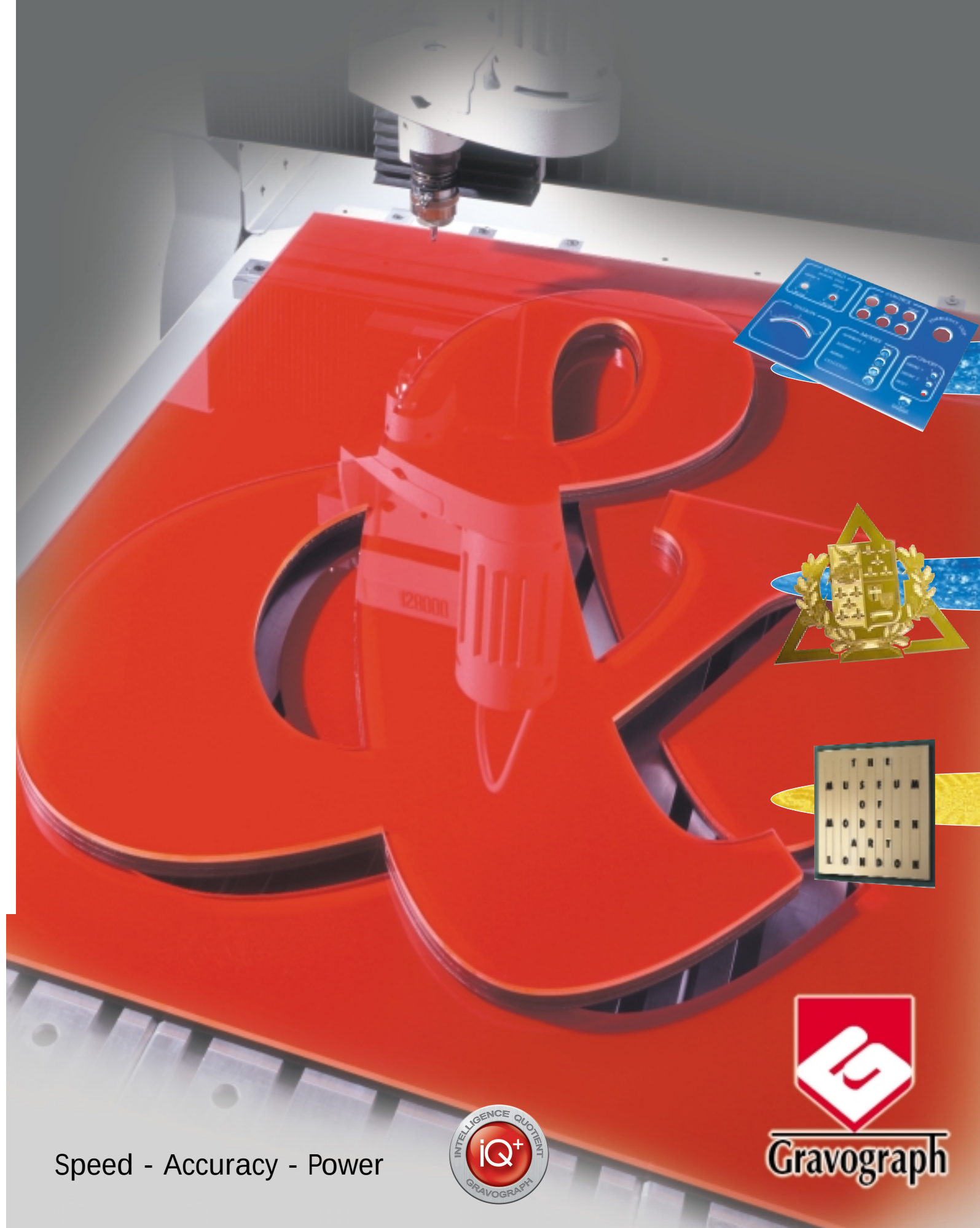


optional accessories

- Standard concentric tightening vice
- Industrial vice
- 300 W high frequency spindle
- Complete range of spindles (standard, collet, diamond, HF...)
- Automatic input/output control
- Lubrication system
- Table supports
- Protection strips for cutting out operations

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.

INTELLIGENT SYSTEM **IS6000** INTELLIGENT SYSTEM **IS7000** INTELLIGENT SYSTEM **IS8000** **XP** EXTRA POWER



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Speed - Accuracy - Power



engraving machines

IS6000 XP **IS7000 XP** **IS8000 XP**

- Engraving areas :
IS6000 XP : 610 x 410 mm
IS7000 XP : 610 x 815 mm
IS8000 XP : 610 x 1220 mm
- Reliability and quality for engraving and milling. IS6000-7000-8000 XP benefit from Gravograph's high standards of manufacture.
- Direct current X, Y and Z axis motors. Ball bearing screws with prestressed nuts.
- Fast. Max. speed = 240mm/s.
- Powerful and quiet spindle motor with 200 W direct current. Equipped with a collet spindle with a system of presetting for cutters.
- Adjustable rotation speed from 13000 to 20000 rpm for machining of various materials.
- High frequency 300 W spindle with pneumatic tool clamping (optional).
- A complete range of spindles, clamping accessories (vices, cylinder drives) and tools to suit the evolution of applications.
- Gravograph's software GravoStyle allows you to create and machine your work on IS6000-7000-8000 XP tables with efficiency.
- An external and perfectly secure rack for performance of electronics allowing maximum efficiency.



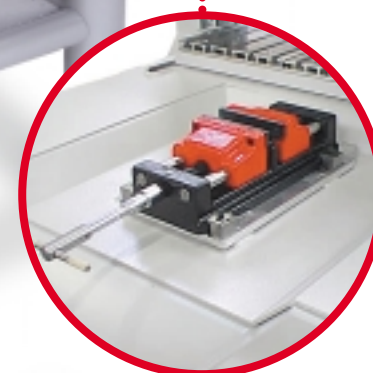
200 W motor and collet spindle



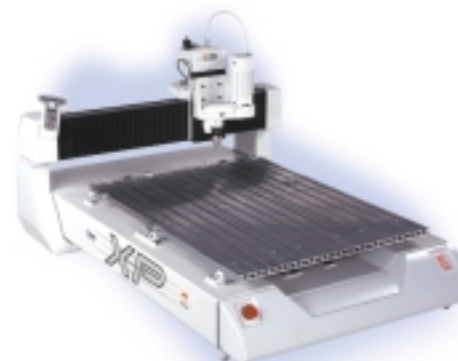
Optional industrial vice



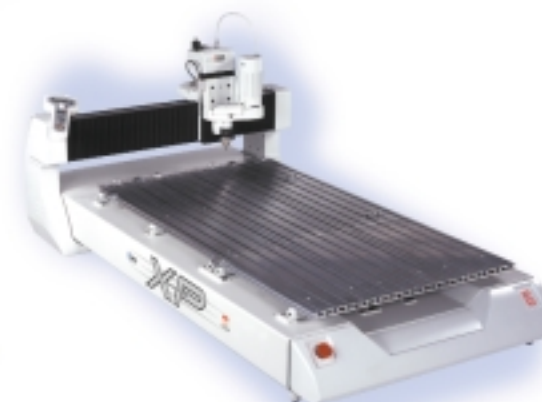
Optional table support



IS6000 XP version : 610 x 410 mm



IS7000 XP version : 610 x 815 mm



IS8000 XP version : 610 x 1220 mm