

Machine Name : Gantry Machining Center

Brand : Deyung

Machine Model : GSA-2518

Stock No. : 4812243

Ex-factory Date : 2026



Main Technical Parameters:

Three-axis travel: 2500 × 1800 × 800 mm

Distance from spindle nose to worktable surface: 200-1000 mm

Gantry height: 1120 mm

Gantry width: 1910 mm

Worktable size: 2520 × 1610 mm

Maximum load of worktable: 8000 kg

Spindle speed: 6000 rpm

Spindle type: Gear type

Spindle motor (Continuous / 30 min): 15 / 18.5 kW

Spindle taper: BT50 (ISO50)

Rapid feed rate X-axis: 15,000 mm/min

Rapid feed rate Y-axis: 15,000 mm/min

Rapid feed rate Z-axis: 12,000 mm/min

Cutting feed rate: 1 to 6000 mm/min

Tool magazine (Optional)

Magazine capacity: 24 / 32 T

Maximum tool diameter / Adjacent tool clearance: Ø110 / Ø200 mm

Maximum tool length: 400 mm

Maximum tool weight: 15 kg

Positioning accuracy (VDI3441): 0.020 mm

Repeatability (VDI3441): 0.015 mm

Electricity demand: 60 kVA

Air pressure (Minimum): 6 kg/cm²

Hydraulic system: Hydraulic station

Lubricating oil tank: 6 L

Cutting fluid capacity: 550 L

Machine weight: 23 Tons

Standard Option

Spindle temperature control system

Central automatic lubrication system

Cutting fluid cooling system (including pump and coolant tank)

Powerful twin-screw chip conveyor



- Hinge-type chip conveyor
- Fully enclosed protective sheet metal
- Foundation leveling pads and foundation bolts
- Work light
- Automatic power-off function
- Electrical cabinet heat exchanger
- Warning light
- Transformer
- Air gun
- Water gun
- Optional Items
- Gear-type 6000 rpm full-automatic spindle upgrade
- Direct-drive spindle 8000 / 10000 rpm upgrade
- Built-in 8000 rpm high-speed spindle upgrade
- Built-in 8000 rpm electric spindle upgrade
- Z-axis extended structure (1 m / 1.2 m / 1.4 m)
- Column height increase +200 / +300 mm
- Through-spindle coolant (gear box optional)



系列/Item	UNIT	GS2015	GS2018	GS2518
I 参数				
行程 /Stroke	mm	2000	2000	2500
行程 /Stroke level	mm	1250	N/A1	1800
行程 /Stroke level	mm	800	800	800
行程 /Stroke level	mm	200-1800	200-1800	200-1200
行程 /Stroke level	mm	1400	N/A1	N/A1
II 尺寸 Work size				
短尺寸 /X 方向 /Workable size X direction	mm	200	200	250
短尺寸 /Y 方向 /Workable size Y direction	mm	100	160	160
短尺寸 /Z 方向 /Workable size Z direction	kg	1500	6000	8000
III 规格				
行程 /Stroke	mm	2000	6000	9000
行程 /Stroke level	mm	直立式	斜立式	斜立式
行程 /Stroke level	mm	垂直式	1/4in x 5	1/4in x 5
行程 /Stroke level	mm	BT50/CA50	BT50/CA50	BT50/CA50
IV 规格 X, Y, Z, Feed rate				
行程 /Stroke X	mm/min	20000	15000	15000
行程 /Stroke Y	mm/min	20000	15000	15000
行程 /Stroke Z	mm/min	20000	15000	15000
行程 /Stroke	mm/min	1-10000	1-6000	1-4000
V 规格 Tool magazine				
行程 /Stroke	mm	16	16/18	16/18
行程 /Stroke	mm	0.7/0.002	0.7/0.002	0.7/0.002
行程 /Stroke	mm	15	5	5
行程 /Stroke	mm	15	5	5
VI Accuracy				
行程 /Stroke	mm	0.013	0.003	0.013
行程 /Stroke	mm	0.044	0.070	0.075
规格 General specifications				
行程 /Stroke	mm	50	60	80
行程 /Stroke	mm	5	5	5
行程 /Stroke	mm	5	5	5
行程 /Stroke	mm	100	50	50
行程 /Stroke	mm	20	20	23