

規格表 SPECIFICATIONS

型式 MODEL		GS-1045-2A GS-1045-ASD	GS-740-2A GS-740-ASD	
工作台夾持面積	Table clamping surface (WxL)	mm	1200 X 400 (47" x15.7")	900 X 350 (35.4" x13.8")
最大左右移動距離	Maximum longitudinal travel	mm	1130 (44.5")	820 (32.2")
最大研磨面積	Maximum grinding area	mm	1000 x 450 (39.4" x 17.7")	700 x 400 (27.5" x 15.7")
砂輪中心至工作台 最大高度	Max. distance between spindle centre and table	mm	640 (25.2")	
砂輪頭座快速昇降	Rapid downfeed	mm/min	230 (9"/min)	
上下進給手輪每刻度	Downfeed per division	mm	0.002 (0.0001")	
上下自動定寸進給 (ASD)	Auto-down feed 5 steps (ASD only)	mm	0.001 -0.05 (0.0005"-0.002")	
工作台左右移動速度	Longitudinal table speed	m/min	1-26 (3-85 fpm.)	
砂輪頭前後自動進給	Crossfeed intermittent	mm	0.2-16 (0.008-0.62")	
砂輪頭前後連續進給	Crossfeed continuous	m/min	1.5 (5 fpm.)	
砂輪頭前後進給手輪每刻度	Crossfeed per division	mm	0.02 (0.001")	
砂輪尺寸 (外徑x內徑x寬)	Grinding wheel dimensions (O.D. x I.D. x Width)	mm	ø355 x ø127 x 50 (ø14" x ø5 x 2")	ø355 x ø127 x 38 (ø14" x ø5 x 1-1/2")
主軸轉速	Spindle speed (50/60Hz)	RPM	1720 (60HZ) / 1450 (50HZ)	
主軸馬達	Spindle motor	KW	7.5 (10 HP)	3.7 (5 HP)
油壓泵浦馬達	Hydraulic pump motor	KW	1.5 (2 HP 6P)	1.5 (2 HP 4P)
機械總馬力	Total power of motors	KW	10.25 (13-3 / 4 HP)	6.1 (8-1/8 HP)
佔地面積 (長x寬x高)	Floor space (LxWxH)	mm	4400 x 2300 x 1970 (173" x91"x78")	3000 x 1950 x 1970 (118" x77"x78")
淨重	Net weight	kgs	4000 (8800 lbs.)	2600 (5720 lbs.)
毛重	Gross Weight	kgs	4600 (10120 lbs.)	3150 (6930 lbs.)

註：☆2A為左右、前後自動，上下為手動及快送。 ASD為左右、前後自動，上下自動定寸，機械自動停止。  
 ☆本公司隨時在進行研究改進的工作，因此保有更改設計、規格尺寸及機械結構之權利。  
 ☆本目錄之規格僅供參考。 ※大型磨床另有目錄說明。 ※機台標準色為目錄顏色(客戶亦可指定顏色)  
 ☆2A is two axis automatic, ASD is three axis automatic and auto-stop.  
 ☆ Manufacturer reserves the right to change or improve specifications without notice.  
 ☆ For bigger grinders, please see other catalogues.  
 \*Machine colors are shown as in this catalogue. Custom colors are available upon request.

標準附件 STANDARD ACCESSORIES

- 砂輪 Grinding Wheel 1 set
- 法蘭 Wheel Flange 1 set
- 冷卻系統 Coolant Equipment 1 set
- 鑽石筆及座 Diamond tool with holder 1 set
- 工具箱 Tools with Box 1 set
- 平衡軸 Balancing Arbor 1 Pc.
- 空冷油壓系統 hydraulic unit with fan cooling system 1 set
- 砂輪拔取器 Wheel Extractor 1 set
- 說明書 Operator's manual 1 copy
- 零件表 Detailed parts list 1 copy
- 精度表 Test report 1 copy

特別附件 OPTIONAL ACCESSORIES

- 電磁鐵 Electro-magnetic chuck  
(含整流及自動脫磁) (Includes rectifier with automatic demagnetizing.)
- 平行修整裝置(手動) Parallel dressing attachment (Manual)
- 平行修整裝置(電動) Parallel dressing attachment (Electric)
- 弧度成型器 Radius dressing attachment
- 角度成型器 Angles dressing attachment
- 備用法蘭 Spare wheel flange
- 平衡台 Balancing base
- 12V石英工作燈 12V Halogen machine lamp
- 磁式分離機 Magnetic dust separator
- 吸塵器 Dust suction system
- 紙帶式濾清機 Band filter coolant clarifier



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**自動定寸**  
**精密平面磨床**

**AUTO DOWNFEED PRECISION  
 SURFACE GRINDER**

**GREAT**

Precision, Productivity, Dependability, Maximum rigidity.  
 That's the "GREAT" Auto Downfeed Precision Surface Grinder

- ◉ **機械結構剛強**：鑄件結構剛強，並經過內應力消除熱處理(燒燉)。
- ◉ **操作安全簡便**：機械操作完全依照人體工學原理精心設計。
- ◉ **平穩的滑動面**：鞍座採用雙V型滑軌，配合特殊設計之油壓系統及緩衝迴路，運行均非常滑順平穩。
- ◉ **簡便的定位裝置**：不需使用任何工具，定位迅速確實。
- ◉ **全自動潤滑系統**：自動循環強制潤滑系統，無需任何人力潤滑，以確保機械壽命及精度。

◉ **RIGID CONSTRUCTION**

The machine is constructed from rigid cast iron and annealing heat treated to relieve stress.

◉ **PRECISION INTERCHANGEABLE SPINDLE**

The spindle employs sealed permanent lubrication assuring precision and powerful grinding performance.

◉ **MAXIMUM OPERATIONAL CONVENIENCE AND SAFETY**

Machine operation is ergonomically designed for user-friendly operation.

◉ **STABLE SLIDEWAYS**

Double "V" shaped saddle slideways, combined with specially designed hydraulic system and buffering circuit assure maximum smoothness and travel stability.

◉ **CONVENIENT POSITIONING DEVICE**

Fast and accurate positioning is conveniently made without the need of any tool.

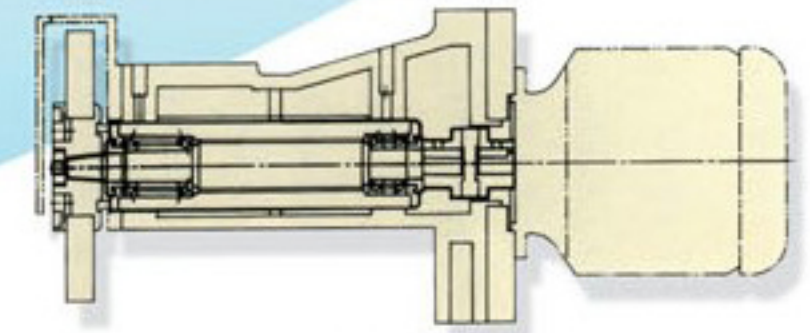
◉ **AUTOMATIC LUBRICATION SYSTEM**

The automatic forced lubrication system eliminates any manual lubrication while ensuring the machine service life and accuracy.

# GS-1045-ASD



# GS-740-2A



**高精度·可替換式主軸**

使用密封式永久潤滑裝置，提供精密且強而有力之研磨。

**INTERCHANGEABLE SPINDLE**

The spindle is supported by 4 preloaded bearings (6 bearings optional) for superior grinding quality and heavy duty operations.

# A 自動定寸精密平面磨床

## Auto Downfeed Precision Surface Grinder



**自動定寸研磨 (ASD機型)**

自動研磨流程包括：自動下降、自動停止定寸，空磨次數0-9次，以及工作台停止在左端，方便工件取放。

**AUTOMATIC DOWNFEED (ASD ONLY)**

The automatic grinding cycle incorporated automatic downfeed, automatic stop for sizing, idle run for spark-out from 0 to 9 times and automatic table stop at the extreme left end for easy loading.



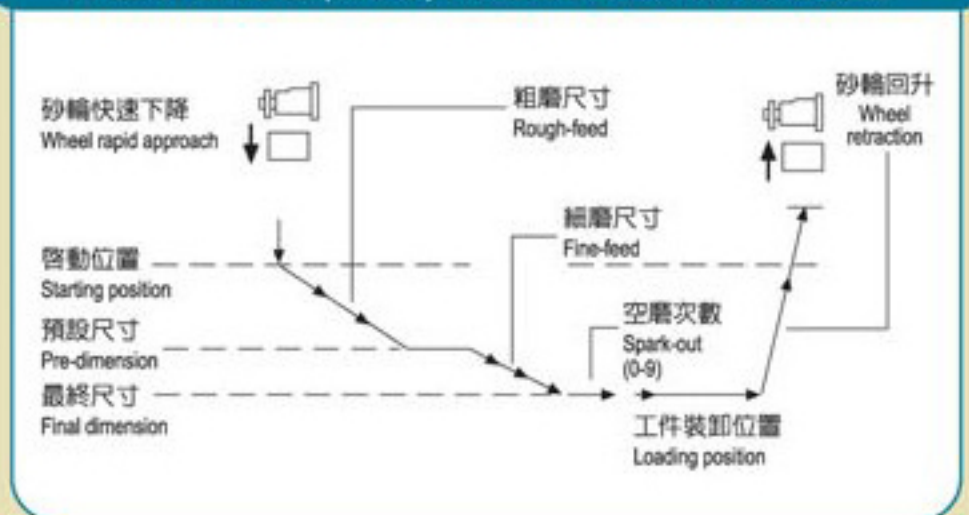
**電氣安全連鎖裝置**

電磁吸盤與主軸馬達、油壓馬達之間裝置有安全連鎖系統，24V低電壓控制，安全更有保障。

**ELECTRIC INTERLOCK SAFETY PROTECTION**

An interlock system is provided among the magnetic chuck, spindle motor and hydraulic motor for maximum safety protection. 24V low voltage control provides added safety guard.

**自動研磨流程 (ASD) AUTOMATIC GRINDING CYCLE**



Whenever performance and accuracy are a must.