

機械規格 SPECIFICATIONS

NOMINAL SIZE		MODEL		1440 NC	
容量 NOMINAL SIZE	旋轉直徑 Swing over bed			356mm 14in	
	中心高 High of center			176mm 6.8in	
	到床鞍蓋旋徑 Swing over cross slide			172mm 6.7in	
	兩頂心距離 Distance between centers			1000mm 40in	
	床身寬度 Width of bedways			206mm 8-1/2in	
主軸 SPINDLE	主軸速度 Number of spindle speeds		3 / 1(Opt.)		
	容量 Speed range	高檔 HI	2000~410 RPM	30-2000RPM Servo motor(Opt.)	
		中檔 MID	540~110 RPM		
		低檔 LO	140~30 RPM		
	主軸通孔 Hole through spindle		38mm 1-1/2in		
主軸鼻端型式 Spindle nose		D1-4 CAMLOCK			
主軸錐度 Taper of spindle bore		M.T.#5			
尾座 TAIL STOCK	尾管行程 Total travel of tailstock barrel		120mm 4-3/4in		
	尾管錐度 Taper in tailstock barrel		M.T.#3		
	尾管直徑 Diameter of barrel		Dia. 45mm 1-3/4in		
X 軸 X-axis	X 軸行程 Travel		203mm 8in		
	快速進給速度 Rapid travel		6m/min		
	滾珠螺桿直徑 Ballscrew Dia.		25mm Pitch5		
	馬達力量 Max servo force		6.3Nm		
Z 軸 Z-axis	滾珠螺桿螺紋 Travel		840mm 33-1/2in		
	快速進給速度 Rapid travel		8m/min		
	滾珠螺桿直徑 Ballscrew Dia.		32mm Pitch5		
	馬達力量 Max servo force		6.3Nm		
刀塔 TOOLPOST	刀把數量 Number of tools		4T		
	刀把尺寸 Shank Tool		20mm		
	加工長度 Cutting Distance		800~950mm		
機械尺寸 ELECTRICAL EQUIPMENT	主軸馬達規格 Main spindle motor		5HP motor 3.5KW / Servo motor 7.5HP 5.7KW(Opt.)		
	伺服馬達規格 Axis servo motor		Servo motor 1.6HP 1.2KW		
	電動注油機容量 Auto lubrication		3L 220V		
	冷卻馬達規格 Coolant pump		1/8HP 220V		
包裝尺寸 PACKING SIZE	占地尺寸 Space		2070 x 1360 x 1683mm		
	包裝尺寸 Packing size		2300 x 1460 x 2120mm		
	機台重量 Machine net weight		1200 kg		
包裝重量 Gross weight		1300 kg			

以上規格如有變更恕不另行通知 / Specifications are subject to change without notice.

※ (選購Option)

標準配備

- 控制器
- 三爪夾頭6"含連接板
- 手動快換刀架
- 中心架
- 自動潤滑系統
- 冷卻系統
- 電子手輪
- 工作燈
- 信號燈
- 板金護罩
- 工具箱與工具
- 頂心套筒
- 固定頂針
- 主軸鼻端凸輪扳手
- 油壺
- 操作手冊與零件表

STANDARD ACCESSORIES

- CNC control system
- 3 Jaw chuck 6 inch (165mm) with backplate
- Manual Quick change tool post
- Steady rest
- Automatic lubrication system
- Coolant pump system
- Electrical hand wheel
- Work lamp
- Signal lamp
- Safety guard
- Toolbox with tools
- Center sleeve
- Two dead centers
- Camlock spindle wrench
- Oil gun
- Optional manual and part list

選配件

- 三爪夾頭
- 四爪夾頭
- 花盤
- 跟刀架
- 電動四方刀架
- 活動頂針
- 鑽頭夾頭13mm
- 油壓夾頭
- 油壓尾座
- 變壓器
- CE標準規範

OPTIONAL ACCESSORIES

- 3-jaw strong scroll chuck
- 4-jaw independent chuck
- Face plate
- Follow rest
- Electrical 4 way tool post
- Live center M.T.#3.
- Drilling chuck 1/2in. (13mm)
- Hydraulic chuck system 3 jaw 6" chuck
- Hydraulic tailstock
- Transformer
- CE Standard Equipment

□ 配備及附件以報價單為準 / Detail equipment & accessories based on the quotation.



GOSAN



CNC lathe 1440NC Flat-bed type

教導式車床



GOSAN MACHINERY CO., LTD.

高尚精機股份有限公司
 NO. 131, RUEIHE ST., DA-LI DISTRICT, TAICHUNG CITY, TAIWAN.
 台中市大里區瑞和街131號
 TEL : 886-4-24950259 E-mail : shyeshen@ms27.hinet.net
 FAX : 886-4-24934507 http://www.shyesheng.com

CNC lathe-Flat type



1440NC

BED WAY 床身

- Meehanite cast iron bed is heavily ribbed.
- The bed ways are induction hardened to HS70 and precision grinded.
- 高強度米漢那鑄造而成。
- 床軌經熱處理研磨製作而成。

CARRIAGE 床鞍

- Automatic lubrication system continuously supplies lubricating oil to carriage and cross-slide.
- 自動潤滑系統持續提供潤滑油到床鞍與床鞍蓋。

TAILSTOCK 尾座

- Tailstock is of rigid construction and features super tight clamp locked by clamp lever.
- M.T. #3 barrel internal taper provides heavy support for live centers or drilling chuck.
- The quill is hardened and grinded with inches and metric graduations.
- 尾座高剛性結構，及可鎖定夾緊把手。
- 尾管錐度莫式 #3，可配合活動頂針與鑽頭夾頭使用。
- 尾管熱處理與研磨，上方刻有公制與英制刻。

FEATURES 特點

- FANUC, FAGOR, SIEMENS, SYNTEC control are available.
- CNC and manual operation.
- Electronic hand-wheels for manual turning.
- Teach in mode.
- Integrated PLC.
- Semi-automatic, automatic (cycle) and part program modes.
- Rapid traverse.
- Automatic home searching.
- 30-2000 R.P.M. infinite variable spindle speed.
- 38mm. 1-1/2inch hole through spindles.
- 2-point supported spindle using 2 precision taper roller bearings.
- All geared headstock, main gears are made from Chromium, Nickel, molybdenum alloy steel and are case hardened and "REISHAUER" ground.
- Forced spray lubrication system used for headstock.
- High precision ball-screws.
- Hardened of bed-way & cross ways meet HB 450.
- Auto lubrication unit for all slide-ways surface and ball-screws.
- 5HP 3.5KW Main motor or 7.5HP 5.7kw main servo motor.
- 發那科，發格，西門子，新代...等控制器皆可安裝。
- 可CNC與手動操作。
- 電子式手輪提供手動模式使用。
- 教導模式操作。
- 內建完整PLC程式。
- 可以半自動，全自動循環程式加工或部分程式執行。
- 軸向往復功能。
- 原點復歸功能。
- 30-2000轉無段變速功能。
- 主軸孔徑38mm。
- 主軸軸承由兩顆高精度滾柱軸承支撐確保加工穩定。
- 床頭齒輪頭設計，床頭齒輪為鉻，鎳，鉻合金鋼經過熱處理與研磨處理，床頭齒輪降低噪音。
- 頭部浸油式潤滑，旋轉強制潤滑。
- 兩軸安裝高精度滾珠螺桿。
- 床身與床鞍採用米漢那材質，軌道熱處理研磨。
- 自動潤滑系統，提供床軌，床鞍與滾珠螺桿潤滑。
- 主軸馬達5HP馬力或可選擇7.5HP伺服馬達。

HEADSTOCK 車床頭

- The headstock is made of high quality cast iron (FC30) all shafts and gears are of high tensile steel and are hardened and grinded.
- 3 spindle speeds 30-2000 rpm. Low speed provides High torque output for heavy duty cutting. High speed is for finish cutting.
- Hardened and grinded main spindle is supported by precision taper roller bearing.
- Headstock have inner oil reservoir in which lubrication worked by splashing lubricant.
- 車床頭材質採用高品質鑄件，床頭心軸與齒輪皆經過熱處理與研磨處理。
- 主軸三段變速，低速檔提供高扭力的重切削，高速檔適合精切削。
- 主軸軸承由兩顆滾柱軸承安裝於主軸箱上。
- 床頭採用浸油式潤滑與旋轉強制潤滑處理。



• Chip tray 鐵屑盤

Easily to remove the chip front of the lathe.
前抽式鐵屑盤方便清除鐵屑。



• OPERATOR BOX (OPTIONAL) 操作箱(選配)

Dual hand wheels in front of CNC lathe easily to control in manual mode.
前方安裝雙電子手輪，方便使用者手動操作。
Operator box can move smoothly.
手輪操作箱可任意移動。

• TOOL CABINET (OPTIONAL) 工具櫃(選配)

Tool cabinet can put cutting tools and maintance.
大工具櫃空間可放刀具與工具。

SIMPLE TYPE

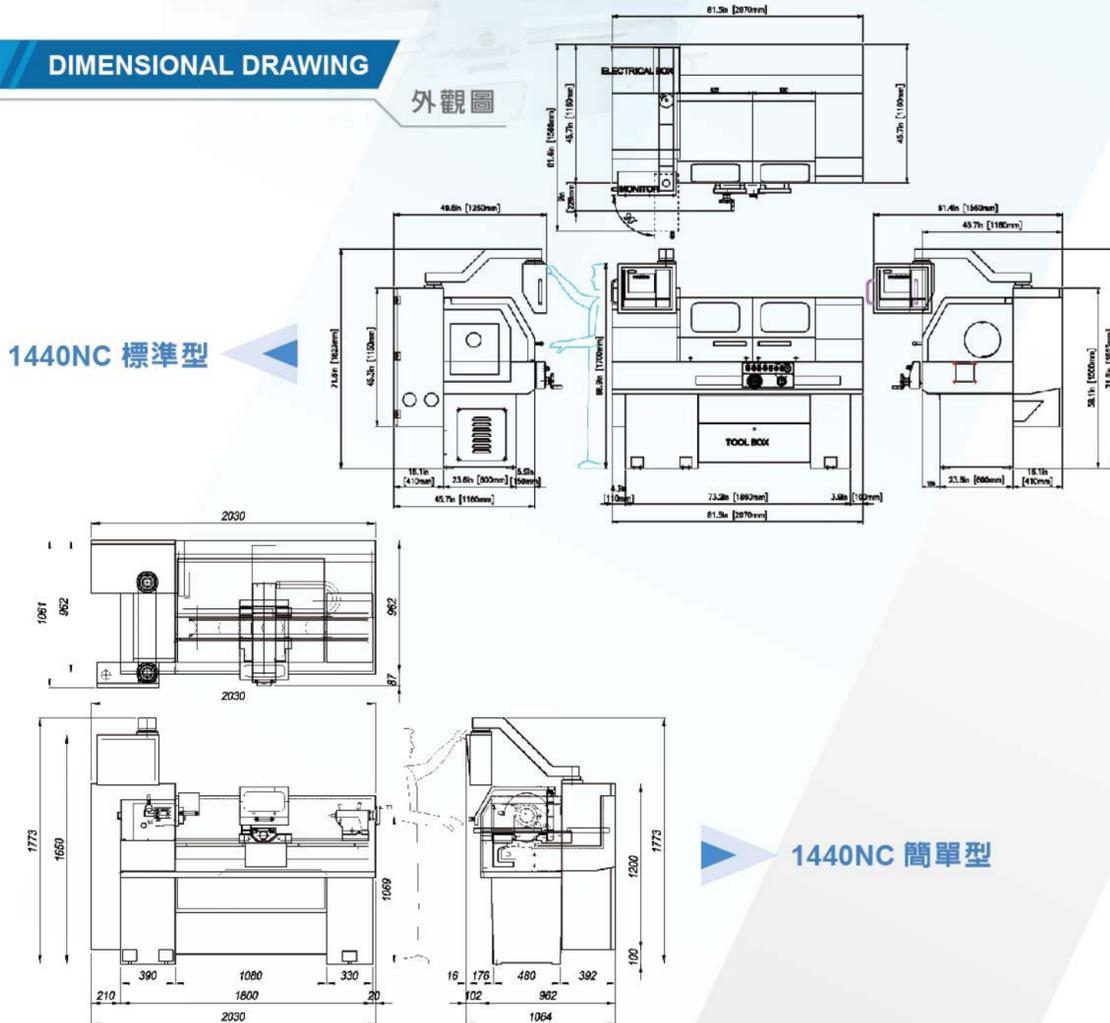
簡單型外觀



DIMENSIONAL DRAWING

外觀圖

1440NC 標準型



1440NC 簡單型