CNC MACHINES

FlatCam CNC Machine



The FlatCam CNC Machine is an advanced multi-axis machining system designed for producing highly complex and precise jewellery components with exceptional efficiency. Unlike conventional 3-axis or even 5-axis machines, this CNC system offers seven degrees of movement, allowing the tool and workpiece to rotate, tilt, and shift seamlessly during the machining process.

Applications

- 3D pendants
- Sheet decoration
- Interlock pendants
- Flat ring concept designs
- Jewellery components
- Bracelets
- Interlock earrings

Published Specifications

Parameter	Specification
Model Name	Flatcam – IRIS Series
Special Feature	Adds rainbow effect on gold and silver sheets
Metal Recovery	Maximum Recovery Rate
Number of Axis	7 Axis (X, Y, Z, R_1, R_2, J, H)
Design Software Compatibility	CorelDRAW, ArtCAM, AutoCAD
Working Area	100 mm × 320 mm
Sheet Thickness Capacity	0.25 mm to 2 mm
Sheet Clamping	Vacuum Fixture
Spindle Motors	– Vertical: 3.7 kW, 40,000 RPM (Max Output) – Horizontal: 400 W, 6,000 RPM (Max Output)
Machine Dimensions	L 980 mm × W 980 mm × H 1600 mm (PC cabinet not mentioned)
Machine Weight	Approx. 650 Kg
Power Supply	3 Phase / 1 Phase (Optional)

Contact HK Industries to confirm the configuration, dimensions and commercial terms for your requirement.

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