





PRIMERO MACHINE TOOLS CORP.

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Fully Automatic Gang Type



Fully Automatic Gang Type CNC Lathe



- Box ways on X, Z-axis.
- > The spindle runs in "NN" roller bearings, featuring excellent heavy cutting resistance.
- > Belt-transmitted 4500 rpm high precision spindle is driven by an inverter controlled motor.
- 6 or 8 position hydraulic turret
- > Foot switch controls collect chuck.
- MPG handwheel for added convenience in setup.
- Hydraulic chuck is available(optional).
- Bar feeder is optional.

PG-42

- ø32 mm hole through spindle
- X-axis travel 200 mm
- Z-axis travel 200 mm
- 5HP spindle motor
- 4200 rpm spindle speed



PG-60

- ø42 mm hole through spindle
- X-axis travel 250 mm
- Z-axis travel 250 mm
- 7.5HP spindle motor
- 3000 rpm spindle speed







Fully Automatic Gang Type CNC Lathe





Application:

This CNC lathe is designed for precision machining for small parts, such as:

- > Automatic parts
- Motorcycle parts
- > Bicycle parts
- > Bearings
- > Hand tools





VARIOUS CNC CONTROLS TO CHOOSE FROM

- Syntec 10A CNC control is standard.
- · Fanuc and Mitsubishi CNC controls are optional

ON-LINE WORKPIECE MEASURING DEVICE(OPTIONAL)

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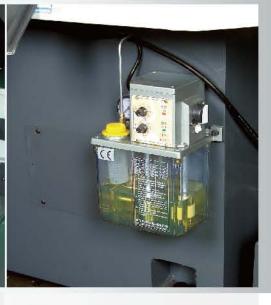
- The measuring device is used for measuring workpiece sizes directly on the machine during machining, that saves time and ensure workpiece accuracy.
- Upon customer's requirement, the measuring device is applicable for measuring inside diameter or outside diameter of workpiece.
- Minimum display is 0.2 μm.
- Measuring frequency can be set as desired.

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Boosting efficiency in precision parts turning!







COLLET CHUCK

- The spindle is mounted with a collet chuck, providing fast chucking of parts.
- The collet chuck is operated by a foot switch for added convenience.
- Applicable collet is type 44.

HYDRAULIC TURRET

- 6-position turret (PG-42)
 8-position turret (PG-60)
- The turret tightening / loosening is actuated by hydraulic power, featuring smooth motion and heavy cutting resistance.
- Tool change time is 0.41 seconds (adjacent tool).

AUTOMATIC LUBRICATOR

- The automatic lubricator delivers lubrication oil to X,Z-axis slideways, that ensure smooth movement at all times.
- In case of lack of oil, an alarm occurs and the machine stops automatically.



	PG-42	PG-60	
Spindle	60# (NN)	80# (Powerful)	
tole through spindle	Ø32 mm	Ø42 mm	
Hydrulic chuck	44# collet chuck 5" hyd. chuck	M55 special chuck 6" hyd. chuck	
ilide travel	X-axis: 200 mm Z-axis: 200 mm	X-axis: 250 mm Z-axis: 250 mm	
ilide moving speed	X-axis: 15 m/min Z-axis: 20 m/min	X-axis: 12 m/min Z-axis: 20 m/min	
pindle motor	5 HP	7.5 HP	
nyerter	7.5 HP	10 HP	
pindle speed	4200 rpm	3000 rpm	
urret	6-position (□20)	8-position (□20)	
Coolant pump	2 kg (high pressure)	2 kg (high pressure)	
lyd. motor / pump	2 HP / 20 L	2 HP / 30 L	
uto parts ingeed	Equipped (Hydraulic arm infeed)(Not i	Equipped (Hydraulic arm infeed)(Not include feedrer and vibrating tank)	
uto parts take-out	Equipped (Swing arm type picker)	Equipped (Swing arm type picker	
ENC control	Syntec brand	Syntec brand	
acking measurement	2200 x 1400 x 2200 mm	2450 x 2700 x 2450 mm	
Machine weight	1170 kg	1600 kg	

Note: The manufacyurer reserves the right to modify the design, specifications, mechanisms....etc. to improve the performance of the machine without notice, all the specifications shown above are juist for reference.

OPTIONAL EQUIPMENT:

- Finished product conveyor.
- Chip conveyor
- Various CNC controls
- · On-line workpiece measuring device
- Hydraulic chuck