

3X
FASTER

3X
RIGID

GEOMETRY

CNC TECHNOFINE

High Speed CNC Engraving Machines & Micro Milling Machines



NO.1 COMPACT DESIGN
FINEST PRECISION
SUPER FINISHING
FASTEST MACHINING



www.GeometryCNC.in



SPECIFICATIONS	GDE HP 300L	GDE HP 400L
Table Size - Clamping Area	350 x 350	500 x 400
Working Area X - Y - Z	300 x 300 x 150	400 x 400 x 150
T Slot Size	14 MM	14 MM
T Slot Centre Distance	75 mm	80 mm
Rapid Feed	15000 mm/min	15000 mm/min
Cutting Feed	10000 mm/min	10000 mm/min
Spindle Power	2.2 Kw	2.2 Kw
Spindle RPM	24000	24000
Spindle Type	Water Cooled	Water Cooled
Tool Clamping System	ER - 20	ER - 20
Max Tool Diameter	12	12
Positioning Accuracy	8 Micron	8 Micron
Position Repeatability	5 Micron	5 Micron
Axis Guide System	20 MM Precision LM Guideways	20 MM Precision LM Guideways
Axis Drive System	25 mm Ground Ballscrew	25 mm Ground Ballscrew
Axis Motors	Absolute Servo Motor	Absolute Servo Motor
CNC System	Delta / LNC CNC Controller	Delta CNC Controller
Spindle Drive	Sensorless Vector Control	Sensorless Vector Control
USB Connection	Yes	Yes
LAN Connection	Yes	Yes
Job Size Measurement	Yes	Yes
Break Point Restart	Yes	Yes
Power Cut Restart	Yes	Yes
Feed Override	Yes	Yes
Synchronous Interpolation	Yes	Yes
Full Closed Loop System	Yes	Yes
MPG Handwheel	Yes	Yes
Work Co-Ordinate	G54 to G59	G54 to G59
Square Zero Offset	Yes	Yes
Round Zero Offset	Yes	Yes
Maximum Job Weight	150 Kg	150 Kg
Machine Weight	850 Kg	950 Kg
Machine Dimensions	650 x 800 x 1850	770 x 920 x 1850
Operating Temperature	20 - 35 Degree Celsius	20 - 35 Degree Celsius

*Specifications May Change Without Any Prior Notice



- ✓ The Most Rigid, Versatile, Rugged Machine
- ✓ 3x Increased Tool Life For Micro Machining
- ✓ MQL Drop Oil Technology For Jewelry Dies
- ✓ The Most Balanced & Fastest Machine Dynamics
- ✓ SuperFast Dedicated Industrial CNC System
- ✓ Absolute Servo Drive Technology In Engraving



WHO WE ARE

We Introduce **Geometry CNC Technofine** as a leading in engineering & Machine Tools Manufacturing industry with strong foundation in manufacturing with **High Speed Milling & CNC Engraving Technology**. **Geometry CNC** has technically strong management team having rich and diverse experience in **Milling Technology and CNC Systems**. We are having a very qualified, efficient and very experienced personals in wide and varied vistas of engineering since 1946. Therefore we have started an Engineering unit in 2010 to combine Milling Technology with CNC Systems to Produce **High Speed CNC Milling Machine** and **High Speed CNC Engraving Machine** for higher **Productivity** with better **Accuracy, Repeatability, Easy Operating, Stable Cutting Condition, Optimize Tool Performance** and **Time Saving**.

WE SERVE IN INDUSTRIES

- ✓ Automobile
- ✓ Forging Dies
- ✓ Defense Precision Parts
- ✓ Railway Precision Parts
- ✓ Plastic Dies & Molds
- ✓ Mobile Handset Dies
- ✓ Aerospace Precision Parts
- ✓ Sheet Metal Dies
- ✓ Stamping Dies
- ✓ Lock Making & Keys
- ✓ Toys Making Dies
- ✓ Pattern Making
- ✓ Ceramic Tiles Dies
- ✓ Footwear Shoe Molds
- ✓ Pumps & Valve
- ✓ Jewelry & Coining Dies
- ✓ FMCG / Soap Molds
- ✓ Printing & Packaging Dies
- ✓ Biscuit Molds
- ✓ Pharmaceutical Tablet Punches
- ✓ Rubber Molds
- ✓ Textile Parts
- ✓ Name Plates & Wood Working
- ✓ Leather Die Punches
- ✓ Religious Yantras
- ✓ Eye Wear Plastic Frame
- ✓ Electronic & Electrical Parts & Dies
- ✓ Copper & Graphite Electrodes Making
- ✓ Chocolate & Confectionery Molds
- ✓ Machine Tools & Tool Rooms
- ✓ Hardware Brass & Aluminium Handles & Hinges

GEOMETRY CNC TECHNOFINE

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