

Ultrasonic Precision Graphite Machining Center

UPG-600C



Technical Data

Controller

	Standard	Optional
CNC System	HNC-918D	SIEMENS 828D-280

Spindle

Diameter	mm	Φ150
Max. Speed (Short-Duration)	rpm	18000
Max. Speed (Long-Duration)	rpm	14400
Power (Rated)	kW	Y: 15 Δ:20
Torque (Rated)	Nm	Y: 39.6 Δ: 24.8
Spindle Taper	-	HSK-A63
Ultrasonic	-	Optional

Tool Magazine

Tool Holding Capacity	No. of Tools	9
Max. Tool Diameter (Full)	mm	110
Max. Tool Length	mm	70
Max. Tool Weight	kg	3
Type	-	Umbrella Type

Miscellaneous

Power Supply Voltage	-	Three-Phase AC, 380V/50Hz
Power Capacity	kVA	27
Air Pressure	MPa	0.5-0.7
Total Air Consumption	L/min	>100
Total Weight (incl. Accessories)	kg	5000
Machine Size (L x W x H)	mm	1950 × 2100 × 2390

Travel

X/Y/Z-Axis Travel	mm	600×500×250
Spindle Nose to Table	mm	150-400

Worktable

Dimensions	mm	620×560
Max. Load	kg	200
T-Slot (No. x Width x Distance)	pcs×mm×mm	7×12×80

Feed Rate

X/Y/Z-Axis Rapid Speed	m/min.	15/15/15
X/Y/Z-Axis Max. Feed Rate	m/min.	10/10/10
X/Y/Z-Axis Motor Power	kW	0.85/0.85/0.85 (Standard)

Accuracy

X/Y/Z-Axis Positioning Accuracy	mm	0.003
X/Y/Z-Axis Repeatability	mm	0.002
Accuracy Grade	-	UP

Standard Configurations

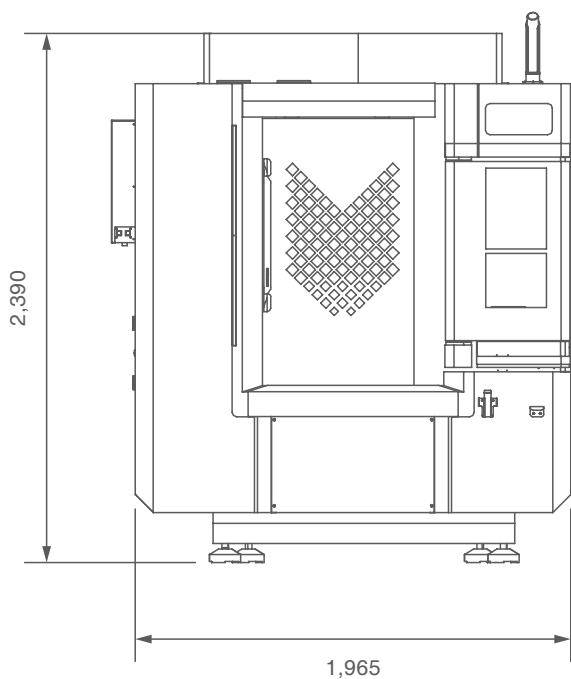
Automatic Centralized Lubrication System Electrical Cabinet Heat Exchanger
Spindle Chiller LED Work Light
High Precision Linear Encoders Three-Color Alarm Light
Handwheel Door Safety Interlock
Blow Gun

Optional Configurations

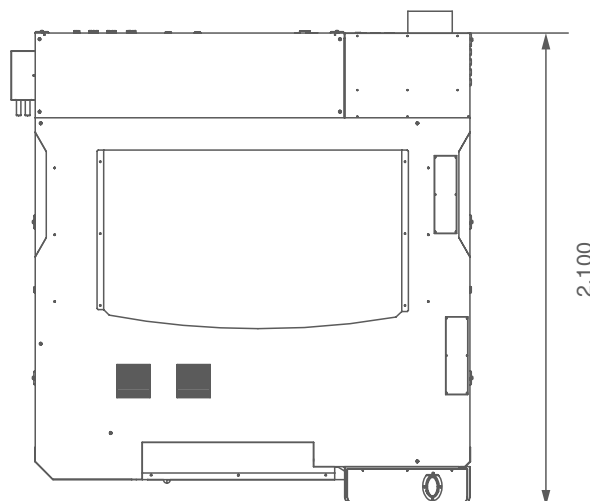
High Precision 3D Probe Automatic Door
Dust Collector Contact Tool Setter
4/5th Axis Rotary Table Laser Tool Setter

Floor Plans (Unit: mm)

Front View



Top View



The information given is not binding. The actual product and mutual agreement shall prevail.

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