

Engraving & Milling



ISHAN SERIES

APPLICATION

- Manu. of small Punches, Dies, & Moulds
- Printing / Cutting / Embossing Dies & Tools
- Vacuum Forming Dies
- Electrodes for Spark Erosion
- Engraving for Rubber Stereos
- Sign Making, Gift Articles, Mementos
- Control Panel Plates, Name Plates
- Solid Models
- Light Milling Work

FIXED GANTRY – MOVING TABLE – BED TYPE Construction, comprises of well-ribbed bed, thick-walled rugged gantry, well-ribbed table – all these major parts are made of graded cast iron and mounted on a heavy-duty steel fabrication for rigidity and stability.

ISHAN Series Machines, up to 4-axis, are built with Servo Motors / Precision Ball Screws / LM Guideways / 24000 rpm water-cooled Spindle Motor, which all-together with its sturdy construction offers vibration-free smooth movement of all axes while working.

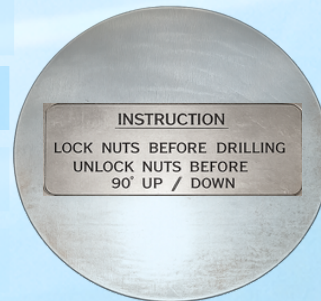
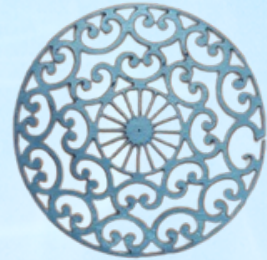
Capable of 2D/3D Engraving and light Milling on most of material, i.e., CI, MS, SS, D2, D3, P20, WPS, OHNS, Carbon Steel, Aluminium, Copper, Brass, Wood, MDF, Fiber, Acrylic, Nylon, and other plastic.

CNC CONTROLLER

- Full featured handheld DSP CNC Controller with high performance core processor.
- The controller enables to use G-codes / M-codes for 3D operations.
- Allows direct import of G-codes (NC) files

Technical Parameter

Item	unit	ISHAN-300
Travel	mm	290/350/125
Spindle Nose to Table	mm	130
Worktable		
Dimensions	mm	380x450
Max Load	kg	50
T-slot (No x Width x Distance)	mm	4/12/110
Spindle		
Dia	mm	80
Max Speed	rpm	24000
Motor Power (Rated)	kw	2.2
Motor Torque (Rated)	nm	0.88
Spindle Taper		ER20
Feed Rate		
X/Y/Z-Axis Rapid Speed	m/min	1.5
X/Y/Z-Axis Max Feed	mm/min	1500
Accuracy		
X/Y/Z-Axis Positioning Accuracy	mm	0.015
X/Y/Z-Axis Repeatability	mm	0.02
Miscellaneous		
Power Supply	mm	Single Phase AC 230V/50HZ
Total Weight	kg	350



Specifications & photos are subject to change due continuous improvement.

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