#### **EGP PC-BASE Machine Specification**

DESCRIPTION	/ MODEL	EGP-2550NC	<b>EGP-2560NC Ⅱ</b>
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
Wheelhead	Swivel Angle Left / Right	±10°	±10°
	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	Workhead Type	Fixed / Live Center	Fixed / Live Center
	Work Spindle Speed	60 ~ 350 RPM	60 ~ 350 RPM
	Center Taper	MT 4	MT 4
	Dia. of Through Hole	Ø25 mm	Ø25 mm
Tailstock	Spindle Stroke	32 mm	32 mm
	Center Taper	MT 4	MT 4
Table	Manual Infeed	1u , 10 u , 100 u	1u , 10 u , 100 u
	Auto-feed / Variable	50 ~ 4000 mm/min	0 ~ 5000 mm/min
Motor	Wheelhead Spindle	3.75 KW (5 HP)	3.75 KW (5 HP)
	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)
Tank Capacity	Wheelhead Lub. Tank	24 L	24 L
	Coolant Tank	100 L	100 L
Machine	Length x Width x Height	2320 x 1450 x 1910 mm	2320 x 1450 x 1910 mm
	Net Weight	2600 KGS	2800 KGS

<sup>1.</sup> NC-Z Axis driven by hydraulic

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# e-tech

# Grinder Professionals

**Precision Cylindrical Grinder** 

**PC-BASE** series

<sup>2.</sup> NCII -Z Axis ballscrew, driven by servo motor

<sup>■</sup> Manufacturer reserves the right to change or improve specifications without notice.



# 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



# **FEATURES**



#### Auto sizing device (OD, single step)

The auto sizing device can measure the workpiece's diameter automatically. This function can precent over cutting, ensure workpiece size& surface accury, 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.



#### Conversational Control Panel

Easy-operating PC-BASE control system and touch screen



#### Auto Start/Rapld 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**





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

Two-Point Steady Rest



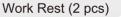
Scroll Chuck

& Plate (5" or 6")











Roller type balancing stand



**Outer Diameter Automatic Sizing Device** 

# **Optional Accessories**

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