

Ultrasonic Precision

Engraving & Milling Center

JLM-600C



Technical Data

Controller

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

Spindle

Diameter	mm	Φ150
Max. Speed (Short-Duration)	rpm	18,000
Max. Speed (Long-Duration)	rpm	14,400
Motor Power (Rated)	kW	Y: 15 Δ: 20
Motor Torque (Rate)	Nm	Y: 39.6 Δ: 24.8
Spindle Taper	-	HSK-A63
Ultrasonic	-	Optional
Minimum Quantity Lubrication (MQL)	-	/
Ultrasonic + MQL	-	/
Supercritical CO ₂ Spindle	-	/

Tool Magazine

	No. of Tools	
Tool Holding Capacity		Non-Ultrasonic: 9
		Ultrasonic: 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	5,000
Machine Size (L x W x H)	mm	1,850 x 2,100 x 2,395

Travel

X/Y/Z-Axis Travel	mm	600x500x300
Spindle Nose to Table	mm	150-450

Worktable

Dimensions	mm	620x560
Max. Load	kg	300
T-Slot (No.xWidthxDistance)	pcsxmmxmm	7x12x80

Feed Rate

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

Accuracy

X/Y/Z-Axis Positioning Accuracy	mm	0.005
X/Y/Z-Axis Repeatability	mm	0.003
Accuracy Grade	-	UP

Standard Configurations

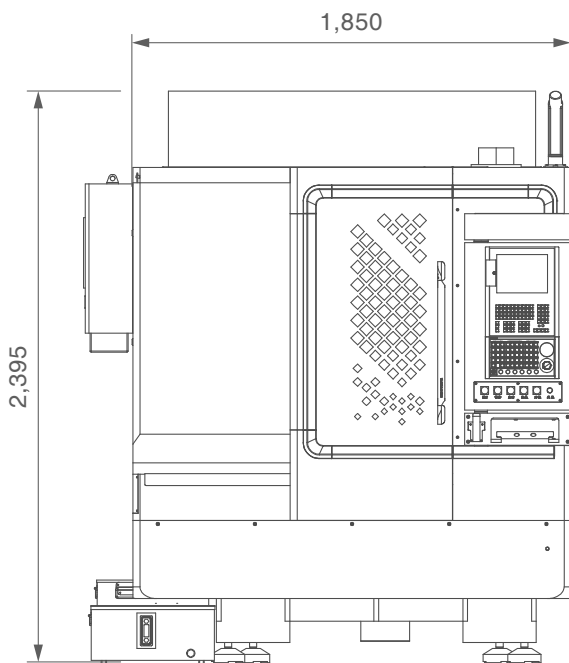
Coolant System	Electrical Cabinet Heat Exchanger
Automatic Centralized Lubrication System	LED Work Light
Spindle Chiller	Three-Color Alarm Light
Handwheel	Door Safety Interlock
Blow Gun	

Optional Configurations

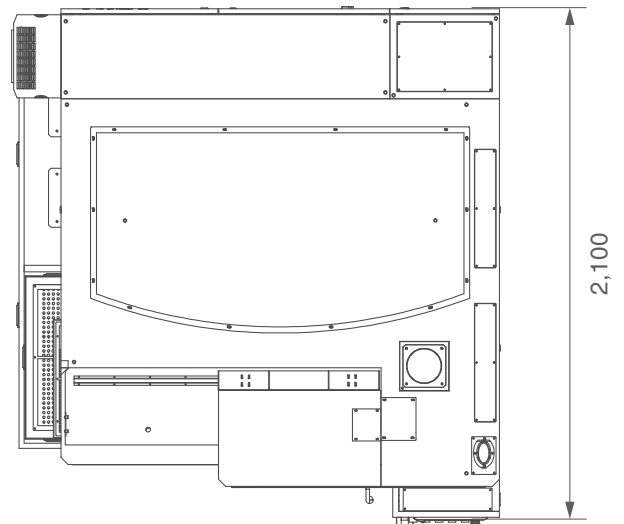
High Precision 3D Probe	Ultrasonic Amplitude Measuring Device
Oil-Mist Collector	5-Axis Simultaneous Machining System (with RTCP Function)
4/5th Axis Rotary Table	Non-Ultrasonic Extended Tool Magazine ETM-9 (C)
Automatic Door	Ultrasonic Extended Tool Magazine ETM-9 (C)
Contact Tool Setter	

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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