



Application

Manufacturing of dies, moulds, punches, electrodes for spark erosion, printing, cutting and embossing dies & tools, vacuum forming dies, solid models, control panel plates, name plates, sign making, gift articles, mementos, engraving for rubber stereos, light milling work, etc.

CNC ENGRAVING MACHINE ISH 5060

Machine

'BED TYPE - MOVING TABLE - FIXED GANTRY' construction, comprises of well-ribbed base with integrated bed-ways, thick walled rigidly built gantry and work-table - all these major parts are made of low vibration graded cast iron and the whole machine is mounted on heavy-duty steel fabrication for rigidity and stability. ISH machines comes with stepper motors & micro-stepping drives / ball-screws / LMGs / 24000 rpm water-cooled spindle motor, which all-to-gather with its sturdy construction offers vibration-free smooth movement of all axis while working.

Capable of 2D & 3D ENGRAVING

Capable of Engraving on C.I., M.S., S.S., Carbon Steel, Aluminum, Copper, Brass, Wood, Plywood, MDF, Fiber, Acrylic, Nylon and other plastics.

CNC Controller

- Full featured hand-held DSP Controller with high performance core processor.
- The controller enables to use G-codes / M-codes for 3D operations and allows direct import of G-code (NC) files.

Technical Data – ISH 5060

Table		
Table overall size	mm	510x700
Nos of T-slots/size/center distance	mm	5 / 12 / 160
Table load capacity	kg	100
Moving unit		L M Guideways and Ball Screws (C7) on all axes
Working Range		
X- axis travel	mm	500
Y- axis travel	mm	620
Z- axis travel	mm	200
Axes feed rate	mm/min	0.1 ~ 1500 (depends on material)
Rapid traverse	m/min	3
Spindle speed	rpm	24000
Max. dist. bet. spindle nose & table	mm	210
Electricals		
Axes motors		Stepper motors with micro stepping drives
Spindle motor		2.2kw/24000rpm/1Ph/ER20/AC - water cooled
Power supply		230V / 50Hz / 1Ph AC
Machine weight	kg	1000 (approx.)

Standard Accessories

DSP CNC Controller | Machine Lamp | Coolant Tank with Pump - 2 Sets | Collets 5 nos | Mounting Pad 6 Nos | Tool Kit | User Manual

Optional : Rotary Axis, Servo Motors & Digital Drives, Ground Ball Screws

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