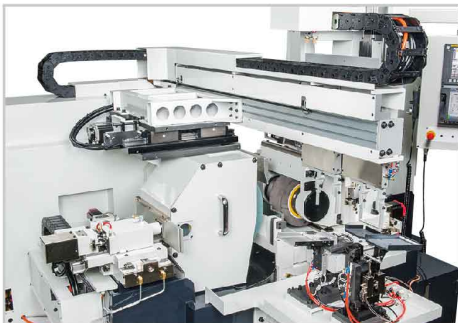


CNC CENTERLESS GRINDER

BEARING SPINDLE TYPE

PCB-4520-3
PCB-4520-6



FEATURES

- High grinding accuracy and high rigidity design for max. 3 axes, 6 axes CNC Centerless Grinder bearing spindle type.
- The best configuration for machine bed and structural support ribs makes the grinding accuracies has high stability.
- The grinding wheel spindle single bearing holding type equipped with super precision cylindrical roller bearings for the highest rigidity requirement.
- For different auto application, the high speed loading & unloading attachment is optional to equip.
- The customs design loading device and outer diameter measuring device are also possible as optional for best functional performance.

CNC CENTERLESS GRINDER

BEARING SPINDLE TYPE

SPECIFICATIONS

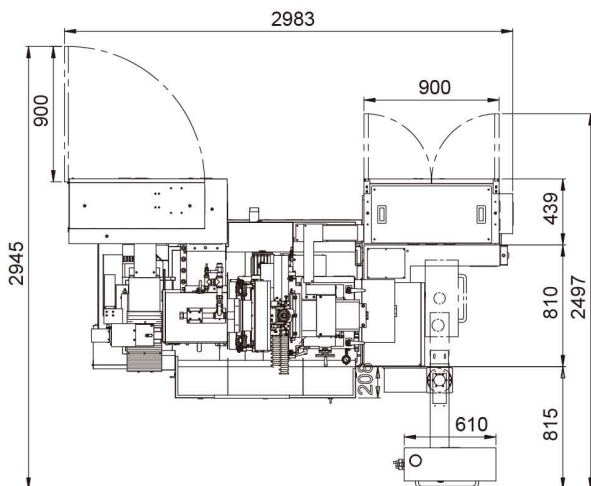
PCB-4520-3, PCB-4520-6

MODEL	PCB-4520-3	PCB-4520-6
Capacity	O.D. grinding range $\varnothing 1 \sim \varnothing 80$ mm	
Grinding Wheel	Size (O.D. x Width x I.D.) $\varnothing 455 \times 205 \times \varnothing 228.6$ mm (opt.: $\varnothing 455 \times 255 \times \varnothing 228.6$)	
	Linear velocity 45 m/s	
	Motor 11 kW (opt.: 15 kW)	
	Lubrication Oil-air type	
Regulating Wheel	Size (O.D. x Width x I.D.) $\varnothing 260 \times 205 \times \varnothing 101.6$ mm (opt.: $\varnothing 260 \times 255 \times \varnothing 101.6$)	
	Linear velocity 10 ~ 300 r.p.m. (variable speed)	
	Motor 1.8 kW servo motor	
	Tilt angle $+5^\circ \sim -5^\circ$	
	Swivel angle $+0.5^\circ \sim -0.5^\circ$	
	Dressing angle $+5^\circ \sim -5^\circ$	
	Lubrication Oil grease type	
	Front & rear micro distance adjustment $+3 \sim -3$ mm	
Lower Slider	Square slide	Ball screw + reducer
Upper Slider	Dovetail slide	Ball screw
	Square slide	Ball screw + reducer
Lubrication	Forced auto lubricator	
Control	CNC	FANUC 0i-TF
Machine Dimensions (L x W x H)	2983 x 2945 x 2066 mm	
Machine Net Weight	3,800 kg	

OPTIONAL ACCESSORIES

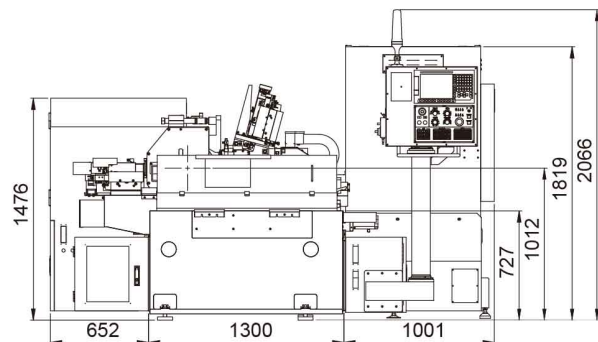
- Fully enclosed splash guard
- Linear scale
- Roller dressing device
- Coolant Separator
- Auto loading/unloading device
- G.W. auto balancing system
- Jib crane for wheel change
- G.W. inverter
- Outer dia. measuring device

• The mentioned specifications & dimensions are subject to change without notice.



MACHINE DIMENSIONS

(unit: mm)



PALMARY

PALMARY

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