

SPECIFICATIONS:

規格表

型式	MODEL	GSRV-1000PNC	GSRV-1200PNC
工作台尺寸	Table size	Diameter 1000	Diameter 1200
最大工作範圍	Max. working range	Diameter 1000	Diameter 1200
磁鐵台面至砂輪面最大距離	Max. distance chuck to wheel	300	
砂輪尺寸	Wheel size	90x80x30x160x8pcs	
主軸馬達馬力	Spindle motor power	22 kw8P	
主軸轉速	Spindle speed	850 RPM/60HZ	
上下進給馬力	Down feed power	1 kw servo motor	
手輪上下每格進給量	Down feed per division	0.001, 0.005, 0.010	
工作台驅動馬力	Table rotary drive power	3.5 kw4P	
工作台速度	Table hydraulic rotating speed	5-18 RPM	
工作台左右移動距離	Table longitudinal moving distance	520	620
冷卻水馬力	Coolant pump power	0.75 & 0.2 kw	
淨重/毛重	N.W./G.W.	9500/10300 kgs	10200/11000 kgs
裝箱尺寸	Wooden case size	40'HQ container	
總馬力	Total power	27kw	

☆本公司擁有修改規格及結構變更設計之權力。 Manufacturer reserves the right to change or improve specifications without notice.

標準附件 STANDARD ACCESSORIES

- 砂輪 Segmental grinding wheel
- 砂輪法蘭 Wheel flange
- 砂輪修整器 Wheel dresser
- 油壓系統 Hydraulic system for table
- 冷卻水系統 Coolant system of two pumps
- 工具箱 Tools with box
- 說明書 Operator's manual
- 零件表 Detailed parts list
- 精度表 Test report

特別附件 OPTIONAL ACCESSORIES

- 電磁鐵含整流及自動脫磁器 Circle pole chuck with rectifier with automatic demagnetizing
- 磁式濾清機 Magnetic dust separator
- 紙帶式濾清機 Band filter coolant clarifier
- 石英工作燈 12V halogen work lamp



垂直軸圓盤平面磨床

VERTICAL SPINDLE & ROTARY TABLE SURFACE GRINDERS

GSRV- 1000
1000PNC
GSRV- 1200
1200PNC

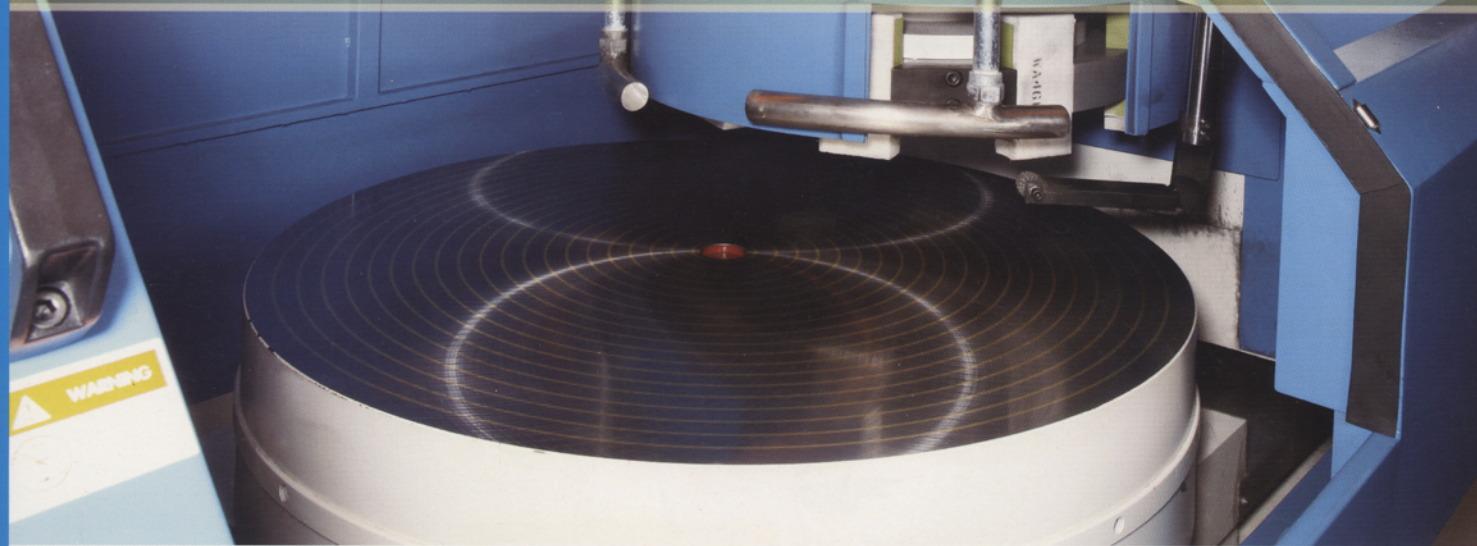


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垂直軸圓盤平面磨床

Vertical Spindle Rotary Table Surface Grinders



特點 FEATURES

- ▶ 本機造型特殊，機體採用FC30鑄鐵鑄造而成，結構穩固；並經熱處理，永不變形，確保機械精度。
- ▶ 立柱滑軌經高週波熱處理並加以研磨，以保立柱之精度。上下傳動採用滾珠螺桿並安裝平衡塊，確保上下移動之準確性及穩定性。
- ▶ 主軸馬達採直接傳動，經平衡校正。並裝置高精度軸承，可確保使用壽命及研磨精度。
- ▶ 工作台採油壓馬達驅動，並以節流閥無段變速控制圓盤工作台轉速快慢。
- ▶ 冷卻系統採用雙馬達，一組為研磨給水裝置使用，另一組則為沖洗圓盤工作物之用，並採用磁鐵過濾器，可確保冷卻水清潔順暢。
- ▶ 全密式護罩，有效防止粉塵及冷卻液飛濺。

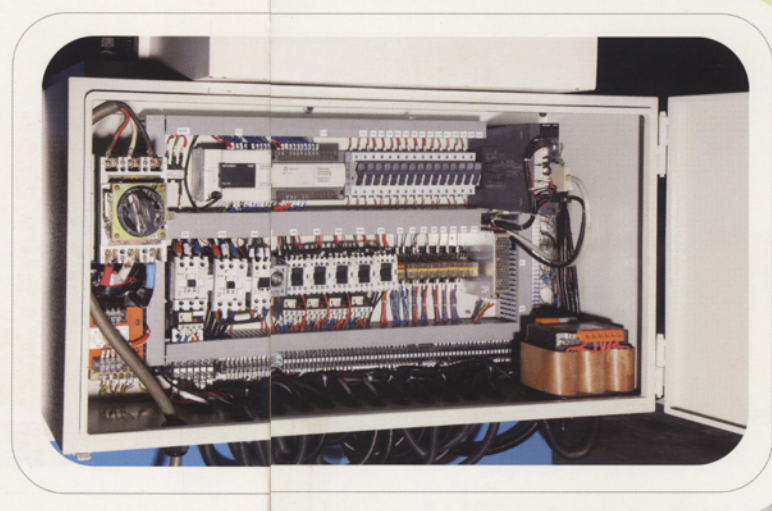
- ▶ The major machine parts are manufactured from high quality cast iron (FC30) for maximum structural stability, heat treated for deformation-free and lifetime accuracy.
- ▶ Column slideways surfaces are hardened and precision ground to ensure high accuracy. Vertical travel is transmitted through precision ball screw, combined with counter-balance weight for outstanding vertical feed accuracy and motion stability.
- ▶ The spindle is directly driven by motor and dynamically balanced. It runs on high precision bearings for long service life and high quality grinding.
- ▶ The table is driven by hydraulic motor combined with the use of throttle valve providing variable table running speed.
- ▶ The cooling system is equipped with two motors. One for delivering cutting fluid and the other is used for flushing workpieces on the table. The cooling system employs a magnetic dust separator to keep fluid clean and ensure smooth circulation.
- ▶ Fully enclosed splash guard effectively avoids dust and cooling fluid splashing.

24伏特低壓電氣控制迴路與安全裝置

本公司所生產的平面磨床，均採用24伏特低壓控制迴路系統，並有安全的連鎖保護裝置，以確保人員和機械安全。操作面板以觸控螢幕，圖形直接對話式NC控制，簡單明瞭，及分離式電子手輪(MPG)，使操作者易於控制。

24 VOLT ELECTRIC CONTROL AND TOUCH SCREEN NC CONTROL PANEL (PNC)

The electrical system is equipped with touch screen PNC control panel, and interlock between the hydraulic pump motors and the electromagnetic chuck. The hydraulics motor can only be started when the chuck is switched on. The spindle can only be rapidly downfeed when the safety switch is switched on, which ensures greater operational safety. Soft ware of grinding modes are built into control system with figure.



觸控螢幕面板
TOUCH SCREEN PANEL

自動研磨流程(PNC) AUTOMATIC GRINDING CYCLE

