

EGP PC-BASE Machine Specification

DESCRIPTION / MODEL	EGP-2550NC	EGP-2560NC II	
Capacity	Swing Over Table	250mm	250mm
	Distance Between Centers	500mm	600mm
	Max. Workpiece Weight	60 KGS	60 KGS
	Chuck Work	20 KGS	20 KGS
Grinding Wheel Size	O.D. x Width x Bore	Ø405 x Ø(32~75) x Ø152.4mm	Ø405 x Ø(32~75) x Ø152.4mm
	Swivel Angle Left / Right	±10°	±10°
Wheelhead	Wheel Speed	1500 ~ 1850 RPM	1500 ~ 1850 RPM
	Traverse Length	250 mm	250 mm
	Manual Infeed	1u , 10 u , 100 u	1u , 10 u , 100 u
	Workhead Type	Fixed / Live Center	Fixed / Live Center
Workhead	Work Spindle Speed	60 ~ 350 RPM	60 ~ 350 RPM
	Center Taper	MT 4	MT 4
	Dia. of Through Hole	Ø25 mm	Ø25 mm
	Spindle Stroke	32 mm	32 mm
Tailstock	Center Taper	MT 4	MT 4
	Manual Infeed	1u , 10 u , 100 u	1u , 10 u , 100 u
Table	Auto-feed / Variable	50 ~ 4000 mm/min	0 ~ 5000 mm/min
	Wheelhead Spindle	3.75 KW (5 HP)	3.75 KW (5 HP)
Motor	Workhead Spindle	0.4 KW (1/2 HP)	0.4 KW (1/2 HP)
	Wheelhead Lub. Pump	0.1 KW (1/8 HP)	0.1 KW (1/8 HP)
	Coolant Pump	0.2 KW (1/4 HP)	0.2 KW (1/4 HP)
	Wheelhead Lub. Tank	24 L	24 L
Tank Capacity	Coolant Tank	100 L	100 L
	Length x Width x Height	2320 x 1450 x 1910 mm	2320 x 1450 x 1910 mm
Machine	Net Weight	2600 KGS	2800 KGS

1. NC-Z Axis driven by hydraulic

2. NCII-Z Axis ballscrew, driven by servo motor

▪ Manufacturer reserves the right to change or improve specifications without notice.



Grinder Professionals

Precision Cylindrical Grinder

PC-BASE series



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PC-BASE SERIES Precision Cylindrical Grinder

The PC-BASE conversational control system is easy to operate, and this design enhances product efficiency and product quality. The machine base is manufactured from high quality casting with tempering & stress-relief treatment to ensure structure stability.



Conversational Control Panel
Easy-operating PC-BASE control system and touch screen



Auto Start/Rapid Back Button
The Auto Cycle Start and Rapid Back Button is designed to increase efficiency and safety operations.



Hydrodynamic Spindle
The highly vibration resistant hydrodynamic spindle design provides high grinding quality.

Standard Accessories



PC-BASE Controller



Grinding Wheel · Flange & Extractor

Coolant System & Splash Guard
Working Lamp
Lubrication System



Tools & Tool Box
Tungsten Carbide
Full Center (2 pcs)



Wheel Balancing
Stand



Wheel Balancing Arbor

FEATURES



Auto sizing device (OD, single step)

The auto sizing device can measure the workpiece's diameter automatically. This function can prevent over cutting, ensure workpiece size & surface accuracy, and shorten the machining time. (opt.)



Workhead/Tailstock

- The workhead spindle is driven by belt, and the design can offer speed-change options.
- The Tailstock is modified as one-shaped high rigidity design, operating with MT4 center tip.

Optional Accessories



Paper Filter (20L or 40L)



Work Rest (2 pcs)



Two-Point Steady Rest
Magnetic Chuck & Plate (6")
Magnetic Coolant Separator (20L or 40L)
Hydraulic Pump 0.75 KW (1 HP)
Spare Wheel Flange (5" or 6")
Tungsten Carbide half Center
Carrier Set (6 pcs)
Hydraulic Tailstock
Endface Automatic Sizing Device
Gap & Crash Control Device
Automatic Wheel Balancer
Heat Exchanger for Electrical Cabinet



Scroll Chuck
& Plate (5" or 6")



Roller type balancing
stand



Outer Diameter
Automatic Sizing Device