

BEARING TYPE CNC CENTERLESS GRINDER

PALMARY
PALMARY MACHINERY CO., LTD.

PCB-4520-3



FEATURES

- Machine equipped with PLC touch panel controller for easily coordinates setting.
- Diamond roller dressing device is the option for CBN wheel grinding application.
- The Bearing Type spindle design for more structure rigidity and grinding stability.
- There is no oil tank require in this machine for environment friendly.
- For automation, design the optional auto loading & unloading device for your workpiece requirement to increase productivity.

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SPECIFICATION		PCB-4520-3
Grinding Range	Standard grinding range dia.	Ø1 ~ Ø80 mm
Grinding Wheel	G.W. size (O.D. x width x I.D.)	Ø455 x 205 x Ø228.6 (1A)
	G.W. speed	Max.3,000 m/min (2,100 r.p.m.)
	G.W. motor	15 HP x 4P (11 Kw)
	Lubrication	Oil lubrication
	Dressing type	Diamond pen
Regulating Wheel	R.W. size (O.D. x width x I.D.)	Ø255 x 205 x Ø111.2 (1A)
	R.W. speed	10 ~ 300 r.p.m. (Variable speed)
	R.W. motor	3 Kw Servo motor
	R.W. tilt angle	+5° ~ -5°
	R.W. swivel angle	+5° ~ -5°
	R.W. dressing angle	+5° ~ -5°
	Lubrication	Oil grease type
	Dressing type	Diamond pen
	R.W. front/rear micro-adjust	+3 ~ -3 mm
Motor	(X axis) Lower screw infeed	FANUC β12 / 3000is (1.8 Kw)
	(Z axis) G.W. dressing infeed	FANUC β4 / 4000is (0.75 Kw)
	(Z axis) G.W. dressing traverse	FANUC β4 / 4000is (0.75 Kw)
Lubrication	Machine lubricate type	Auto lubricator
Controller	CNC	FANUC 0i-TF
Machine Size (LxWxH)		2954 x 3395 x 1998 mm
Machine Net Weight		3600 kg

