



KING YAO

ELECTRICAL CO., LTD



L6 CNC LATHE

KINGYAO 設計核心以人為本，以客戶立場深思客戶的需求與方便性而研發出高效率的 CNC 車床。

L6 機型可選擇搭配 FANUC、三菱、新代數值控制器，是專為你提升產能的 CNC 棒材加工自動車床。更可搭配自動化門型機械手，六軸伺服機械手臂或自動送料機構，達到無人化 AI 智慧加工。

全新的 L6 呈現下列優勢：

1. 鋼性強：高鋼性鑄造床身，吸收高速旋轉和快速定位產生之震動，使重切削更具有鋼性及穩定性。
2. 採用櫛式刀座設計：有效節省換刀時間並提高加工速度，加工件少量多樣時，將節省時間人力成本。
3. 豐富的加工能力：機械本身亦可搭配伺服動力系統，可提供銑邊、攻牙、鑽孔、剖邊等。



KINGYAO always think about needs and conveniences from users, and then, we make more suitable and efficient machines. The human-based and innovation are our important core design. We have FAUNC control system, Syntec control system and Mitsubishi control system for customer choosing.

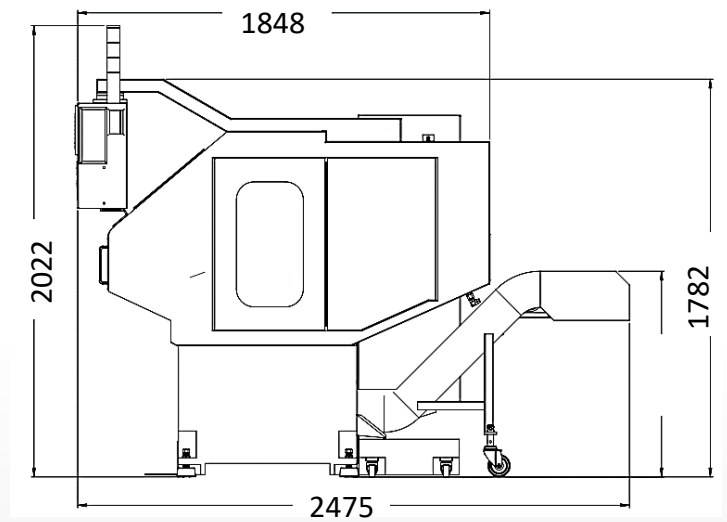
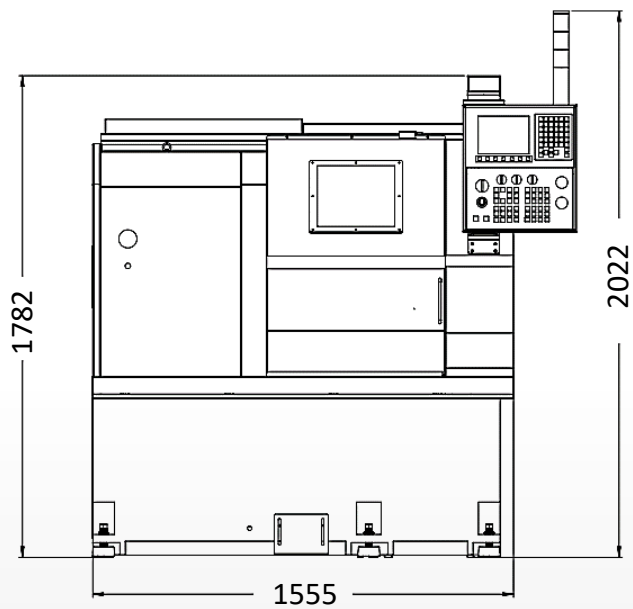
The L6 CNC lathe serves to machine CNC bar materials and will increase your productivity. Besides, you may choose Gantry type robot, 6-Axis robot arm or auto feeder to spur into “smart machinery” to achieve unmanned AI smart processing and creating more production value to machine.



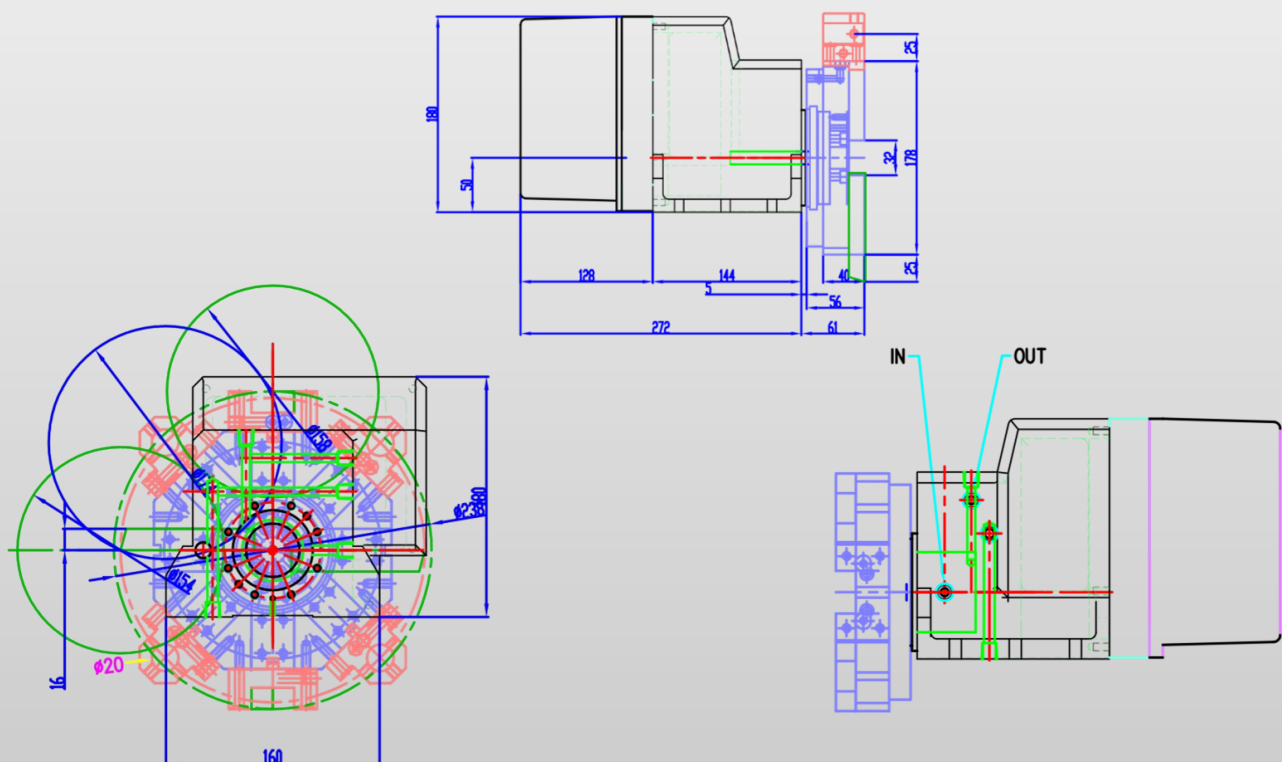
The new experience by L6 presented strengths are as follow :

1. Rigid : High rigid cast machine bed, absorbing the vibration caused by high speed rotation and rapid traverse, perform stability when turning heavy duty lathe work.
2. Gang Type Tooling System: Gang type tooling provides fast tool changes for short cycle times, processing speed is faster. Suitable for high production or rapid prototyping of small, precision parts.
3. Turret can be chosen as optional: It also works with a servo power tool system, capable of edge milling, tapping, drilling, slitting, etc.

機械外觀尺寸 *Layout*



刀塔干涉圖 *Tool Interference*



機械規格 Specifications

規格 Specification			
項目 Item		KY-L6	KY-L6T
容量 Capacity	床面上直徑 Swing over bed	320mm	
	標準加工直徑 Standard turning diameter	100mm	
	標準加工長度 Standard cutting length	200mm	
移動量 Stroke	X 軸 X-axis	450mm	
	Z 軸 Z-axis	345mm	
主軸 Spindle	轉速 Speed	20-4000	
	主軸鼻端 Spindle nose	A2-5	
	棒材容量 Bar Capacity	45mm	
刀具台 Toolholder	型式 Type	櫛式固定式 Gang bed fixed on cross slide	V8 伺服刀塔 V8 Servo turret
	外徑切削工具 OD tool shank	□20mm	□16mm
	內徑切削工具 ID tool shank (Max.)	Ø32mm	Ø20mm
進給速度 Feed traverse	X 軸 X-axis	15m/min	
	Z 軸 Z-axis	15m/min	
馬達 Motor	主軸馬達 (30 分) Spindle motor (30mins)	15HP/11KW	
	進給軸馬達 Servo motor	1. 6HP/1. 2KW	
	油壓單元馬達 Hydraulic unit motor	1HP/0. 75KW	
	切削液馬達 Coolant pump motor	1/2HP/0. 37KW	
機械尺寸 Machine dimension	機械高度 Height	1900mm	
	占地面積 Floor space	2000x2500mm	
	機械重量 Weight	2600kg	2680kg

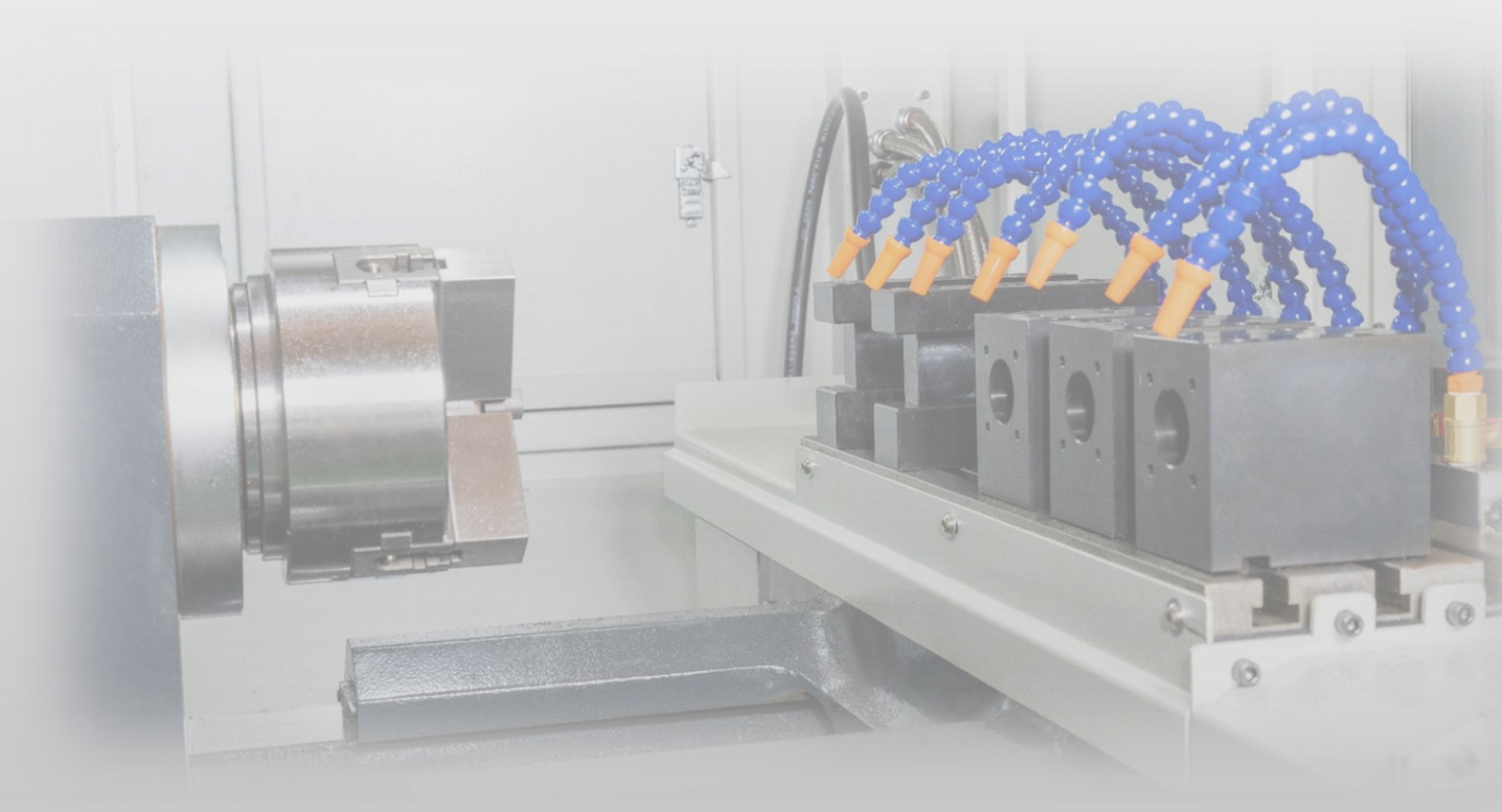
本公司擁有變更設計權利，以上規格如有變動，恕不另行通知。

We have the right to modify the specification or designs.

If there are subject to change without prior notice.

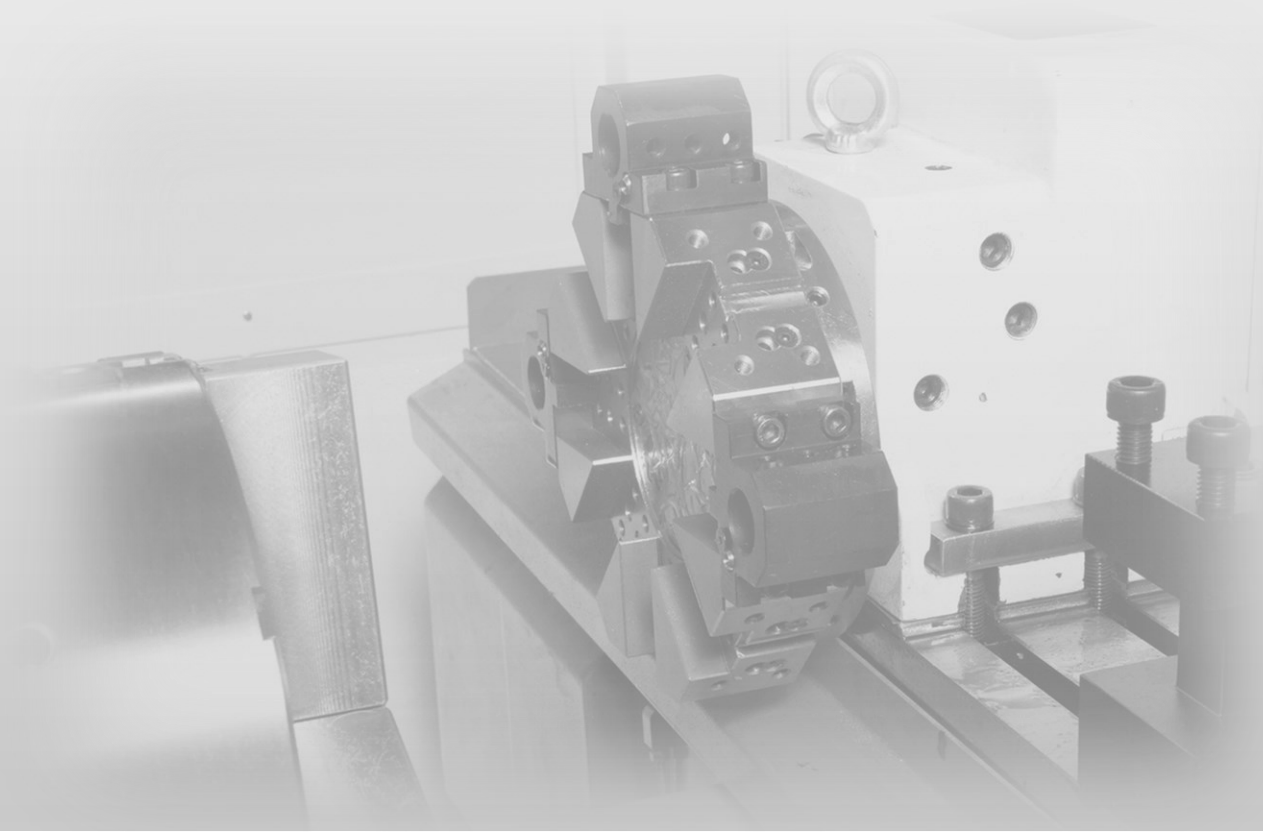
標準配備及附件 *Standard equipment & accessories*

標準配備	Standard Accessories
FANUC 0i-T 控制器	Fanuc 0i-T Controller
7.2" 彩色螢幕	7.2" LCD
主軸馬達 15HP, 11KW	Spindle motor 10HP, 7.5KW
油壓系統	Hydraulic system
6" 中實油壓三爪夾頭	6" 3-jaw solid power chuck
硬爪	Hard jaw
軟爪	Soft jaw
冷卻水槽及冷卻系統	Coolant tank & coolant system
活動門及擋屑板	Moving door & Splash guard
工作燈	Work light
單刀座	Single tool holder
雙刀座	Double tool holder
鑽孔刀座	Drill holder
四方刀套 (M8, 10, 12, 16, 20, 25)	Square boring bar socket (M8, 10, 12, 16, 20, 25)



特別配備及附件 *Optional equipment & accessories*

選購配備	Optional Accessories
變壓器	Transformer
V8 伺服刀塔	V8 servo turret
鐵屑輸送機	Chip conveyor
鐵屑車	Chip bucket
中空油壓夾頭	Hollow hydraulic chuck



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