

MODEL 型號	UNITS 單位	YH 1000-A	YH 1200-A	YH 1461-A	YH 1400-A	YH 1600-A	YH 1800-A
<b>TABLE 工作台</b>							
Working Surface 工作台尺寸	mm (inch)	1100 x 620 (43.3 x 24.41)	1300 x 620 (51.81 x 24.41)	1400 x 620 (55.11 x 24.41)	1600 x 840 (62.99 x 33.07)	1800 x 840 (70.87 x 33.07)	2000 x 840 (78.74 x 33.07)
T-Slots (Number x Size x distance) T型槽尺寸(槽數 x 寬數 x 間距)	mm (inch)	5 x 18 x 125 (5 x 0.70 x 5)	5 x 18 x 125 (5 x 0.70 x 5)	5 x 18 x 125 (5 x 0.7 x 5)	5 x 22 x 150 (5 x 0.86 x 5.9)	5 x 22 x 150 (5 x 0.86 x 5.90)	5 x 22 x 150 (5 x 0.86 x 5.90)
Max. Table Load 最大負載	kg (lbs)	900 (1980)	1000 (2200)	1000 (2200)	2000 (4400)	2200 (4840)	2500 (5500)
<b>TRAVEL 行程</b>							
Longitudinal Travel (X) X軸行程	mm (inch)	1020 (40)	1200 (47.2)	1400 (55.1)	1400 (55)	1600 (63)	1800 (70.8)
Cross Travel (Y) Y軸行程	mm (inch)	610 (24.01)	610 (24.01)	610 (24.01)	810 (31.89)	810 (31.89)	810 (31.89)
Headstock Travel (Z) Z軸行程	mm (inch)	610 (24.01)	610 (24.01)	610 (24.01)	810 (31.89)	810 (31.89)	810 (31.89)
Distance Between Spindle End and Table Top 主軸鼻端至工作台面距離	mm (inch)	150-760 (5.9-29.9)	150-760 (5.9-29.9)	150-760 (5.9-29.9)	200-1010 (7.9-39.8)	200-1010 (7.9-39.7)	200-1010 (7.9-39.7)
Distance Between Spindle Center and Column Surface 主軸中心至立柱端面距離	mm (inch)	690 (27.17)	690 (27.17)	690 (27.17)	870 (34.2)	870 (34.2)	870 (34.2)

<b>SPINDLE 主軸</b>							
Spindle Nose 主軸端孔斜度	type	BT 50 / DIN 50 / CAT 50	BT 40 / CAT 40 / DIN 40	BT 40 / CAT 40 / DIN 40	BT 50 / CAT50 / DIN50	BT 50 / CAT50 / DIN50	BT 50 / CAT50 / DIN50
Spindle Speeds 主軸轉速	r.p.m	6000	10000	10000	6000	6000	6000
Mechanism of Transmission 傳動	type	Belt 皮帶式	Belt 皮帶式	Belt 皮帶式	Gear Box 齒輪式	Gear Box 齒輪式	Gear Box 齒輪式

<b>FEED 給進</b>							
Cutting Feed 切削給進	mm / min (inch / min)	10000 (393.7)	10000 (393.7)	10000 (393.7)	10000 (393.7)	10000 (393.7)	10000(393.7)
Rapid Traverse (X / Y / Z) 快移速度	M / min (inch / min)	20 / 20 / 16 (787 / 787 / 630)	20 / 20 / 16 (787 / 787 / 630)	20 / 20 / 16 (787 / 787 / 630)	15 / 15 / 12 (590 / 590 / 472)	15 / 15 / 12 (590 / 590 / 472)	15/15/12 (590/590/472)

<b>AUTO TOOL CHANGER (ATC) 自動換刀裝置</b>							
Tool Holder 刀把型式	type	BT50	BT40	BT40	BT50	BT50	BT 50
Tool Storage Capacity 刀具儲存容量	set	Arm 24 / 24刀(刀臂式)	Arm 24 / 24刀(刀臂式)	Arm 24 / 24刀(刀臂式)	Arm 24 / 24刀(刀臂式)	Arm 24 / 24刀(刀臂式)	Arm24 / 24刀(刀臂式)
Max. Tool Diameter 最大刀徑	mm (inch)	125	80 (3.1)	80 (3.1)	125 (5)	125 (5)	125 (5)
Max. Tool Length 最大刀長	mm (inch)	300 (11.8)	300 (11.8)	300 (11.8)	300 (11.8)	300 (11.8)	300 (11.8)
Max. Tool Weight 最大刀重	kg (lbs)	15 (33)	7 (15.4)	7 (15.4)	15 (33)	15 (33)	15 (33)
Tool to Tool 刀對刀換刀(60Hz)	sec	4	2.5	2.5	4	4	4

<b>MOTORS 馬達</b>							
Spindle Motor Output (Cont. / 30 min.) 主軸驅動馬達 (連續運轉 / 30分額定)	kw	FANUC (11 / 15) (20HP)	FANUC (7.5 / 11) (15HP)	FANUC (7.5 / 11) (15HP)	FANUC (15 / 18.5) (25HP)	FANUC (15 / 18.5) (25HP)	FANUC (15 / 18.5) (25HP)
		0iMF (8.4")	0iMF (8.4")	0iMF (8.4")	0iMF (8.4")	0iMF (8.4")	0iMF (8.4")
Drive Motors X, Y, Z axis 伺服驅動馬達 X, Y, Z 軸	(kw / hp)	(2.5/3.4) (2.5/3.4) (2.5/3.4)	(2.5/3.4) (2.5/3.4) (2.5/3.4)	(2.5/3.4) (2.5/3.4) (2.5/3.4)	(3/4) (3/4)(3/4)	(3/4) (3/4)(3/4)	(3/4) (3/4)(3/4)
		option	option	option	option	option	option
		31iMB (10.4") (3/4) (3/4) (3/4)	31iMB (10.4") (3/4) (3/4) (3/4)	31iMB (10.4") (3/4) (3/4) (3/4)	31iMB (10.4") (2/3) (2/3) (3/4)	31iMB (10.4") (4/5.4) (4/5.4) (4/5.4)	31iMB (10.4") (4/5.4) (4/5.4) (4/5.4)

<b>MACHINE SPACE &amp; WEIGHT 機器佔地面積與重量</b>							
Floor Space 佔地面積	mm (inch)	3000 x 2250 x 2675 (118.1 x 88.6 x 105.3)	3450 x 2250 x 2675 (135.8 x 88.6 x 105.3)	3700 x 2250 x 2675 (145.6 x 88.6 x 105.3)	4450 x 2875 x 3360 (175.2 x 113.2 x 132.3)	4450 x 2875 x 3360 (175.2 x 113.2 x 132.3)	4750 x 2875 x 3360 (187 x 113.2 x 132.3)
Net Weight 機器淨重	kg (lbs)	8400 (18480)	8200 (18040)	9000 (19820)	15500 (34135)	16500 (36335)	18500 (40700)
Air Source 氣壓需求	kg/cm <sup>2</sup>	6	6	6	8	8	8
Electrical Power Supply 電力需求	KVA	25	25	25	30	30	30

● The above specifications are subject to change without prior notice. 以上規格僅供參考，本公司保留修改規格的權力，恕不另行通知

#### STANDARD ACCESSORIES 標準配備

- Fully enclosed splash guard / 全罩式鈹金
- High semi-enclosed splash guard / 半密閉式防護鈹金 (YH 1400-A / 1600-A / 1800-A)
- Central automatic lubrication system / 中央自動潤滑系統
- Tools and tool box / 工具及工具箱
- Work lamp / 工作燈
- Work lamp / 工作燈 (lengthening stick type / 螢光燈管式) (YH 1400-A / 1600-A / 1800-A)
- Gearbox set / 齒輪箱 (YH 1400-A / 1600-A / 1800-A)
- Tri-colored lamp guard / 三色警示燈 (end-of-work lamp guard)
- Spindle air curtain / 主軸氣幕
- Spindle oil cooler (spindle oil temperature cooler)  
主軸油冷裝置 (主軸油溫冷卻機)
- Cleaning spray gun / 清洗噴槍

- Air gun / 空氣槍
- Chip auger / 螺旋排屑裝置
- Chip collector / 集屑車
- Cooling liquid tank / 冷卻液水箱
- X / Y / Z slide way extension protecting cover / X / Y / Z軸滑道伸縮護蓋
- Horizontal adjustment block and screw / 水平調整塊及螺絲
- Wire-control hand wheel / 線控手輪
- Electrical box heat exchanger / 電氣箱熱交換器
- Rigid tapping / 剛性攻牙
- Automatic shutdown function / 自動斷電功能
- RS232 transmission interface / RS232傳輸介面
- Mechanical and electrical instructions / 機械及電氣操作說明書
- Spindle spray ring / 主軸環噴

#### OPTIONAL ACCESSORIES 選擇配備

- Mitsubishi controller / 三菱控制器
- Siemens controller / 西門子控制器
- Belt drive spindle 12000 rpm / 皮帶式12000轉主軸
- Direct-drive spindle#40 10000 / 12000 / 15000 rpm  
#40直結式10000 / 12000 / 15000轉主軸
- Fully enclosed splash guard / 口密閉式鈹金 (YH 1400-A / 1600-A / 1800-A)
- Direct-drive spindle#50 10000 rpm / #50直結式8000轉主軸 (YHA系列)
- Gearbox set / 齒輪箱 (YHA系列)
- Chain type chip conveyor / 鏈條式鐵屑輸送機
- Rear flushing device / 後沖裝置
- Arm 30/30刀刀臂式自動換刀機構 (YHA系列)
- Optical scale / 光學尺

- Oil mist lubrication device / 油霧潤滑裝置
- Spindle CTS system(20 bar) / 主軸中心出水 (20 bar)
- CTS filter type 30 bar / 濾罐式主軸中心出水 (30 Bar)
- CTS filter type 70 bar / 濾罐式主軸中心出水 (70 Bar)
- Air conditioner for electrical box (3000 BTU)電氣箱冷氣機 (3000 BTU)
- Automatic centering device (Renishaw OMP-60)  
工件量測系統 (Renishaw OMP-60)
- NC rotary table / NC旋轉分度盤
- The 4th axis interface / 第四軸接線介面
- Transformer / 變壓器
- Rear Cover / 機身後方護罩鈹金(YH1000-A / 1200-A / 1461-A)
- Oil skimmer / 油水分離機