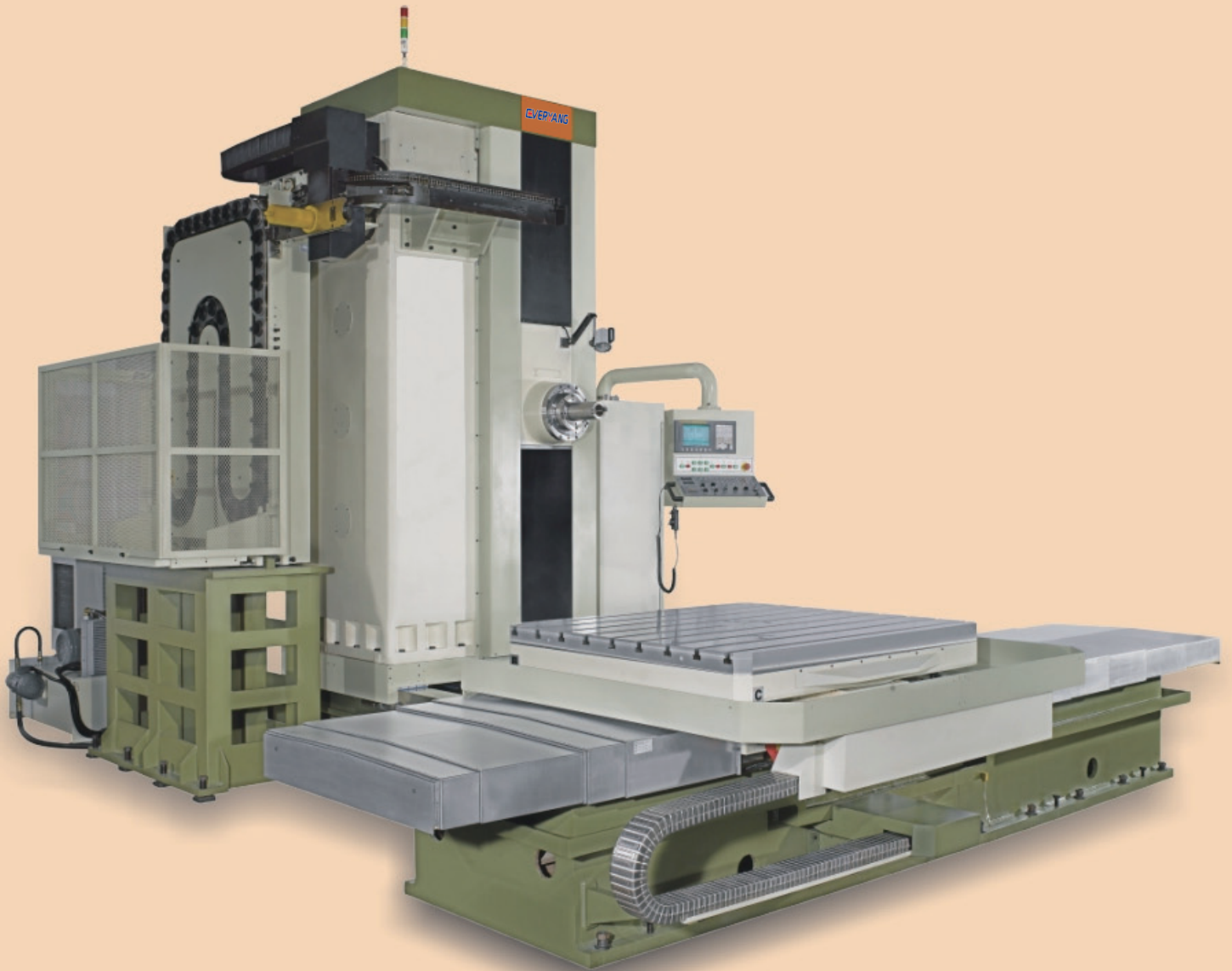


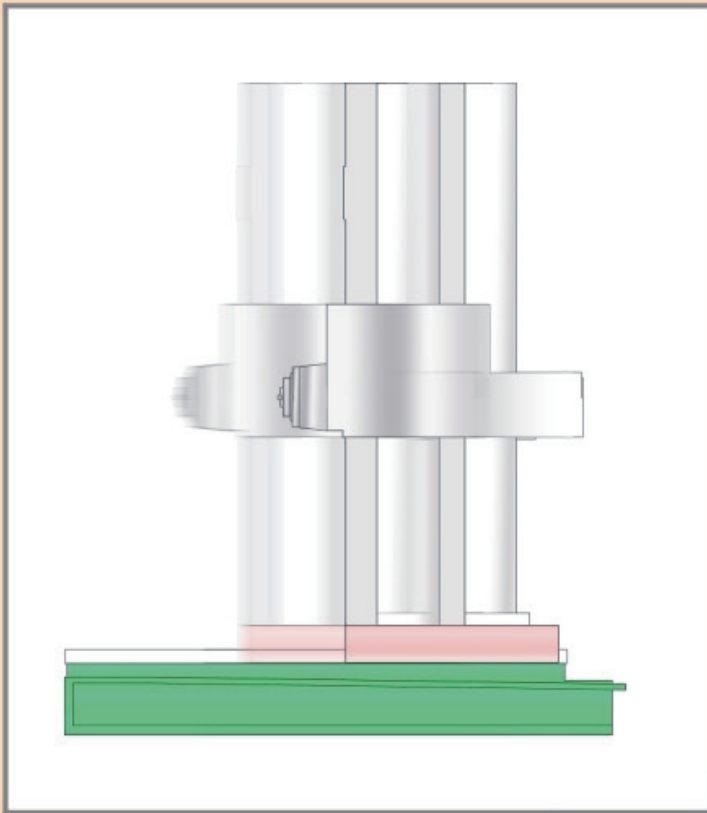
EVERYANG

CNC臥式搪銑加工中心

CNC Horizontal Boring & Milling Center



長揚機械股份有限公司
EVERRISING MACHINERY & AUTOMATION CORP.



動柱的設計

立柱前後移動，工作台全無懸空現象，有最佳之載重及精密度。

工作台可程式控制，在 90 度 180 度 270 度定位時，依機械裝置定位，提供更精準之穩定的夾持動作。

任意角度定位，解析度可小至3.5sec

連續轉動時，最大轉速1rpm。

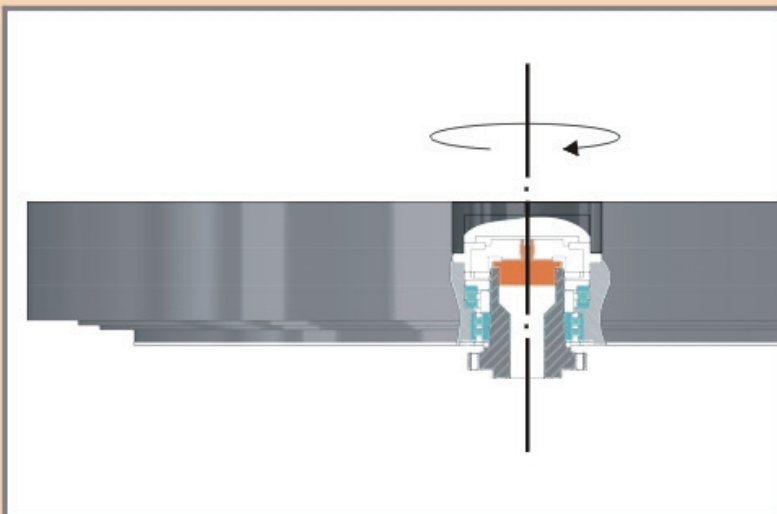
Moving column design

In traveling column, table no vacant phenomenon, have the best of loading and precision.

The table has Programmable logic control, at 0-90-180-270 degrees position, according to a mechanical device to precise position and stable of clamping table.

Table at any angle, it position resolution as small as 3.5 arcsec.

When the continuous rotation, the maximum speed 1rpm.



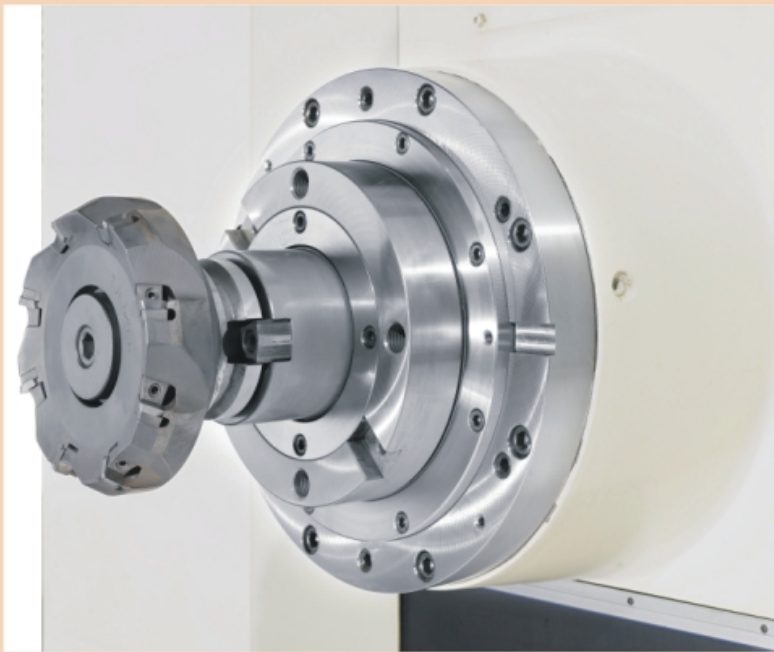
超大及精密主軸軸承(P4)，具有最佳精度及剛性。強力的主軸馬達(35HP)，使本機具有卓越的切割能力。厚達29mm之主軸套筒，使W軸具有500mm行程時能具有剛性及強大切削力，並避免主軸頭與工件之可能干涉。主軸馬力轉速圖表。輸出功率。主軸轉速。主軸扭力轉速圖表。扭力。主軸轉速。

Large and precision spindle bearing(P4), with the best accuracy and rigidity. Powerful spindle motor (35HP), so that the machine has excellent cutting ability.

Quill of 29mm thick, so when you have the W-axis 500mm travel can have a rigid and strong cutting force, and to avoid the possibility of mutual interference between the spindle and the workpiece.

Spindle speed chart(kw). Power. Spindle speed.

Spindle speed chart(Torque). Torque. Spindle speed.



超大及精密主軸軸承(P4)，具有最佳精度及剛性。強力的主軸馬達(35HP)，使本機具有卓越的切割能力。

厚達29mm之主軸套筒，使W軸具有500mm行程時能具有剛性及強大切削力，並避免主軸頭與工件之可能干涉。

主軸馬力轉速圖表。輸出功率。主軸轉速。

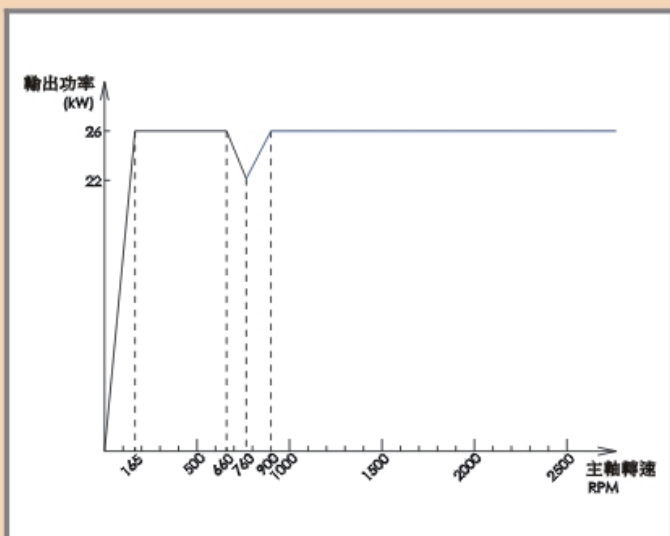
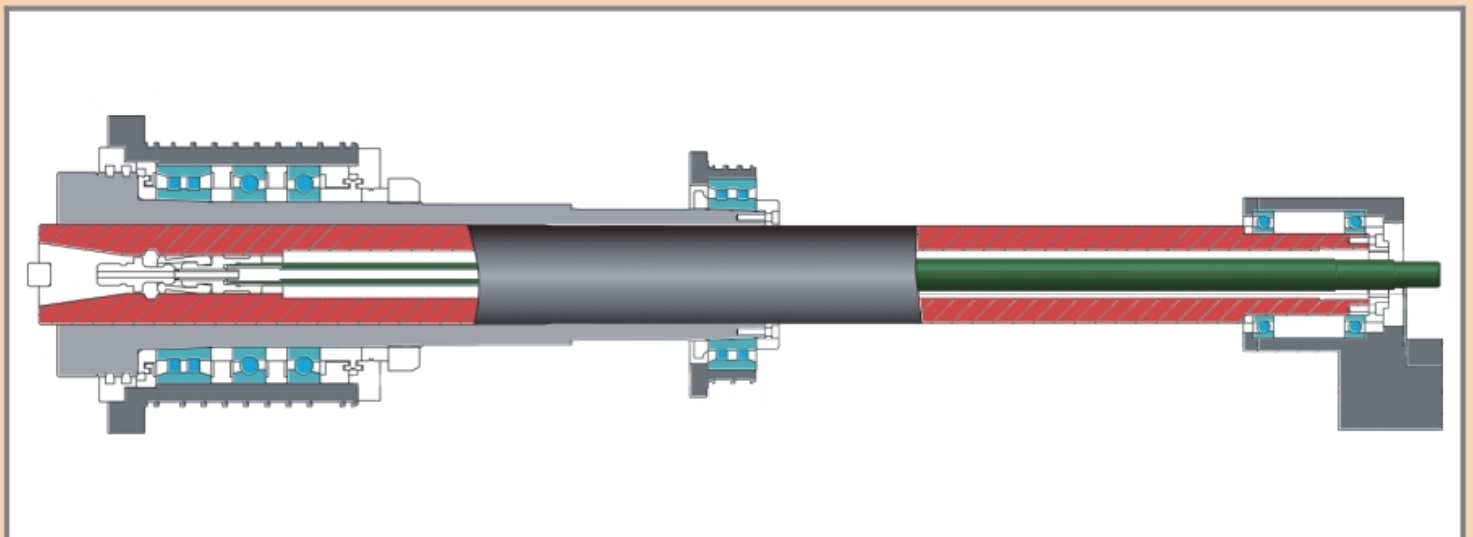
主軸扭力轉速圖表。扭力。主軸轉速。

Large and precision spindle bearing(P4), with the best accuracy and rigidity. Powerful spindle motor (35HP), so that the machine has excellent cutting ability.

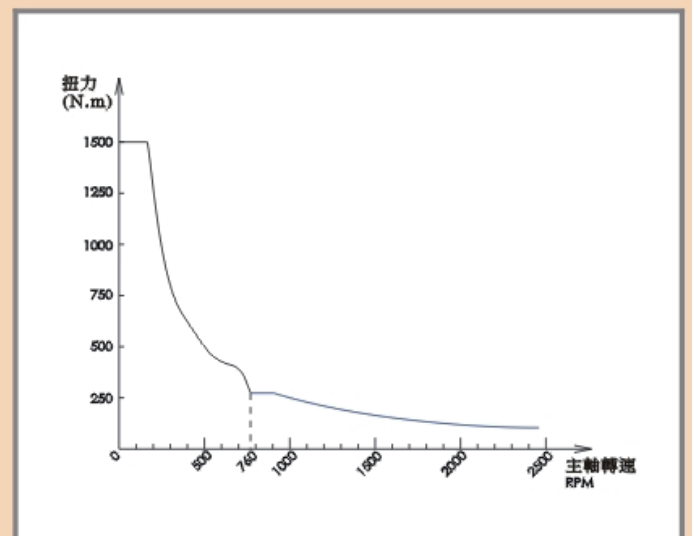
Quill of 29mm thick, so when you have the W-axis 500mm travel can have a rigid and strong cutting force, and to avoid the possibility of mutual interference between the spindle and the workpiece.

Spindle speed chart(kw). Power. Spindle speed.

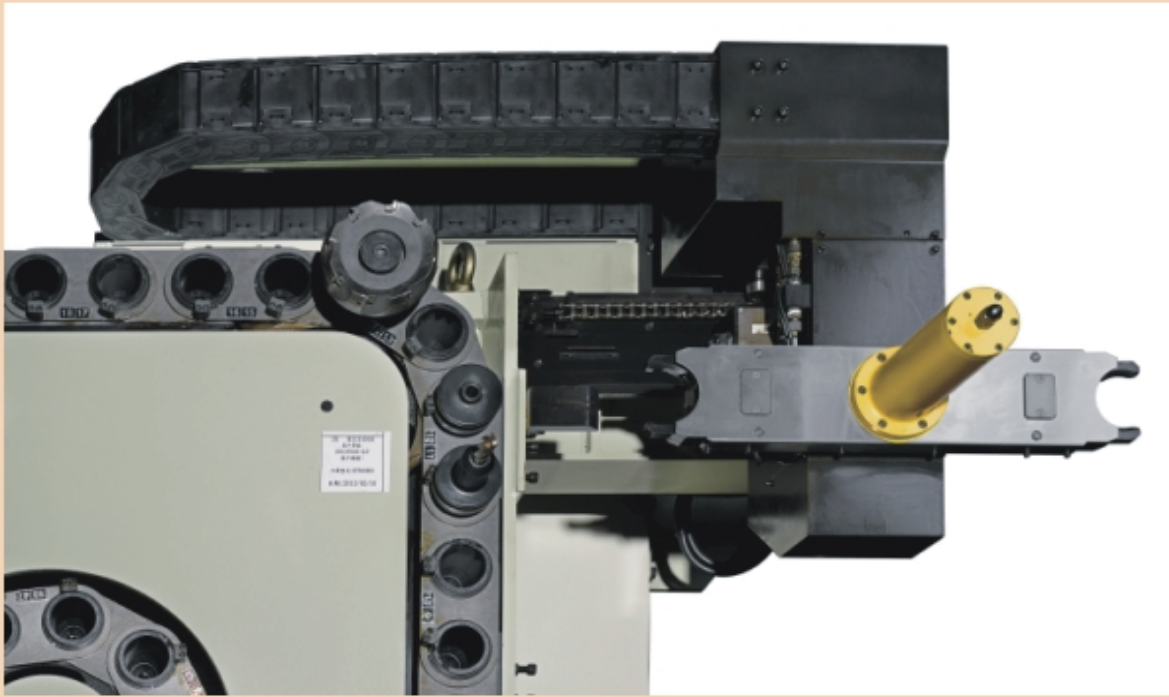
Spindle speed chart(Torque). Torque. Spindle speed.



【主軸馬力轉速圖表】
Chart of Spindle speed

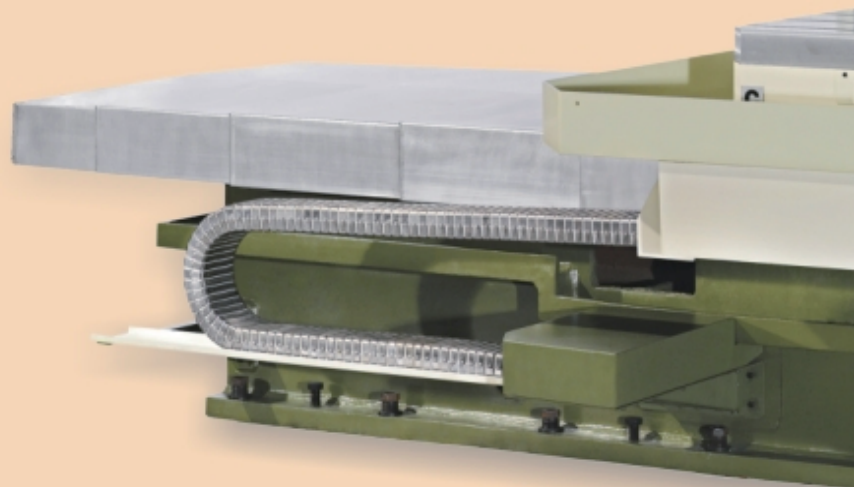


【主軸扭力轉速圖表】
Chart of Spindle Torque



60把刀具的儲刀倉，足以應對各種複雜的工件加工要求。
ATC本身獨立在機體外，不因其自重及刀具運動影響機械之精度。
依序換刀的方式，在使用超大刀具時，不會有碰撞的危險。

The 60 tools magazine ATC, enough to cope with the requirements of a variety of complex workpieces.
ATC itself independent outside machine body, not because of its weight and tool moving affect the machinery accuracy .
ATC sequential way, in the use of oversized tools, there is no risk of collision.





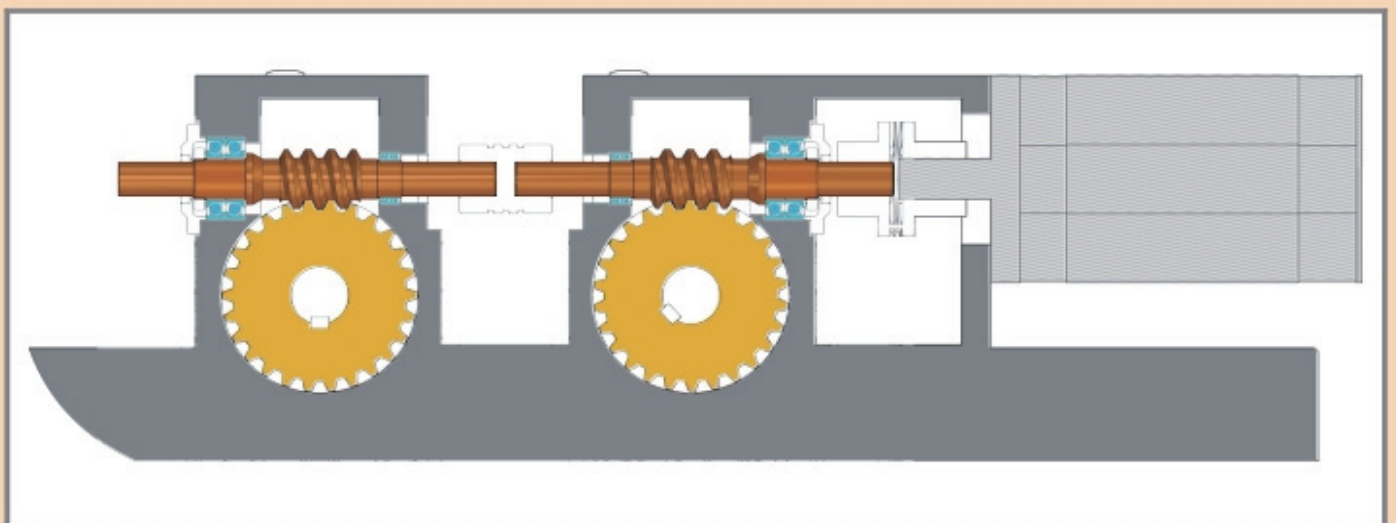


伺服驅動馬達透過1:900蝸輪減速比，使旋轉工作台具有極為穩定的轉動速度，更有極大的扭力(旋轉力)以應付各種加工的需求。

雙蝸桿的機構設計，是工作台之旋轉動作沒有背隙的疑慮，而且經久耐用。

Servo motor through worm gear reduction ratio(1:900), so that the rotary table has a very stable rotational speed, and more great torque (rotational force) to meet the needs of a variety of processing.

Double worm mechanism design is rotary motion of no backlash table concerns, and durable.



		EHBM-110C3	EHBM-130-C4
加工能力 Machining Specification			
工作台左右行程(X軸) Table Cross Stroke (X Axis)	mm	3000	4000
立柱上下行程 (Y軸) Spindle Head Stroke (Y Axis)	mm	2100	3000
工作台前後行程(Z軸) Column Stroke (Z Axis)	mm	1500	1800
主軸與頭部 Spindle			
主軸伸縮行程 (W軸) Spindle Stroke (W Axis)	mm	500	800
主軸輸出馬力 (連續/30分) Spindle Power (Cont./30mins)	kw	22/26	30/37
主軸最大扭矩 Spindle Max. Torque	N.m	1500	2470
主軸直徑 Spindle Diameter	mm	φ 110	φ 130
主軸轉速 Spindle Speed	r.p.m	2500	2000
主軸孔錐度 Spindle Tool Shank	BT	NO.50+MAS2	NO.50+MAS2
主軸潤滑方式 Spindle Lubrication	—	油脂潤滑 Grease Lubrication	油脂潤滑 Grease Lubrication
主軸冷卻系統 Spindle Cooling System	—	油冷卻機 Oil Cooling Unit	油冷卻機 Oil Cooling Unit
主軸拉刀力 Spindle Tool Pull Force	kg	1800	1945
工作台 Worktable			
工作台尺寸 Worktable Size	mm	1440*1600*178	1800*2200*220
工作台T型槽 Worktable T Slot	mm	24	24
工作台標準荷重 Worktable Max Load	kg	8000	25000
工作台定位心軸夾持力 Worktable Positioning Shaft Clamping Force	kg	13500	20000
工作台定位方式 Worktable Positioning	—	伺服 Server	伺服 Server
進給系統 Drive System			
X/Y/Z 軸快速進給 X/Y/Z Axes Rapid Speed	m/min	10	10
W軸快速進給 W Axis Rapid Speed	m/min	4	4
工作台最高轉速 Worktable Max Speed	r.p.m	1	2
切削液 Cooling System			
切削液水箱容量 Coolant Tank Capacity	L	500	500
切削液泵浦馬達功率 Coolant Pump Motor Power	kw	1.35	1.35
油壓 Hydraulic System			
油壓系統功率 Hydraulic System Power	HP	10	10
刀庫系統 Automatic Tool Changing System			
ATC刀具最大直徑(相鄰/不相鄰) ATC Max Tool Diameter	mm	φ 120/250	φ 120/250
ATC刀具最大重量 ATC Max Tool Weight	kg	25	25
ATC刀具換刀時間 ATC Tool Changing Time	sec	16	16
ATC刀具夾持力 ATC Tool Clamping Force	kg	60±5	60±5
安裝需求 Miscellaneous			
電力總容量 Power Consumption	KVA	55	70
空壓機最低壓力 Minimum Pneumatic Pressure	kg/cm ²	6	6
機器外觀尺寸 Machine Dimension	mm	6800*7500*4100	7800*8500*5100
機器淨重量 Machine Net Weight	kg	26000	42500
機器毛重 Machine Gross Weight	kg	27500	52000

標準附件

1. XYZ軸電子尺
2. 三色工作燈
3. 主軸冷卻循環系統
4. 自動刀具交換(ATC60刀)
5. 螺旋式切削輸送機
6. 主軸延伸襯套250mm
7. 安裝用基礎螺栓調整塊
8. 操作手冊、零件手冊(機器)
9. 發那科控制系統操作手冊
10. 電器回路圖
11. 手提工具箱

Standard Accessories

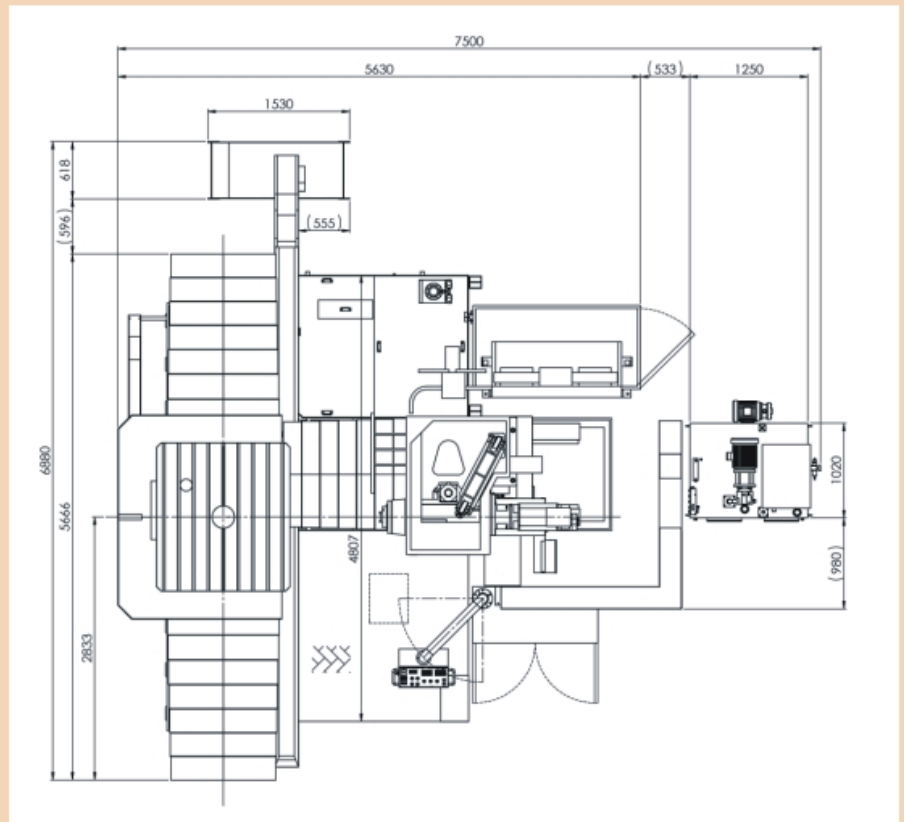
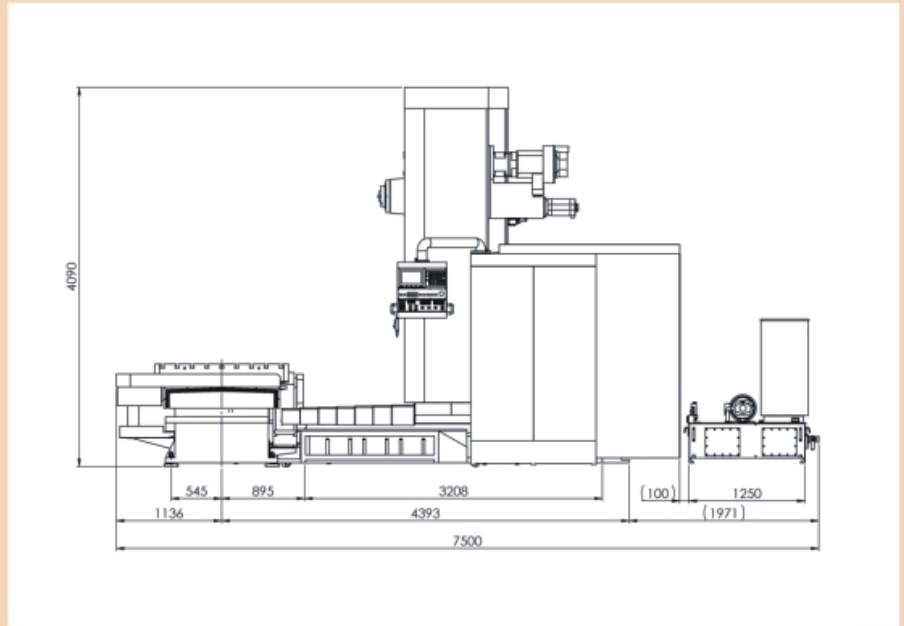
1. X,Y and Z-axes linear scale feed back.
2. NC pilot lamp.
3. Spindle oil chiller.
4. Automatic tool changer(60 tools of ATC).
5. Chip augers & conveyor.
6. Spindle extension sleeve(250mm).
7. Foundation bolts , leveling screws & pads.
8. Operator manual ,parts manual(machine).
9. FANUC system operator manual.
10. Electrical circuit diagram.
11. Toolbox.

選購附件

1. 直角銑頭
2. 直角工作台
3. 主軸延伸襯套400mm

Option accessories

1. Right angel milling attachment
2. Angle plate.
3. Spindle extension sleeve(400mm)



註：本公司隨時進行創新研發與改進之工作，故保有更改設計、規格功能之權利。

機械配置圖 Machine Layout

EST.1983
Everising Group
Dare to be the best, drive your life well.

EG MACHINE
WHEELS
DESIGN

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經銷商：