

機台規格 Specifications		KL-20
加工範圍 Machining Capacity	最大旋徑 Swing Over Way Covers (Dia.)	Ø 520 mm
	最大加工工件長度 Max. Turning Length	470 mm
	最大加工工件直徑 Max. Machining Dia.	Ø 300 mm
	最大拉桿通孔直徑 Through Draw Tube Capacity	Ø 52 mm
X/Z軸移動 X, Z Axis Travel	X軸行程 X Axis Travel	170 mm
	Z軸行程 Z Axis Travel	580 mm
	X/Z軸快速移動率 X/Z Axis Rapid Traverse	X Axis 12 m/min Z Axis 20 m/min
FANUC 伺服馬達 FANUC Motors	主軸馬達功率 Spindle Motor Rate	7.5 / 9 / 11 kW
	主軸基底轉速 Base Speed	625 rpm
	主軸最高轉速 Max. Speed	3500 rpm
	主軸輸出扭力 Torque Rate	136.9 Nm
	X軸伺服馬達 X Axis Servo Motor	2.5 kW
	Z軸伺服馬達 Z Axis Servo Motor	2.5 kW
刀塔 Turret	刀塔驅動 Turret Drive	油壓馬達 Hydraulic Motor
	刀塔數目 Number of Stations (Standard)	10 T
	四方刀座規格 Square Shank Size	25 mm
	鏢刀座規格 Milling Tool Base Size	40 mm
	相鄰刀具換刀(T-T) Index Time Next Station (T-T)	0.25 sec.
可程式尾座 Fully Programmable Tailstock	頂心規格 Morse Taper Center	MT NO.4
	尾座行程 Tailstock Travel	410 mm
	最大挾持工件長度 Max. Part Length	470 mm
	快速移動率 Rapid Traverse	5.5 m/min
機器尺寸 Machine Dimensions	長×寬×高 Length x Width x Height	3707 x 1680 x 1778 mm
	重量 Weight	4200 kg
	佔地面積 Floor Area	6.2 m ²

標準附件 Standard Accessories		KL-20
FANUC Oi mate-TD 控制器 FANUC Oi mate-TD Control		8.4" 彩色液晶螢幕 8.4" Color LCD
三爪夾頭及軟爪 3 Jaw Chuck with Soft Jaw		8 inch
四方刀架 Square Tool Rack 25 x 25		2 pcs
鏢刀座 Milling Tool Base Ø40		4 pcs
鏢刀柄套 Milling Tool Holder Cover		8,10,12,16,20,25 mm
鑽頭套 Drilling Pin Cover		MT NO.2
刀塔噴嘴 Turret Nozzle		6 pcs
防水鹵素工作燈 Waterproof Halogen Working Lamp		
工作完了指示燈 Worklight		3 色 3 Color
腳踏開關 Chuck-Operation Pedal		
工具箱 Tool Box		
機台手冊 Manual		
特殊附件 OPTIONAL		KL-20
FANUC Oi TD 控制器 FANUC Oi TD Control		8.4" 彩色液晶螢幕 8.4" Color LCD
伺服刀塔 Vertical Servo Turret	刀塔驅動 Turret Drive	伺服馬達 Servo Motor
	刀塔數目 Turret No.	10 T
工件蒐集器 Workpieces Collector	作動方式 Operation Type	擺臂式 Pendulum
	最大工件長度 Max. Workpieces Length	110 mm
	最大工件直徑 Max. Workpieces Dia.	Ø 52 mm
鐵屑輸送機 Chip Conveyor	鏈板式 Hinge Type	適合長屑、捲屑 For longer and curled chips
	刮板式 Scraper Type	適合細屑、碎屑 For fine and grain type chips
刀具量測 Tool Measurement		自動 Automatic
油霧收集機 Oil Mist Collecting Device		1 HP
筒型夾頭 Drum Type Clamp		CL60-A6
棒材送料機 Bar Feeder	棒材長度 Bar Material Length	1250~3200 mm
尾座頂心腳踏開關 Tailstock Live Center Pedal		



CNC 臥式車床
CNC LATHE

KL-20



※註：1.本公司秉持求新求好之精神不斷改善及研發新功能，並保有型錄規格異動權利，若有異動不另行通知，歡迎洽詢。
2.型錄所記載加工尺寸及數據，依加工、環境、刀具條件等不同，實際產生數據可能有所誤差。

※ Notice : 1.To keep improvement and developing new functions, Kuen Jeng reserves the rights to change specifications without further notice.
2.Due to varying cutting conditions, actual results may be greater or less than those listed.



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KUEN JENG **Strict Quality Control · Customers First**

坤鉦公司精心設計KL-20高剛性硬軌車床，嚴格品質控管、模組化的設計，具有高效率、高剛性、高品質，更以滿足客戶的需求用心創造KL-20。

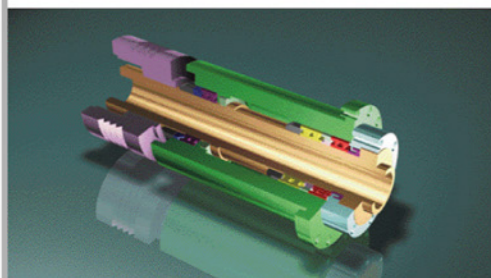
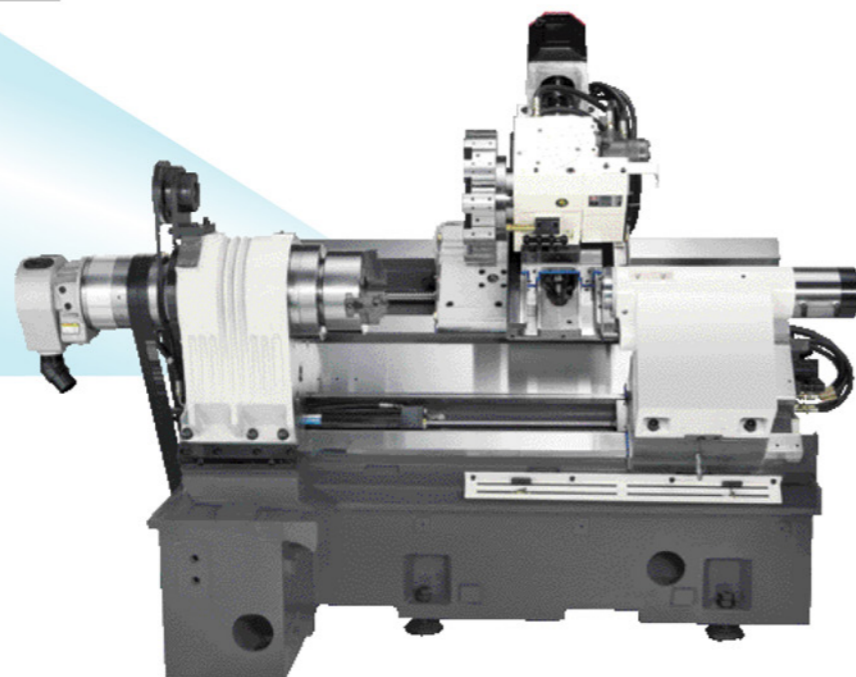
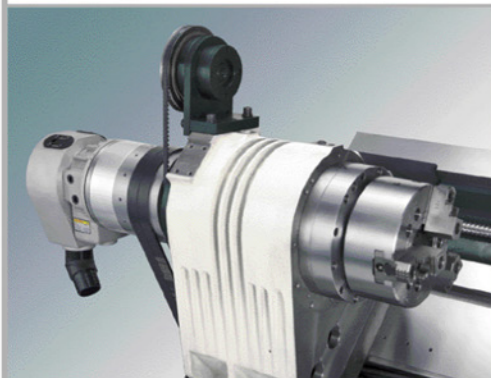
The highly rigid KL-20 slant bed lathe by Kuen Jeng is an example of the exceptional attention paid to detail when we manufacture our lathes. Strict quality control, modular design, high efficiency and high rigidity result in a superior machine that satisfies even the most demanding customer.

整體結構 Main Structure

採用米漢納鑄鐵 (GB300) 一體成型，45° 斜背式床身結構，增加機台剛性、穩定性、抗震性佳。床身重量及結構厚度足以承受重切削負荷。

The KL-20 uses Meehanite GB300 cast iron throughout the frame and body. The 45 degree slant bed increases rigidity, stability, and resists vibration better. The weight and structure of this lathe ensures it can handle even the heaviest cutting jobs.

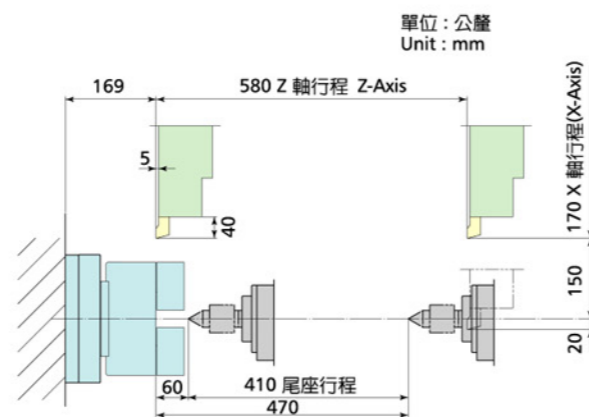
主軸 Spindle



主軸採以SKF高精度斜角滾珠軸承及滾柱軸承，適用於高速精密切削及低速重切削。軸徑向加工穩定性高，主軸馬達匹配高扭力馬達，適用於各種條件加工。

The spindle uses high precision SKF angular ball bearings and roller bearings for precision cutting at high speed and heavy cutting at low speed. Offering high radial stiffness, the spindle perfectly matches the high torque motor for excellent performance under all cutting conditions.

最大加工範圍 Max. Machining Capacity

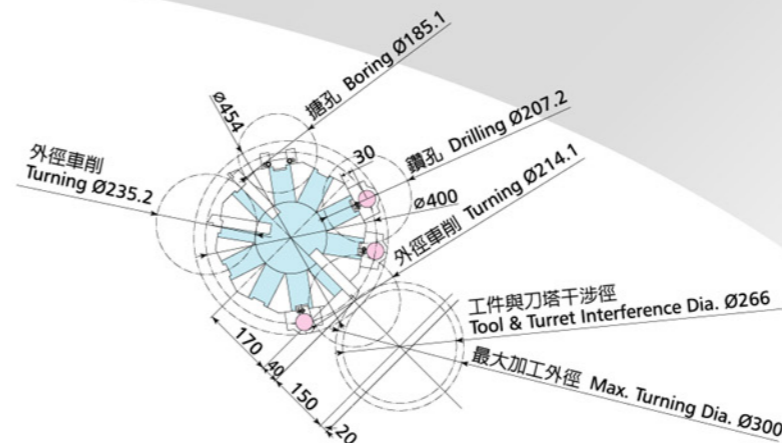


8" 三爪夾頭 + 直立式刀塔加工行程圖
8" Chuck with Vertical Turret Turning Travel

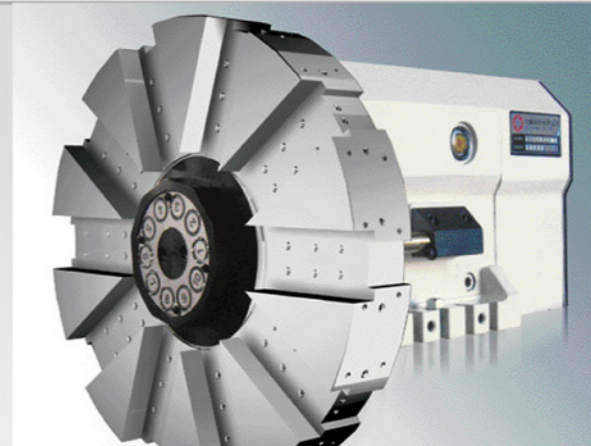
精密油壓刀塔 Hydraulic Turret

10支刀凸輪式油壓刀塔，精確快速換刀定位時間0.25秒，換刀精度高。

10-tool cam type hydraulic turret with accurate speedy tool change within 0.25 seconds.



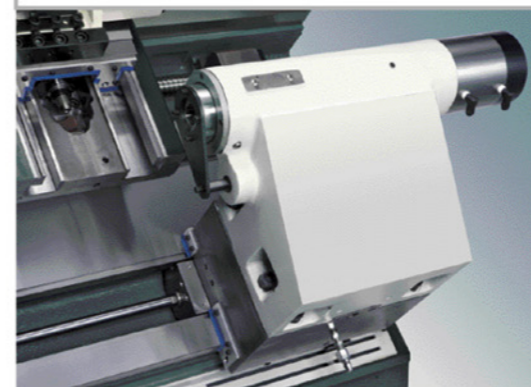
直立式10支刀刀盤干涉圖
Tool Interference Diagram, Vertical Top Plate with 10 Station Turret



可程式尾座 Programmable Tailstock

採用雙可程式控制尾座，尾座本體與尾座心軸，皆以獨立式程式控制，搭配MT-4活動頂心，提高使用效能，以增加產能效率。

Dual control programmable tailstock. The tailstock body and the quill each can be programmed independently for improved productivity and efficiency. The MT-4 live center adds to the versatility of the KL-20.



外型尺寸圖 Machine Dimensions

