

機械規格 Machine Specification

JW-16 JW-16M JW16ST JW-16STM JW-21 JW-21M



JENN WEI MACHINERY CO., LTD.



工作範圍	Work area									
床面旋徑	Max. circle diameter	mm	600	600	600	600	600	600	600	600
最大加工直徑	Max. turning diameter	mm	350	300	250	300	350	300	300	300
X軸行程	X axis travel	mm	240	200	240	200	240	200	240	200
Y軸行程	Y axis travel*	mm		± 50	± 50	± 50		± 50	± 50	± 50
Z軸行程	Z axis travel	mm	400	400	350	350	400	400	350	350
主軸	Main spindle									
主軸鼻端	Spindle nose (flat flange)	mm	A2-5	A2-5	A2-5	A2-5	A2-6	A2-6	A2-6	A2-6
主軸通孔直徑	Hole thru spindle	mm	42	42	42	42	52	52	52	52
夾頭尺寸	Chuck*	inch	6"	6"	6"	6"	8"	8"	8"	8"
主軸出力	Spindle motor power(40/100% DC)	kW	7.5/11	7.5/11	7.5/11	7.5/11	11/15	11/15	11/15	11/15
主軸最高轉速	Max. spindle speed	rpm	4000	4000	4000	4000	3500	3500	3500	3500
副主軸	Sub spindle*									
副主軸鼻端	Sub spindle nose (flat flange)	mm			A2-5	A2-5			A2-5	A2-5
副主軸通孔直徑	Hole thru sub spindle	mm			42	41			42	42
副夾頭尺寸	Chuck*	inch			6"	6"			6"	6"
副主軸出力	Sub spindle Drive power(40/100% DC)	kW			3.7/5.5	3.7/5.5			3.7/5.5	3.7/5.5
副主軸最高轉速	Max. sub spindle speed	rpm			4500	4500			4500	4500
伺服進給	Servo feed AC									
X/Y/Z 最大進給速度	Rapid traverse X/Y/Z	m/min	18/9*/24	18/9*/24	18/9*/24	18/9*/24	18/9*/24	18/9*/24	18/9*/24	18/9*/24
X/Y/Z 軸向伺服出力	Drive power(40/100% DC)	kW	1.8/1.8*/1.8	1.8/1.8*/1.8	1.8/1.8*/1.8	1.8/1.8*/1.8	1.8/1.8*/1.8	1.8/1.8*/1.8	1.8/1.8*/1.8	1.8/1.8*/1.8
刀塔	Turret									
刀塔工具數	Number of tool stations		12	12	12	12	12	12	12	12
VDI尺寸	VDI No.(according to KN 69880)	mm		30			30		30	30
刀塔動力軸出力	Drive power(40/100% DC)	kW	2.2/3.7							
刀塔工具筒夾尺寸	Collect chuck size		ER25							
刀塔動力軸最高轉速	Max. live tool speed	rpm		5000		5000		5000		5000

高精度CNC車床

High performance cnc lathe

JW-21series

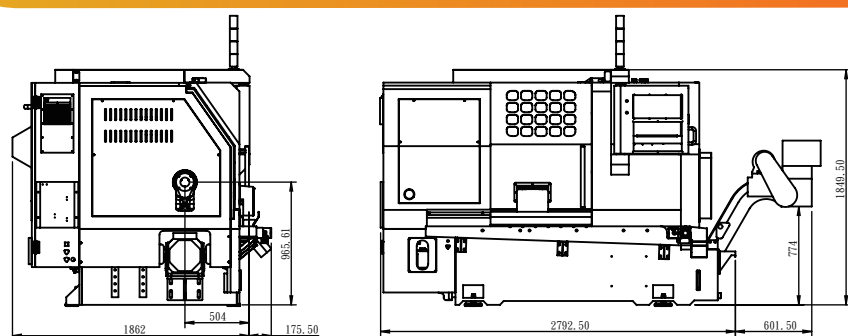
CNC高效率、高精密自動車床

CNC High efficiency ,high precision Turning center



因本公司不斷研發改良，上述規格若有變更，恕不另行通知。
Specifications are subject to change without prior notice.

機械尺寸圖 Machine Dimension



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JW Series

高效率、高精度自動車床
• 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

油壓三爪夾頭 Hydraulic Three-Jaw Chuck

- JW-21標準配備Φ8"油壓三爪夾頭，並採用腳踏開關控制，使工件夾持更方便，更快速。
The JW-21 is mounted with a Φ8" hydraulic three-jaw chuck as standard equipment. The chuck operation is controlled by a foot switch for convenient and fast clamping of workpiece.

油壓尾座 Hydraulic Tailstock

- 尾軸管移動採用油壓驅動，定位方便。
The tailstock quill movement is driven by hydraulic power for increased convenience of positioning.



- 本機機體結構採用符合人體工學設計，操作方便，機身穩固，機電一體，維修簡易。
The ergonomic constion features easy operation, high mechanical stability, and conrenient maintenance.



- 穩重的底座為箱型結構設計，高速加工穩定性優良。
- X, Z軸配置稍密線型滑軌，快速位移移動做順暢。
- 主軸頭及副主軸頭結構高剛性，高速加工時，更顯其獨特穩定性。
- 整機結構紮實，占地空間小。
- 所有滑軌均採用自動潤滑。

The massive base is a box type structre that provides maximum stability at high speed machining.
X, Z-axis are mounted with precision linear ways to move quickiy and smoothly.
The main and sub-spindle heads are rigidly constructed for outstanding stability when performing high speed machining.
The entire machine is a compact structure with small space.
All linear ways are automatically lubricated.

Y軸(選配) Y-axis(optional)

- Y軸行程100mm(上、下各50mm)，提供偏心工件之銑削、鑽孔、攻牙作業。
The total y-axis travel is 100mm (50±mm from the center line), which provides off-center milling, drilling and tapping.



12位動力刀塔 12-Posyion Power Turret

- 動力刀塔可使用軸向及徑向動力旋轉刀座，提供鐵削，鑽孔，攻牙功能。
- 刀塔採用伺服馬達驅動，快速換刀只需0.15秒即可完成。

The power turret accommodates axial and radial live tools to perform milling, drilling, and tapping operations. Driven by a servo motor, the power turret tackes. 0.15 seconds to cchange tool fast.

副主軸+動力刀塔 Sub-Spindle and Power Turret

- 副主軸塔配動力刀塔，適合工件之背面加工。使本機可將工件前後加工一次完成。
- 12位動力刀塔配合副主軸之C軸功能，可直行車削，鐵削，攻牙做業。

The sub-spindle in combination with the power turret is suitable for back machining. This enables the machine to perform front and back machining of a part in one setup.

The 12-position power turret the C-function of the sub-spindle allows the machine to perform turning, milling, drilling, and tapping operations.



標準配備 STANDARD ACCESSORIES

- 彩色警示燈
- 三色警示燈
- 油壓單元
- 腳踏開關
- 8"三爪夾頭(JW -21)
- 全密閉式鈹金
- 切削水系統
- 中央潤滑系統
- 伺服刀塔 12T (JW -21)
- 動力伺服刀塔 12T (JW -21 STM)
- 接料器及成品送料器
- 送料機介面
- 工作燈
- 工作箱
- 操作手冊
- 電器手冊
- 第二主軸筒夾或6"三爪夾頭(JW -21 STM)
- 主軸煞車系統
- 刀套 8,10,12,16,20各2個
- 機械墊片 4個
- 計數完成自動斷電
- CS軸(JW -21 STM or JW -21 M)

- 可程式油壓尾座(JW -21)
- 動力徑向刀座 ER25 for JW -21M
- 動力軸向刀座 ER25 for JW -21M
- 銑刀中心出油功能馬達及過濾單元
- 履帶式排屑機附鐵削車
- 變壓器
- CE認證
- 送料機
- 穩壓器
- 油霧回收機
- Y軸± 50

- Color monitor
- Pilot lamp
- Hydraulic sysem
- Footsw itch
- Collectchuck or 8" 3-Jaw chuck(JW -21)
- Fullchip enclosure
- Cutting coolant system
- Central lubricate system
- Servo turret 12T (JW -21)
- Live tool servo turret 12T (JW -21 STM)
- Partscatcher & finished parts conveyor
- Bar feeder interface
- Work lamp
- Toolbox
- Operatorm anual
- Electricalm anual
- Collectchuck for sub-spindle or 6" 3-Jaw chuck (JW -21 STM)
- Spindle brake system
- Toolskeve 8,10,12,16,20 mm , 2 pcs each
- Leveling blocks 4 pcs
- Auto power off after counter ends
- CS Axis (JW -21 STM or JW -21M)

- Programm able hydraulic tailstock (JW -21)
- Radial milling tool with ER25 (JW -21M)
- Axial milling tool with ER25 (JW -21M)
- Motor & filtration unit for coolant through milling tool holder
- chain type chip conveyor with chip cart
- Transformer
- CE Conform ity
- Bar feeder
- Power stabilizer
- Oil mist collector
- Y axis ± 50

機器結構圖 Finished Structure

