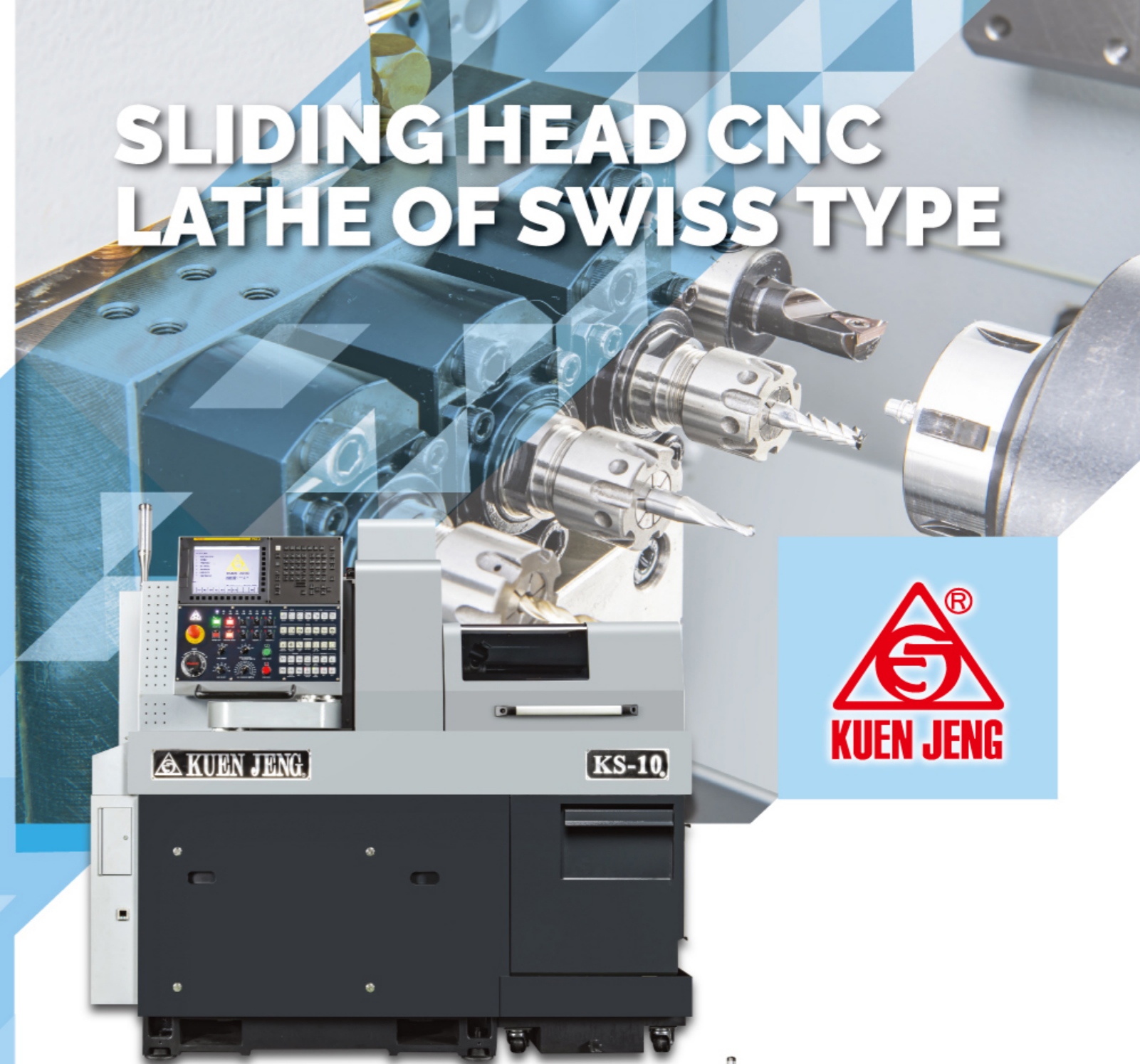


# SLIDING HEAD CNC LATHE OF SWISS TYPE

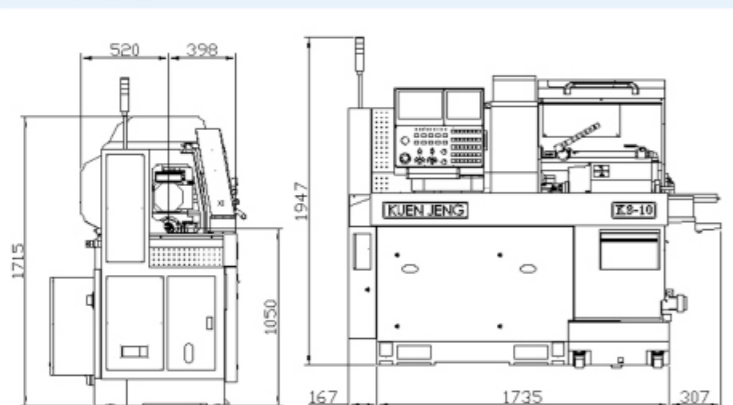
機台規格 MACHINE SPECIFICATION			KS-10
加工能力 CAPACITY	最大加工直徑	Max. turning diameter	ø10 mm
	一次開夾最大加工長度	Max. turning length in one clamp/unclamp	105 mm
外徑刀具 O.D. TOOLS	刀具數	Number of tools	7
	刀具規格	Size of tool	ø8 mm
內徑刀具 L.D. TOOLS	刀具數	Number of tools	5
	筒夾規格	Collet specifications	ER11
	最大鑽孔能力	Max. drilling capacity	ø6 mm
	最大攻牙能力	Max. tapping capacity	M5*P0.8
側銑動力刀具 SIDE MILLING POWERED TOOLS	刀具數	Number of tools	3
	最大轉速	Max. rotating speed	11000 rpm
	伺服馬達規格	Servo motor specification	0.5 kw
	筒夾規格	Collet specifications	ER11
	最大鑽孔能力	Max. drilling capacity	ø4 mm
主軸 MAIN SPINDLE	最大攻牙能力	Max. tapping capacity	M3*P0.5
	最大轉速	Max. rotating speed	12000 rpm
	馬達規格	Motor specification	2.2/3.7 kw
	最小分度	Min. indexing unit	0.001°
快速進給 RAPID TRAVERSE			32m/min
控制器 CONTROLLER			Fanuc 0i-TF/10.4" LCD
主軸中心高 CENTER HEIGHT OF MAIN SPINDLE			1050 mm
重量 WEIGHT			1600 kg
切削油容量 COOLANT CAPACITY			90 L
背面加工規格 BACK SIDE MACHINING			KS-10
背面加工能力 BACK SIDE MACHINING CAPACITY	最大挾持外徑	Max. clamping diameter	ø10
	最大前取長度	Max. length of front pick	62 mm
	最大凸出長度	Max. emerged length	12 mm
背面加工能力 BACK SIDE MACHINING CAPACITY	刀具數	Number of tools	4
	最大鑽孔能力(固定)	Max. drilling capacity (fixed tools)	ø4 mm
	最大鑽孔能力(動力)	Max. drilling capacity (powered tools)	ø4 mm
	最大攻牙能力(固定)	Max. tapping capacity (fixed tools)	M3*P0.5
	最大攻牙能力(動力)	Max. tapping capacity (powered tools)	M3*P0.5
副主軸 SUB-SPINDLE	最大轉速	Max. rotating speed	10000 rpm
	馬達規格	Motor	0.55/1.1 kw
	最小分度	Min. indexing unit	0.001°

※尺寸規格若有變動·恕不另行通知

※Design and specifications are subject to change without prior notice.



## KS-10 佔地面積圖 DIMENSIONS OF MACHINE



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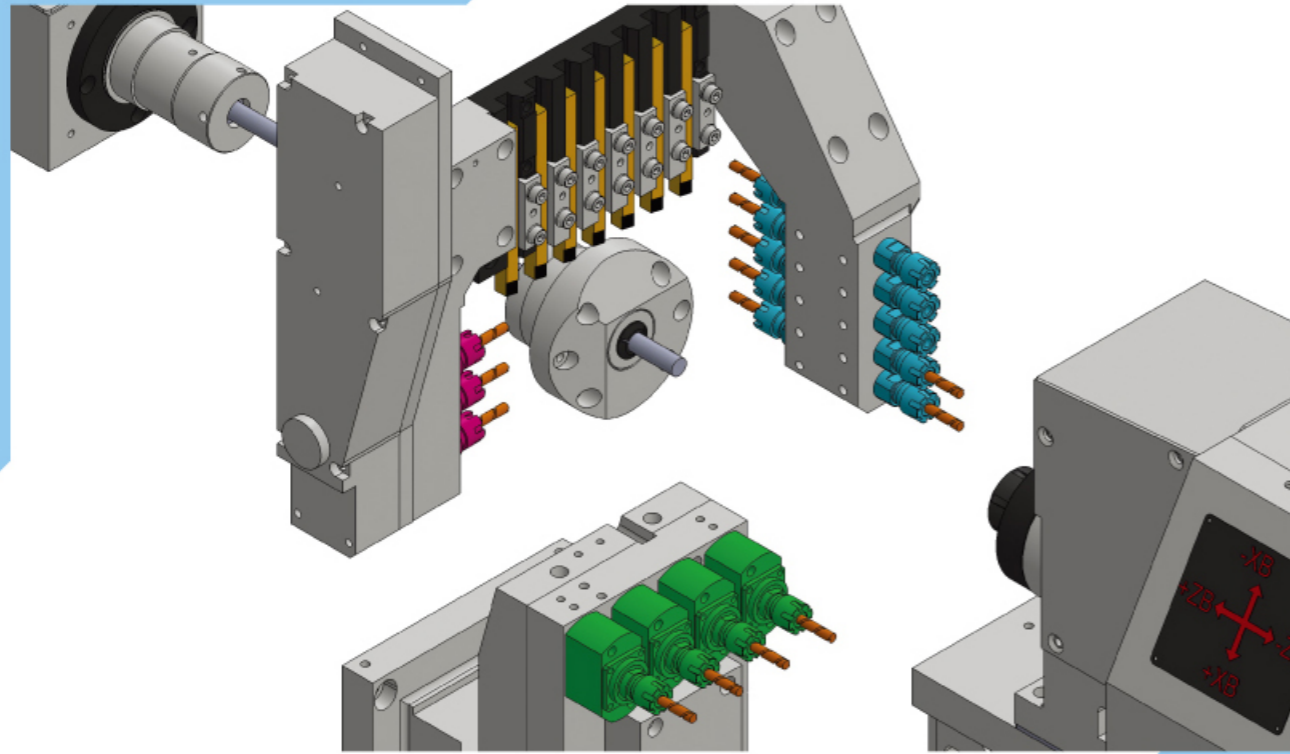
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# 多元化的加工方式

## VARIOUS MACHINING UNIT

### KS-10 正面、背面複合式加工 FRONT AND BACK COMPOUND PROCESS

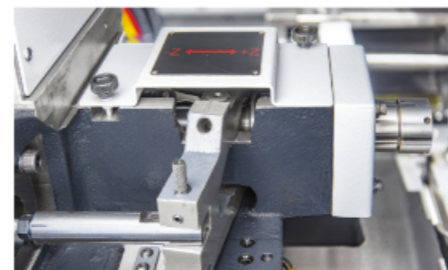


#### 刀具規格 Tool specification

外徑刀具 O.D. tools	7	背面刀具 Rear side machining tools	4
正面鑽孔 Front drilling	5	【嵌入式動力刀座及固定刀座，可鑽孔、攻牙、車削、銑削。（根據需要自由裝配）】 Embedded live tools and fixed tools can perform drilling、tapping、turning and milling. (Optional)	
徑向動力刀具 Radial powered tools	3		

#### 走心式主軸頭 Sliding Head

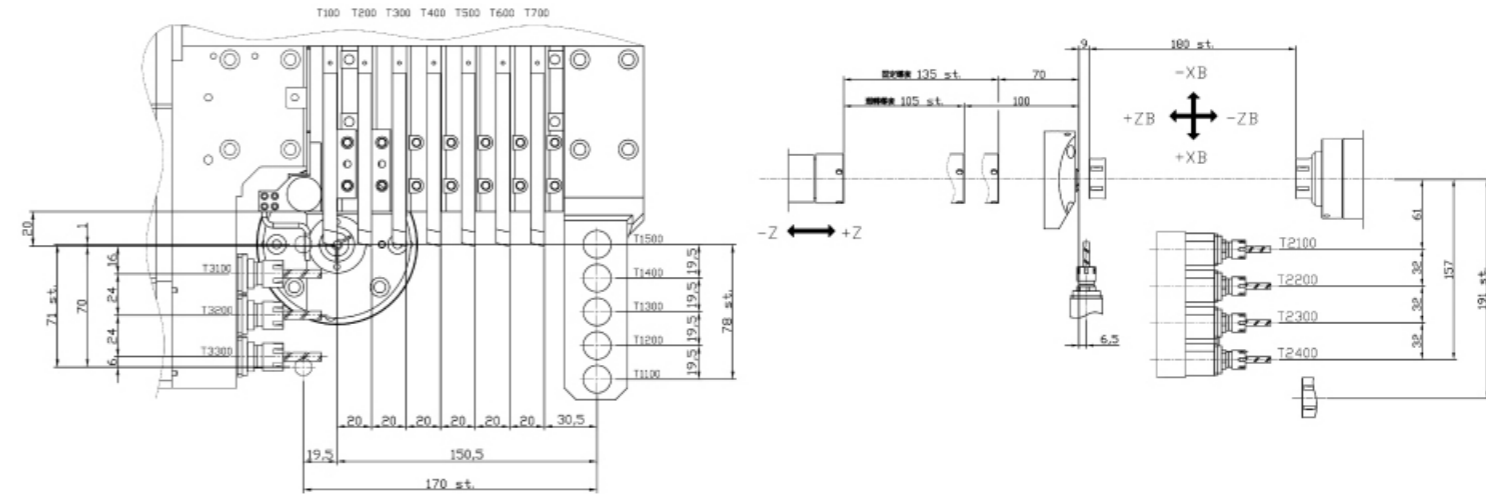
- 主軸頭移動採用伺服馬達驅動，定位精準。
- 高精密主軸，加工精準，可耐長時間連續作業。
- 主軸最高轉速可12000 RPM



- The spindle head movement is driven by a servo motor for highly accurate positioning.
- A high precision spindle permits accurate machining and allows continuous, long time operations.
- Max. Spindle Speed 12000 rpm



#### KS-10 加工行程圖 MACHINING STROKE



#### C軸輪廓加工功能 C-axis Contouring Function



- 主軸與副主軸都具有C軸功能。
  - 可執行輪廓加工。
  - 主軸與副主軸之分割精度為0.001°，提供高精度的輪廓加工。
- Both main and sub-spindle feature C-axis function.
  - Allowing for contour machining.
  - Indexing accuracy for main and sub-spindle is 0.001°, providing highly accurate contour machining.

#### 選購配備 Optional Equipment

- ##### 附加動力刀具
- 副主軸背面加工動力刀具
  - 加壓冷卻系統1.5 MPA

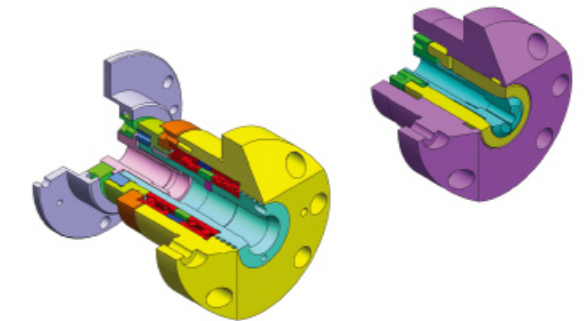
- ##### 自動化週邊設備
- 長料排出裝置
  - 自動送料機
  - 油霧收集器
  - 自動送料機介面

##### 切削液流量檢知

- 利用流量檢知器，可偵測切削液流量是否不足，當切削液流量不足時，機器自動發出警報，並且自動停機。



#### 導套 Guide Bushing



- 走心式之迴轉導套可確保長工件加工時之穩定性與加工精度。
  - 走心式之固定導套可確保微小零件加工時之穩定性與加工精度。
- The rotary guide bushing in the sliding head design may assure stability, machining accuracy and surface finish, especially when machining long work pieces.
  - The fixed bushing in the sliding head design may assure stability, machining accuracy and surface finish, especially when machining small work pieces.

##### Additional powered tools

- Rear side machining powered tools for sub-spindle
- High pressure cooling system 1.5 MPA

##### Additional powered tools

- Long parts exhaust device
- Automatic bar feeder
- Oil mist collector
- Bar feeder interface

##### Coolant flow detector

- The coolant flow detector is applied to detect when the coolant flow volume is insufficient. In case the detector is activated, an alarm will be triggered and machine stops automatically.