

PALMARY

CNC VERTICAL INTERNAL END FACE EXTERNAL COMPOSITE GRINDER VIG-120

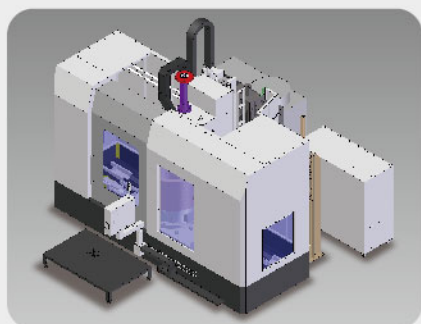
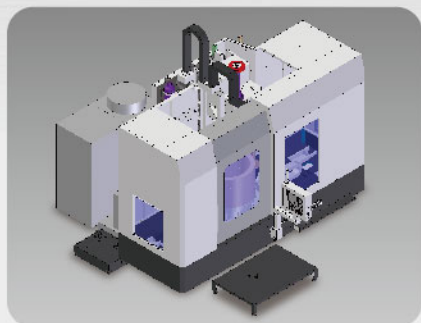


Outstanding Features:

- No vibration and run-out caused by self-weights of the workpiece and chucks that may affect grinding accuracy.
- Irregularly shaped workpieces are easy to chuck.
- Non-symmetric parts between inside hole and external shape can also be ground on inside hole and end face.
- Max. OD and ID diameter for 1,200mm
- Max. Workpiece Length for 600mm
- Honeycomb type machine structure assures the best possible rigidity and stability.
- X, Z-axis are equipped with special cross roller type linear guideways, featuring extra heavy loading capability.
- Auto. Tooling change system (ATC)-- With 6 pcs tool stands & use tool holder HSK 100 type. It is easy to equip the suitable grinding wheels at the same time.
- With Conversational panel frame. The operator can easily be guided to use different kinds of grinding models when need to arrange the grinding program.

CNC VERTICAL INTERNAL . END FACE . EXTERNAL COMPOSITE GRINDER

VIG-120 Specification



Specification		VIG-120
Capacity	Range of Grinding ID (mm)	Ψ45~Ψ1,200
	Max. External Grinding Diameter (mm)	Max. Ψ1,200
	Length of Grinding (mm)	600
	Swing of workhead (mm)	Ψ1,300
	Max. Workpiece (mm)	600
	Max. Workpiece Weight (kg)	5,000
Stage	X Axis (mm)	1,400
	Z Axis (mm)	750
	X/Z Feed (m/min)	0~6000
	X/Z Min. Setting Unit (mm)	0.001
	X/Z Guide Way	V Type Hydrostatic/ linear
Tooling Spindle	Max. Speed of Grinding Wheel (rpm)	6,000
	Diameter of Grinding Wheel (mm)	Ψ80 ~ Ψ200
	Spindle Taper	HSK 100
	Speed of Workholding Spindle (rpm)	5 ~100
ATC	Cutting Tools	6
	Spindle Taper	HSK 100
	Motor Power of Tooling Spindle (kw)	7.5
	Diameter of the table (mm)	Ψ1,200
	Space	5.9mx5.15mx4.75m
	Machine Weight	24,000 kg
	Power	380V
	Controller	Mitsubishi M70