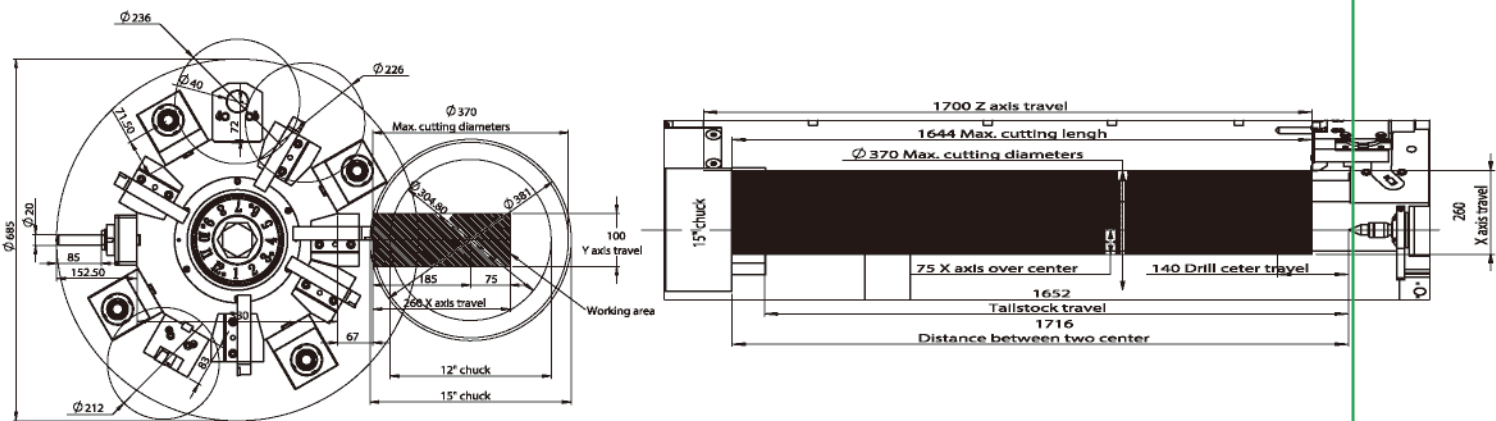


機械規格 Machine Specification

刀具干涉圖 Max. Interference of tools



標準配件 Standard accessories

- | | |
|-------------------------------|--|
| 1 10.4吋彩色顯示器 | 1 10.4" color |
| 2 10吋/12吋三爪套一組軟爪(JW-31) | 2 10" /12" power chuck including 1set soft jaws(JW-31) |
| 3 15吋/18吋三爪套一組軟爪(JW-41) | 3 15" /18" power chuck including 1set soft jaws(JW-41) |
| 4 中央潤滑系統 | 4 Central Lubrication System |
| 5 冷卻系統 | 5 Coolant System |
| 6 油壓單元系統 | 6 Hydraulic Unit System |
| 7 三色警示燈 | 7 Three Color Indicator Tower |
| 8 工具箱 | 8 Tool Box |
| 9 電器手冊 | 9 Electric Manual with Jenn Wei/One Set |
| 10 操作手冊 | 10 Operation Manual with Jenn Wei & Fanuc |
| 11 腳踏開關 | 11 Foot Switch |
| 12 鐵屑輸送機&車 | 12 Chip Conveyor & bullet |
| 13 動力刀塔BMT65或BMT55 | 13 Powered servo turren BMT65 or BMT55 |
| 14 全鋁金機罩 | 14 Full-Closed Cover Garud |
| 15 熱交換器 | 15 Cabinet Heat Exchanger |
| 16 計數完成自動斷電 | 16 Count Complete Auto. Power Off |
| 17 控制線兩保固 | 17 Two-year Warranty for Controller |
| 18 機器一年保固 | 18 1 Year Machine Warmty |
| 19 外徑刀座6組 內徑□25*25 | 19 O.D Turning Tool Holder 25x25 |
| 20 內徑刀座3組 內徑φ40 | 20 I.D. Turning Tool Holder ida. φ40 |
| 21 刀套 8,10,12,16,20,25,32 各兩個 | 21 Tool sleeve 8,10,12,16,20,25,32 per 2pcs |
| 22 可程式油壓尾座M2-5 | 22 Programable tailstock M2-5 |

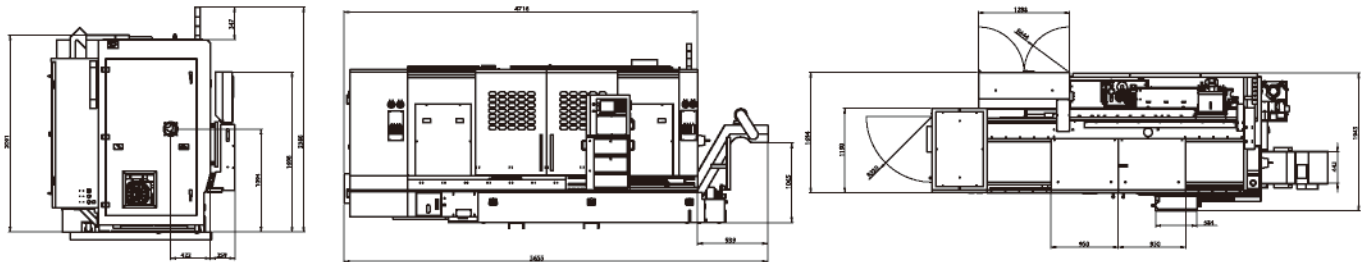
選擇配件 Opiton accessories

- | | |
|-------------------|--|
| 1 送料機介面 | 1 Bar Feeder Interface |
| 2 高壓冷卻 | 2 High Pressure Collant Pump |
| 3 CE安全認證 | 3 CE Standard |
| 4 油水回收機 | 4 Mist collector |
| 5 電氣箱冷氣機 | 5 Air condition for electric box |
| 6 RENISHAW自動刀量測量器 | 6 Renishaw tool presetter(auto or manual) |
| 7 出口木箱包裝 | 7 Export wooden case |
| 8 Y軸裝置±50 | 8 Y axis device ±50 |
| 9 副主軸裝置8英吋三爪 | 9 Sub.spindle device 8" power 3 jaws chuck |
| 10 徑向動力刀座ER32 | 10 Power radial milling tool holder ER32 |
| 11 軸向動力刀座ER32 | 11 Power axial milling tool holder ER32 |
| 12 變壓器40kva | 12 Transformer 40 kva |
| 13 旋轉尾座心軸M2-4 | 13 Rotary tailstock enter M2-4 |
| 14 主軸兩段變速箱 | 14 Spindle Gear box 2 Steps |

	機械規格	Specification	JW-31M	JW-41M
加工能力 Machining Capacity	最大加工直徑	Max. Machining diameter	mm 400 (配合刀塔 Compatible with the turret)	
	最大加工長度	Max. Machining length	mm 750/1250/1750	650/1150/1650
	滑座上旋轉	Swing over cross slide	mm 770	
行程 Travel	X軸行程	Max. X Axis Travel	275+20-鏜刀座中心 Boring holder center	
	X馬達	X Axis Motor	3.0kw	
	Y軸行程	Y Axis Travel*	± 50*	
	Y馬達	Y Axis Motor*	1.8kw*	
	Z軸行程	Z Axis MAX Cross Travel	mm 750/1250/1750	650/1150/1650
	Z馬達	Z Motor	4.0kw	
	移動速率	Rapid traverse X/Y/Z	18/9*/24	
	X/Y*/Z/B* 軌道型式	Slide way type	Box way	
	主軸轉速	Spindle speed	10-3500rpm	10-2500rpm
	主軸通孔直徑	Main spindle through-hole diameter	75mm	91mm
主軸 Main Spindle	主軸鼻端	Spindle nose	A2-8mm	A2-11mm
	主軸夾頭	Spindle chuck	10"/12"	15"/18"
	主軸馬達	Spindle motor	15/18.5 KW	22/26 KW
	最小輸入單位	Main input unit	0.001mm	
	使用刀具尺寸	Cutting tool size	□ 25	□ 32
	內徑刀具	Cutting tool size of inner tools	Ø32	Ø40
	最大攻牙能力	Max. Tapping capability	M20	M24
	軸數控制	No of axis controls	X/Z/*Y	
油壓尾座 Hydraulic tailstock	頂心錐度	Tapper type	Living center A2-4/ Fixed center A2-5	
	行程	Travel	650/11501690	
刀塔 Turret	外部刀具工具數	No of external turning tools	6	
	內部刀具工具數	No of internal turning tools	3	
	刀座數量	Number of tools station	8、10、12	
	換刀時間	The time of changing adjoining tool	0.3 seconds	
	BMT /VDI 尺寸	BMT/VDI size	BMT55/BMT65*	
	動力軸出力	Drive power	2.2/3.7/5.5	
	工具筒夾尺寸	Collect chuck size	BMT55-ER25 / BMT65-ER32*	
	動力軸最高轉速	Max. live tool speed	5000	
	伺服驅動馬達	Servo drive motor	1.2KW	
	空壓壓力	Air pressure	7 Bar	
	潤滑系統	Lubrication motor	250W	
	油壓系統	Hydraulic unit	3hp/35kgs	
機械尺寸 Machine dimension	L X W X H	mm	4716+939*1943*2091	
	淨重	Net weight	7800kgs	8200kgs

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

外部尺寸圖 Dimensional drawing(mm)



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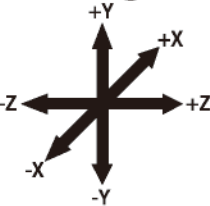


JENN WEI MACHINERY CO., LTD.

高精度重切削型車床
High preformance heavy cutting cnc lathe

JW-41MLX2(1750L)

CNC高效率，高精密車銑複合機
CNC High Efficiency,High Precision Turning and Milling
Complex machine.
C1、C2、X、Y、Z、BMT55/BMT65



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JW Series

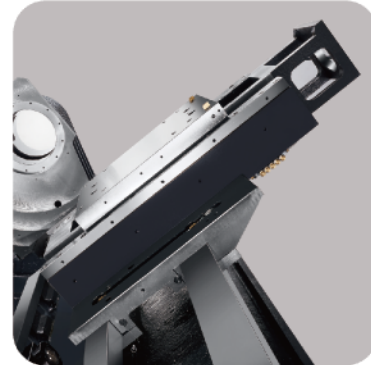
高效率、高精密自動車床

• **HIGH PRECISION CNC AUTO. LATHE**

高剛性機體結構 高速加工極穩定

Ultra-high Stability at High Speed Machining

● Z軸滑板專利 Z-axis skateboard patent



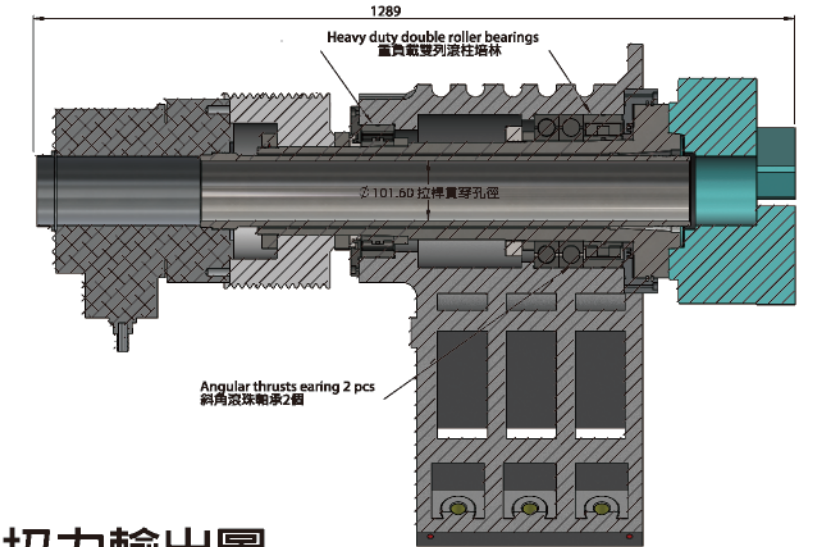
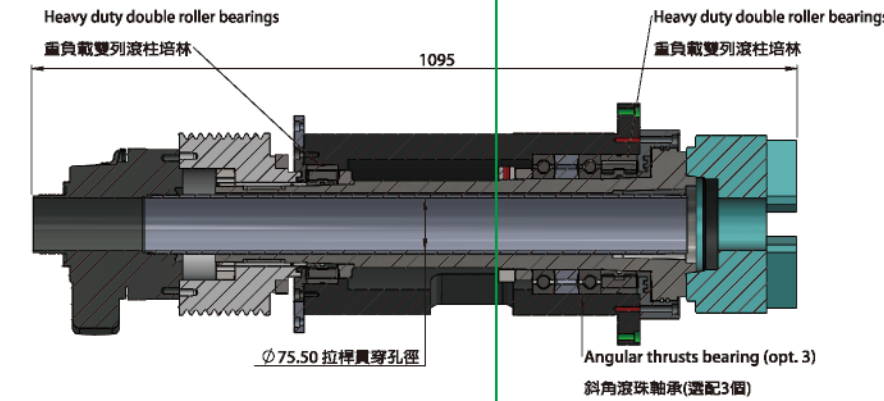
- Z軸軌道及雙可調整斜削，加倍提升Z軸剛性及穩定度增加機械耐用度，減少人為或其他的損耗延長機械壽命。
- The Z-axis trajectory and dual adjustable bevels significantly enhance the rigidity and stability of the Z-axis, improving the mechanical durability, reducing human or other types of wear, and extending the lifespan of the machinery.

● 尾座 Tailstock



- 選擇配件迴轉心軸可程式尾座心軸M2-4，尾座頂出行程110mm，心軸直徑110mm，尾座本體採雙油壓缸固定。
- Tailstock Body use double clamping cylinder to fix in Slideway to keep it's rigidity. Option accessory for Programable Tailstock with MT 4 Center, Quill Diamenter 110mm with travel 110mm.

● 主軸結構圖 Spindle instruction



● 控制器及操作面板 CNC operation panel

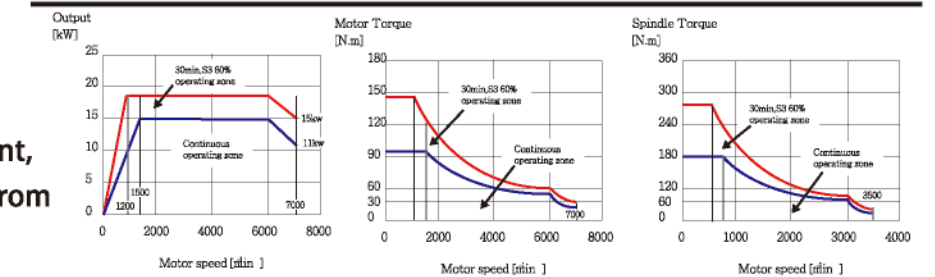


- 人性化操作面板可旋轉90度，下方大置物架可擺放量具、車刀等白鐵操作面板抗油污壽命長並可安裝多品牌控制器。
- Operation panel can rotate 90 degrees, and the large storage shelf below can hold measuring tools, carbide inserts, and more. The stainless steel control panel is oil-resistant, durable, and can accommodate controllers from multiple brands.

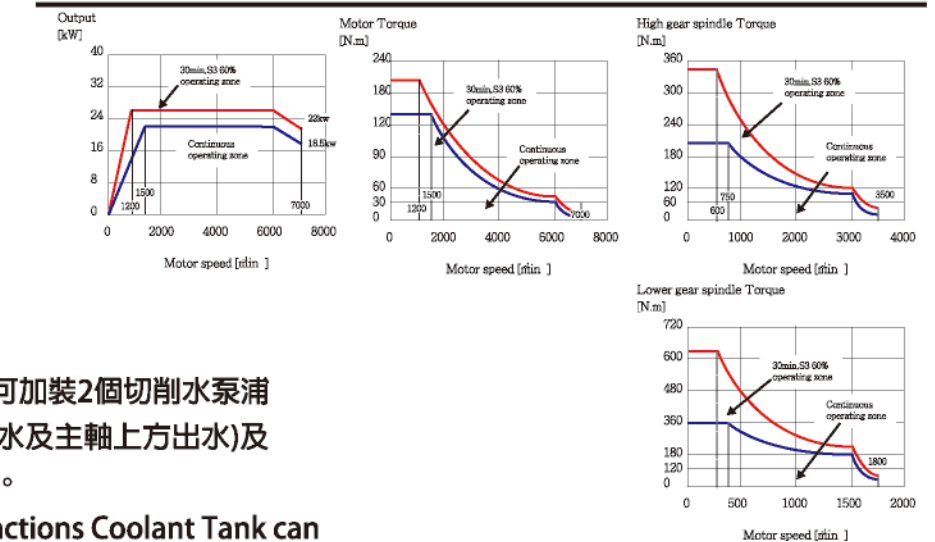
● 主軸扭力輸出圖

Spindle torque output

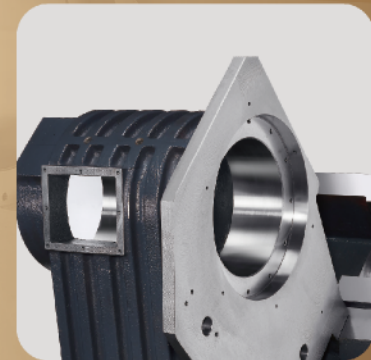
Model arfil 15/7000 For JW-31 spindle motor output 1:2 Rapid V belt



Model arfil 22/6000 For JW-41 spindle motor output 1:2 Rapid V belt and high & 1/2 lower gear box



● 主軸本體 Spindle



- 主軸本體皆經過立式磨床研磨孔內，提高主軸同心度及裝配公差，適合高精度極重切削。
- The spindle body is ground inside the hole using a vertical grinding machine, improving spindle concentricity and assembly tolerance, making it suitable for high-precision, heavy-duty cutting.



- 機械操作控制箱可獨立左右移動，方便操作者使用。
- The machine operation control box can be independently moved left and right, providing convenience for the operator.
- 採用精密雙線軌左右運行並高度符合人體工學。
- Precision dual linear rails are used for left and right movement, ensuring high ergonomics.



- 鐵屑機與水箱分離設計可由前方一人作業拉出，方便清潔、維護、安裝，且不占空間。
- The design separates the chip collector from the water tank, allowing one person to easily pull it out from the front for convenient cleaning, maintenance, and installation, while saving space.

● 多功能水箱

Multi-function coolant tank



- 多功能水箱可加裝2個切削水泵浦(刀塔中心出水及主軸上方出水)及油水分離機。
- Multifunctional Coolant Tank can be mounted 2 set Pump (Tool turret center coolant and coolant above the spindle) and Oil Skimmer.

★ 45度斜背式車床高剛性硬軌結構標準行程750mm，可500mm追加Z軸行程。

★ 45° Slant Bed with rigid construction with travel 750mm, could add travel every 500mm for Z axis.