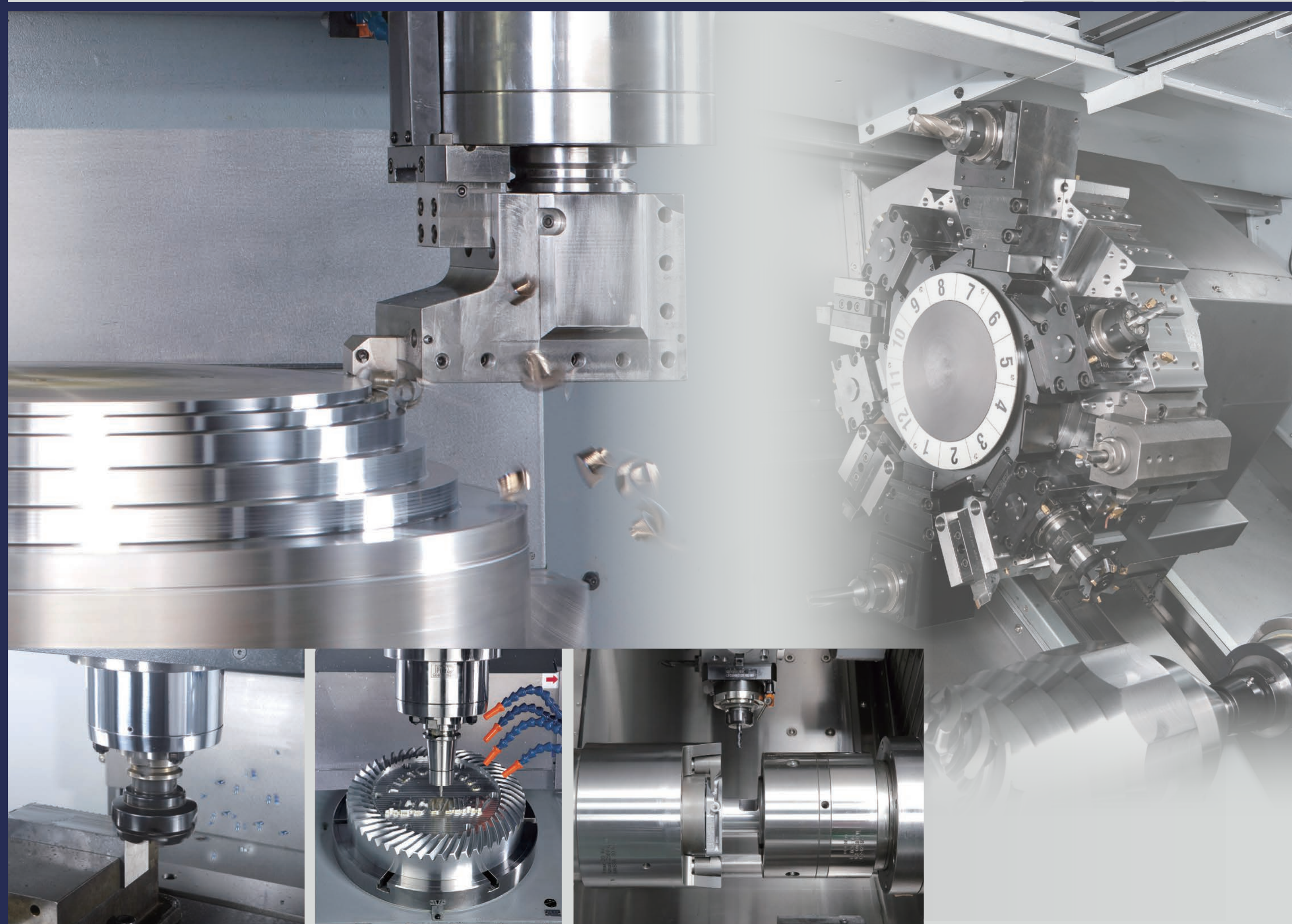
TOTAL SOLUTION

Vertical Machining & Turning Center



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UM-60

Item / Model		UM-60
Spindle speed 主軸轉速	rpm	10000 (12000)
Spindle nose taper 主軸鼻端斜度		BT40
X/Y/Z -axis travel X/Y/Z 軸行程	mm	600 / 520 / 540
Table dimension 工作台尺寸	mm	750 x 560
Max. weight on table 工作台最大負載	kg	750
X/Y/Z-axis rapid traverse rate X/Y/Z 軸快速進給速度	m / min	36 / 36 / 30
Cutting feed rate 切削進給速度	m / min	12
Guideway type 滑軌型式		Ball
Tool magazine capacity 刀具數量	station	24
Method of tool exchange 刀具自動交換方式		Arm type
Max. tool length 刀具最大長度	mm	300
Controller 控制器		FANUC 0i-M
High speed high precision 高速高精度機能		AICC (AICC II)
Spindle motor power 主軸馬達功率 Cont. / 30min	kW	7.5 / 11
Machine dimension 機器尺寸 L x W x H	m	2 x 2.6 x 2.8
Net weight 淨重	kg	5000

UM-85/85H

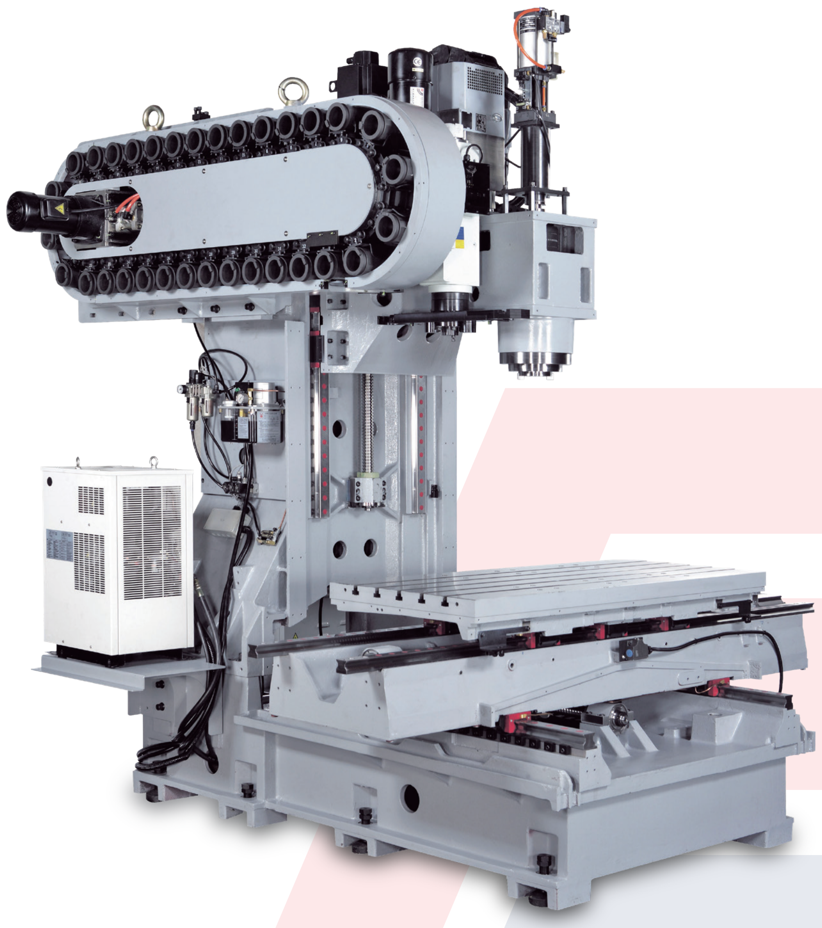
Item / Model		UM-85	UM-85H
Spindle speed 主軸轉速	rpm	10000 (12000)	12000 (15000)
Spindle nose taper 主軸鼻端斜度		BT40	
X/Y/Z -axis travel X/Y/Z 軸行程	mm	850 / 550 / 550	
Table dimension 工作台尺寸	mm	1100 x 600	
Max. weight on table 工作台最大負載	kg	1000	
X/Y/Z-axis rapid traverse rate X/Y/Z 軸快速進給速度	m / min	30 / 30 / 30	42 / 42 / 36
Cutting feed rate 切削進給速度	m / min	12	
Guideway type 滑軌型式		Ball	Roller
Tool magazine capacity 刀具數量	station	24 (30/32)	
Method of tool exchange 刀具自動交換方式		Arm type	
Max. tool length 刀具最大長度	mm	300	
Controller 控制器		FANUC 0i-M	
High speed high precision 高速高精度機能		AICC I (AICC II)	
Spindle motor power 主軸馬達功率 Cont. / 30min	kW	7.5 / 11 (15 / 18.5)	
Machine dimension 機器尺寸 L x W x H	m	2.7 x 2.2 x 3	
Net weight 淨重	kg	7000	

UM-110/110H/120

Item / Model		UM-110	UM-110H	UM-120
Spindle speed 主軸轉速	rpm	10000 (12000)	12000 (15000)	10000 (12000)
Spindle nose taper 主軸鼻端斜度		BT40		
X/Y/Z -axis travel X/Y/Z 軸行程	mm	1100 / 550 / 550		1200 / 650 / 600
Table dimension 工作台尺寸	mm	1200 x 600		1200 x 650
Max. weight on table 工作台最大負載	kg	1200		1300
X/Y/Z-axis rapid traverse rate X/Y/Z 軸快速進給速度	m / min	30 / 30 / 30	42 / 42 / 36	30 / 30 / 30
Cutting feed rate 切削進給速度	m / min	12		
Guideway type 滑軌型式		Ball	Roller	Ball
Tool magazine capacity 刀具數量	station	24 (30/32)		
Method of tool exchange 刀具自動交換方式		Arm type		
Max. tool length 刀具最大長度	mm	300		
Controller 控制器		FANUC 0i-M		
High speed high precision 高速高精度機能		AICC I (AICC II)		
Spindle motor power 主軸馬達功率 Cont. / 30min	kW	7.5 / 11 (15 / 18.5)		
Machine dimension 機器尺寸 L x W x H	m	3 x 2.2 x 3		3.1 x 2.3 x 2.8
Net weight 淨重	kg	7500		

Item / Model		UM-130	UM-150	UM-160S
Spindle speed 主軸轉速	rpm	10000 (12000)		
Spindle nose taper 主軸鼻端斜度		BT40		
X/Y/Z -axis travel X/Y/Z 軸行程	mm	1300 / 650 / 550	1500 / 750 / 550	1600 / 850 / 850
Table dimension 工作台尺寸	mm	1500 x 650	1600 x 770	1700 x 950
Max. weight on table 工作台最大負載	kg	1500		2000
X/Y/Z-axis rapid traverse rate X/Y/Z 軸快速進給速度	m / min	30 / 30 / 30		
Cutting feed rate 切削進給速度	m / min	12		
Guideway type 滑軌型式		Roller		
Tool magazine capacity 刀具數量	pcs	24 (30/32)		
Method of tool exchange 刀具自動交換方式		Arm type		
Max. tool length 刀具最大長度	mm	300		
Controller 控制器		FANUC 0i-M		
High speed high precision 高速高精度機能		AICC I (AICC II)		
Spindle motor power 主軸馬達功率 Cont. / 30min	kW	15 / 18.5		
Machine dimension 機器尺寸 L x W x H	m	3.3 x 2.7 x 3	3.7 x 2.9 x 3	4.4 x 3.2 x 3.2
Net weight 淨重	kg	8000	9500	14000

UM-130/150/160S



UM-110W/120W/130W/150W

Item / Model	Unit	UM-110W	UM-120W	UM-130W	UM-150W
Spindle speed 主軸轉速	rpm	6000			
Spindle nose taper 主軸鼻端斜度		BT50			
X/Y/Z -axis travel X/Y/Z 軸行程	mm	1100 / 550 / 550	1200 / 650 / 600	1300 / 650 / 550	1500 / 750 / 550
Table dimension 工作台尺寸	mm	1200 x 600	1200 x 650	1500 x 650	1600 x 770
Max. weight on table 工作台最大負載	kg	1200		1500	
X/Y/Z-axis rapid traverse rate X/Y/Z 軸快速進給速度	m / min	30 / 30 / 30			
Cutting feed rate 切削進給速度	m / min	12			
Guideway type 滑軌型式		Roller			
Tool magazine capacity 刀具數量	station	24 (32)			
Method of tool exchange 刀具自動交換方式		Arm type			
Max. tool length 刀具最大長度	mm	300			
Controller 控制器		FANUC 0i-M			
High speed high precision 高速高精度機能		AICC I			
Spindle motor power 主軸馬達功率 Cont. / 30min	kW	15 / 18.5			
Machine dimension 機器尺寸 L x W x H	m	3 x 2.2 x 3	3.3 x 2.7 x 3	3.3 x 2.7 x 3	3.7 x 2.9 x 3
Net weight 淨重	kg	7500	8000	9000	10000

Item / Model	Unit	UM-120B	UM-120WB	UM-160	UM-210
Spindle speed 主軸轉速	rpm	10000(12000)	6000		
Spindle nose taper 主軸鼻端斜度		BT40	BT50		
X/Y/Z -axis travel X/Y/Z 軸行程	mm	1200 / 650 / 600		1600 / 850 / 850	2100 / 850 / 850
Table dimension 工作台尺寸	mm	1300 x 650		1700 x 880	2200 x 980
Max. weight on table 工作台最大負載	kg	1200		2000	2500
X/Y/Z-axis rapid traverse rate X/Y/Z 軸快速進給速度	m / min	24 / 24 / 24		15 / 15 / 15	
Cutting feed rate 切削進給速度	m / min	12			
Guideway type 滑軌型式		Box way			
Tool magazine capacity 刀具數量	station	24 (30/32)	24 (32)		
Method of tool exchange 刀具自動交換方式		Arm type			
Max. tool length 刀具最大長度	mm	300			
Controller 控制器		FANUC 0i-M			
High speed high precision 高速高精度機能		AICC I			
Spindle motor power 主軸馬達功率 Cont. / 30min	kW	7.5 / 11(15/ 18.5)	15 / 18.5		22/26
Machine dimension 機器尺寸 L x W x H	m	3.1 x 2.3 x 2.8	3.3 x 2.7 x 3	4.4 x 3.9 x 3	5.4 x 3.9 x 3
Net weight 淨重	kg	7500	8000	15000	17000

UM-120WB/160/210

U-18H/U-25

Item / Model		U-18H	U-25
Spindle speed 主軸轉速	rpm	60000	12000 (15000)
Spindle nose taper 主軸鼻端斜度		Ø6	BT40
X-axis travel X 軸行程	mm	-5~+50	500
Y-axis travel Y 軸行程	mm	-10~+150	400
Z-axis travel Z 軸行程	mm	300	550
A-axis travel A 軸行程	mm	-30/+120	
C-axis travel C 軸行程	mm	360	
Table dimension 工作台尺寸	mm	Ø 200	Ø 250
Max. table loading at 0 degree 工作台 0° 最大負載	kg	60	
Max. table loading at 90 degree 工作台 90° 最大負載	kg	60	
X/Y/Z-axis rapid traverse rate X/Y/Z 軸快速進給速度	m / min	48 / 48 / 48	32 / 32 / 30
Cutting feed rate 切削進給速度	m / min	12	
Guideway type 滑軌型式		Ball	Roller
Tool magazine capacity 刀具數量	station	1	32
Method of tool exchange 刀具自動交換方式		手動	Arm type
Max. tool length 刀具最大長度	mm	100	300
Controller 控制器		FANUC 0i-M	
Spindle motor power 主軸馬達功率 Cont. / 30min	kW	1.2	7.5 / 11
Machine dimension 機器尺寸 L x W x H	m	2.8 x 2.5 x 3	2 x 2.5 x 3
Net weight 淨重	kg	3500	7200

UM-350/500

Item / Model		UM-350	UM-500
Spindle speed 主軸轉速	rpm	12000 (15000)	
Spindle nose taper 主軸鼻端斜度		BT40	
X-axis travel X 軸行程	mm	700	1000
Y-axis travel Y 軸行程	mm	550	650
Z-axis travel Z 軸行程	mm	550	
A-axis travel A 軸行程	mm	-120/+30	
C-axis travel C 軸行程	mm	360	
Table dimension 工作台尺寸	mm	Ø 350	Ø 500
Max. table loading at 0 degree 工作台 0° 最大負載	kg	200	300
Max. table loading at 90 degree 工作台 90° 最大負載	kg	200	250
X/Y/Z-axis rapid traverse rate X/Y/Z 軸快速進給速度	m / min	42 / 42 / 30	30 / 30 / 30
Cutting feed rate 切削進給速度	m / min	12	
Guideway type 滑軌型式		Roller	
Tool magazine capacity 刀具數量	station	24 (32 / 40)	
Method of tool exchange 刀具自動交換方式		Arm type	
Max. tool length 刀具最大長度	mm	300	
Controller 控制器		FANUC 0i-M	
Spindle motor power 主軸馬達功率 Cont. / 30min	kW	7.5 / 11	
Machine dimension 機器尺寸 L x W x H	m	2.7 x 2.2 x 3.2	3 x 2.2 x 3.2
Net weight 淨重	kg	7500	9000

UL-15/20

Item / Model		UL-15	UL-20
Controller 控制器		FANUC 0i-T	
Swing over bed 床面旋徑	mm	455	
Swing over saddle 鞍面旋徑	mm	260	
Max. turning diameter 最大加工直徑	mm	330/280(300)	
Max. turning length 最大加工長度	mm	300	600
Guide way type 滑軌型式		Box way	
Spindle nose taper 主軸鼻端	ASA	A2-6 (A2-5)	
Chuck diameter 夾頭尺寸	inch	8 (6)	
Spindle hole diameter 主軸通孔徑	mm	62 (56 / 76)	
Spindle speed 主軸轉速	rpm	4500 (6000 / 4000)	
Spindle motor power 主軸馬達功率 Cont./30min	kW	11 / 15	
Bar capacity 棒材通孔徑	mm	52 (44 / 65)	
Z-axis travel Z 軸行程	mm	350	625
X-axis travel X 軸行程	mm	175	
Tooling system 刀具型式		BOT	
Turret driven type 刀塔傳動型式		Hydraulic (Servo mechanical)	
Number of tools 刀具數量	station	8 / 10 (12)	
Square tool shank size 車刀尺寸	mm	25 (20)	
Round tool shank size 搪刀尺寸	mm	32	
Tailstock body travel 尾座行程	mm	200	400
Quill travel 頂心行程	mm	80	150
Quill diameter 頂心直徑	mm	70	
Quill taper 頂心錐度	MT#	4	
Machine dimension 機器尺寸 L x W x H	m	2.2 x 1.5 x 1.7	2.5 x 1.5 x 1.7
Net weight 淨重	kg	2850	3350

Item / Model		JT-150	JT-200
Controller 控制器		FANUC 0i-T	
Swing over bed 床面旋徑	mm	505	
Swing over saddle 鞍面旋徑	mm	318	
Max. turning diameter 最大加工直徑	mm	350/300(320)	
Max. turning length 最大加工長度	mm	320	570
Guide way type 滑軌型式		Linear	
Spindle nose taper 主軸鼻端	ASA	A2-6 (A2-5)	
Chuck diameter 夾頭尺寸	inch	8 (6)	
Spindle hole diameter 主軸通孔徑	mm	62 (56 / 76)	
Spindle speed 主軸轉速	rpm	4500 (6000 / 4000)	
Spindle motor power 主軸馬達功率 Cont./30min	kW	7.5 / 11 (11/15)	
Bar capacity 棒材通孔徑	mm	52 (44 / 65)	
Z-axis travel Z 軸行程	mm	350	600
X-axis travel X 軸行程	mm	195	
Tooling system 刀具型式		BOT	
Turret driven type 刀塔傳動型式		Hydraulic (Servo mechanical)	
Number of tools 刀具數量	station	8 (10 /12)	
Square tool shank size 車刀尺寸	mm	25 (20)	
Round tool shank size 搪刀尺寸	mm	32	
Tailstock body travel 尾座行程	mm	200	450
Quill travel 頂心行程	mm	150	
Quill diameter 頂心直徑	mm	70	
Quill taper 頂心錐度	MT#	4	
Machine dimension 機器尺寸 L x W x H	m	2.3 x 1.7 x 1.8	2.5 x 1.7 x 1.8
Net weight 淨重	kg	2900	3200

JT-150/200

UT-200/200L

Item / Model		UT-300	UT-300L	UT-300LX	UT-300LX2	UT-300LX3
Controller 控制器		FANUC 0i-T				
Swing over bed 床面旋徑	mm	612				
Swing over saddle 鞍面旋徑	mm	400				
Max. turning diameter 最大加工直徑	mm	500				
Max. turning length 最大加工長度	mm	700	1200	1700	2200	3100
Guide way type 滑軌型式		Box way				
Spindle nose taper 主軸鼻端	ASA	A 2-8 [A2-11]				
Chuck diameter 夾頭尺寸	inch	10 [12 /15]				
Spindle hole diameter 主軸通孔徑	mm	86 [101 / 116]				
Spindle speed 主軸轉速	rpm	3500 [2700 / 2500]				
Spindle motor power 主軸馬達功率 Cont./30min	kW	15 / 18.5				
Bar capacity 棒材通孔徑	mm	75 [90 / 105]				
Z-axis travel Z 軸行程	mm	750	1250	1750	2250	3182
X-axis travel X 軸行程	mm	300				
Tooling system 刀具型式		BOT				
Turret driven type 刀塔傳動型式		Hydraulic / Servo mechanical				
Number of tools 刀具數	station	12				
Square tool shank size 車刀尺寸	mm	25				
Round tool shank size 搪刀尺寸	mm	40				
Tailstock body travel 尾座行程	mm	540	1040	1540	2040	3040
Quill travel 頂心行程	mm	120				
Quill diameter 頂心直徑	mm	85				
Quill taper 頂心錐度	MT#	5				
Machine dimension 機器尺寸 L x W x H	m	3.1 x 1.8 x 1.8	3.9 x 1.8 x 1.8	5.2 x 2.3 x 2.3	5.5 x 2.3 x 2.3	7x2.3x2.3
Net weight 淨重	kg	5500	6000	7500	9000	11000

Item / Model		UT-200	UT-200L
Controller 控制器		FANUC 0i-T	
Swing over bed 床面旋徑	mm	505	
Swing over saddle 鞍面旋徑	mm	318	
Max. turning diameter 最大加工直徑	mm	350[300/320]	
Max. turning length 最大加工長度	mm	570	1000
Guide way type 滑軌型式		Box way	
Spindle nose taper 主軸鼻端	ASA	A2-6 [A2-5 / A2-8]	
Chuck diameter 夾頭尺寸	inch	8 [6 / 10]	
Spindle hole diameter 主軸通孔徑	mm	62 [56 / 76 / 86]	
Spindle speed 主軸轉速	rpm	4500 [6000 / 4000 / 3500]	
Spindle motor power 主軸馬達功率 Cont./30min	kW	11 / 15 [15/18.5]	
Bar capacity 棒材通孔徑	mm	52 [44 / 65 / 75]	
Z-axis travel Z 軸行程	mm	600	1050
X-axis travel X 軸行程	mm	220	
Tooling system 刀具型式		BOT	
Turret driven type 刀塔傳動型式		Hydraulic [Servo mechanical]	
Number of tools 刀具數量	station	8 / 10 / 12	
Square tool shank size 車刀尺寸	mm	25 [20]	
Round tool shank size 搪刀尺寸	mm	32	
Tailstock body travel 尾座行程	mm	545	1045
Quill travel 頂心行程	mm	80	
Quill diameter 頂心直徑	mm	75	
Quill taper 頂心錐度	MT#	4	
Machine dimension 機器尺寸 L x W x H	m	2.9 x 1.6 x 1.8	3.7 x 1.6 x 1.8
Net weight 淨重	kg	3600	4700

UT-300 Series

UT-200SM/200SY/200Y/UA-200Y

Item / Model		UT-200SM	UT-200SY	UT-200Y	UA-200Y
Controller 控制器		FANUC Oi-T			
Swing over bed 床面旋徑	mm	570	680		600
Swing over saddle 鞍面旋徑	mm	378	485		
Max. Spindle turning diameter 主軸最大加工直徑	mm	260	240		155
Max. Sub-spindle turning diameter 副主軸最大加工直徑	mm	200		-	
Max. turning length 最大加工長度	mm	440			400
Spindle nose taper 主軸鼻端	ASA	A2-6 (A2-5/A2-8)			A2-6
Spindle chuck diameter 主軸夾頭尺寸	inch	8 (6/10)			8
Spindle speed 主軸轉速	rpm	4500 (6000/4000/3500)			4500 (Belt)
Spindle motor power 主軸馬達功率 Cont./30min	kW	11 / 15 (15 /18.5)			11/15
Spindle bar capacity 主軸棒材通孔徑	mm	52 (44/65/75)			52
Sub spindle nose taper 副主軸鼻端	ASA	A2-5		-	
Sub spindle chuck diameter 副主軸夾頭尺寸	inch	6(8)		-	
Sub spindle speed 副主軸轉速	rpm	6000(5000)		-	
Sub spindle motor power 副主軸馬達功率 Cont./30min	kW	5.5 / 7.5		-	
Sub spindle bar capacity 副主棒材通孔徑	mm	44		-	
Z-axis travel Z 軸行程	mm	600			
Y-axis travel Y 軸行程	mm	-	±50		
X-axis travel X 軸行程	mm	220			150
B-axis travel B 軸行程	mm	585		-	
Tooling system 刀具型式		BMT (VDI)	BMT		BMT-55N
Number of tools 刀具數量	station	12			15
Square tool shank size 車刀尺寸	mm	20			
Round tool shank size 搪刀尺寸	mm	32			25
Machine dimension 機械尺寸 L x W x H	m	3.2 x 1.6 x 1.8	3.2 x 1.8 x 2.2	3.2 x 1.75 x 2.2	3.5 x 1.75 x 2.2
Net weight 淨重	kg	4000	4500		4700

Item / Model		UT-300SM	UT-300SY	UT-300Y	UA-330LY
Controller 控制器		FANUC Oi-T			
Swing over bed 床面旋徑	mm	700	910		800
Swing over saddle 鞍面旋徑	mm	500	720		600
Max. Spindle turning diameter 主軸最大加工直徑	mm	450	420		350
Max. Sub-spindle turning diameter 副主軸最大加工直徑	mm	375		-	
Max. turning length 最大加工長度	mm	560			1140
Spindle nose taper 主軸鼻端	ASA	A2-8 (A2-11)			A2-8
Spindle chuck diameter 主軸夾頭尺寸	inch	10 (12 / 15)			12(10)
Spindle speed 主軸轉速	rpm	3500 (2700 / 2500 /2000)			2500(3200)
Spindle motor power 主軸馬達功率 Cont./30min	kW	15 / 18.5 (18.5 / 22)			15 / 18.5
Spindle bar capacity 主軸棒材通孔徑	mm	75 (90 / 105/ 116.5)			75
Sub spindle nose taper 副主軸鼻端	ASA	A2-5		-	
Sub spindle chuck diameter 副主軸夾頭尺寸	inch	6(8)		-	
Sub spindle speed 副主軸轉速	rpm	6000(5000)		-	
Sub Spindle motor power 副主軸馬達功率 Cont./30min	kW	5.5 / 7.5		-	
Sub spindle bar capacity 副主軸棒材通孔徑	mm	44		-	
Z-axis travel Z 軸行程	mm	750			1250
Y-axis travel Y 軸行程	mm	-	±50		
X-axis travel X 軸行程	mm	280	275		290
B-axis travel B 軸行程	mm	700		-	
Tooling system 刀具型式		BMT (VDI)			BMT-55N
Number of tools 刀具數量	station	12			15
Square tool shank size 車刀尺寸	mm	25			
Round tool shank size 搪刀尺寸	mm	40			
Machine dimension 機器尺寸 L x W x H	m	3.5 x 1.9 x 2	3.5 x 2.1 x 2.4		4.9 x 2.4 x 2.2
Net weight 淨重	kg	5900	6500		7500

UT-300SM/300SY/300Y/UA-330LY

UZ-1500T2Y/UA-1500T2Y/T2YB/T2Y2

Item / Model		UZ-1500T2Y	UA-1500T2Y2	UA-1500T2Y	UA-1500T2YB
Controller 控制器		FANUC 0i-T			
Swing over bed 床面旋徑	mm	660	460	660	
Swing over saddle 鞍面旋徑	mm	620	400	620	
Max. turning diameter (main-spindle) 主軸最大加工直徑	mm	310	200	310	
Max. turning length 最大加工長度	mm	480	565	500	400
Spindle nose taper 主軸鼻端	ASA	A2-6			A2-8
Spindle chuck diameter 主軸夾頭尺寸	inch	8			10
Spindle speed 主軸轉速	rpm	4500/3500(Belt)	4500 (Belt)	4500/3500(Belt)	3200(Belt)
Spindle motor power 主軸馬達功率 Cont./30min	kW	11 / 15			
Spindle bar capacity 主軸棒材通孔徑	mm	52 (65)	52	52 (65)	75
Sub spindle nose taper 副主軸鼻端	ASA	A2-6			A2-8
Sub spindle chuck diameter 副主軸夾頭尺寸	inch	6 (8)			10
Sub spindle speed 副主軸轉速	rpm	4500(Belt)			3200(Belt)
Sub Spindle motor power 副主軸馬達功率 Cont./30min	kW	7.5 / 11			
Sub spindle bar capacity 副主軸棒材通孔徑	mm	45 (52)	52	45 (52)	75
X-axis travel X 軸行程	mm	X1 / X2 : 210	X1 / X2 : 160.5	X1 / X2 : 200	
Y-axis travel Y 軸行程	mm	Y1 : ±50	Y1 : ±50/Y2:±35	Y1 : ±50	
Z-axis travel Z 軸行程	mm	Z1 / Z2 : 600	Z1 / Z2 : 565	Z1 / Z2 : 600	
B-axis travel B 軸行程	mm	700	650	700	
Tooling system 刀具型式		BMT-40	BMT-55N		
Number of tools 刀具數量	station	16+16	15+15	16+16	
Square tool shank size 車刀尺寸	mm	20(25)			25
Round tool shank size 搪刀尺寸	mm	25(32)			32
Machine dimension 機械尺寸 L x W x H	m	4.0 x 2.4 x 2.3	3.9 x 2.4 x 2.3	4.0 x 2.4 x 2.3	
Net weight 淨重	kg	10000			10500

Item / Model		UA-250	UA-2000T2M	UA-2000T2MB
Controller 控制器		FANUC 0i-T		
Swing over bed 床面旋徑	mm	700	660	
Swing over saddle 鞍面旋徑	mm	600	620	
Max. turning diameter (main-spindle) 主軸最大加工直徑	mm	410	340	
Max. turning length 最大加工長度	mm	290	600	440
Spindle nose taper 主軸鼻端	ASA	A2-11	A2-8	A2-11
Spindle chuck diameter 主軸夾頭尺寸	inch	15	10	15
Spindle speed 主軸轉速	rpm	2500(Belt)	3500(Belt)	2500 (Belt)
Spindle motor power 主軸馬達功率 Cont./30min	kW	15 / 18.5		
Spindle bar capacity 主軸棒材通孔徑	mm	105	75	105
Sub spindle nose taper 副主軸鼻端	ASA	A2-11	A2-8	A2-11
Sub spindle chuck diameter 副主軸夾頭尺寸	inch	15	10	15
Sub spindle speed 副主軸轉速	rpm	2500(Belt)	3500(Belt)	2500(Belt)
Sub Spindle motor power 副主軸馬達功率 Cont./30min	kW	11/15	11 / 15	
Sub spindle bar capacity 副主軸棒材通孔徑	mm	105	75	105
X-axis travel X 軸行程	mm	X1/X2 : 190	X1 / X2 : 210	
Z-axis travel Z 軸行程	mm	Z1/Z2 : 500	Z1 / Z2 : 550	Z1 / Z2 : 450
B-axis travel B 軸行程	mm	1050	1400	1200
Tooling system 刀具型式		BOT	BMT-55N	
Number of tools 刀具數量	station	12+12	16+16	
Square tool shank size 車刀尺寸	mm	25	20	
Round tool shank size 搪刀尺寸	mm	40	32	
Machine dimension 機械尺寸 L x W x H	m	5.7 x 2.2 x 2.4	7.0 x 2.4 x 2.7	6.7 x 2.5 x 2.8
Net weight 淨重	kg	9000	11500	11000

UA-250/UA-2000T2M/T2MB

UZ-2000 Series

Item / Model		UZ-2000T2MW	UZ-2000T2M	UZ-2000T2Y	UZ-2000T3Y2
Controller 控制器		FANUC 0i-T / MITSUBISHI			
Swing over bed 床面旋徑	mm	660			325
Swing over saddle 鞍面旋徑	mm	620			325
Max. turning diameter (main-spindle) 主軸最大加工直徑	mm	320			
Max. turning diameter (sub-spindle) 副主軸最大加工直徑	mm	-	320		
Max. turning length 最大加工長度	mm	810			295
Spindle nose taper 主軸鼻端	ASA	A2-5 [A2-8 /A2-11]			A2-5 [A2-6]
Spindle chuck diameter 主軸夾頭尺寸	inch	6 [10 /15]			6[8]
Spindle speed 主軸轉速	rpm	5000(Built-in) 3500 / 2500(Belt)			5000/4500
Spindle motor power 主軸馬達功率 Cont./30min	kW	11 / 15 [15 /18.5]			11/15
Spindle bar capacity 主軸棒材通孔徑	mm	52 [78 / 105]			52[65]
Sub spindle nose taper 副主軸鼻端	ASA	-	A2-5[A2-6]		
Sub spindle chuck diameter 副主軸夾頭尺寸	inch	-	6 [8]		
Sub spindle speed 副主軸轉速	rpm	-	5000/4500		
Sub Spindle motor power 副主軸馬達功率 Cont./30min	kW	-	11 / 15		
Sub spindle bar capacity 副主軸棒材通孔徑	mm	-	52 [65]		
X-axis travel X 軸行程	mm	X1 / X2 : 210			X1/X2/X3 : 210
Y-axis travel Y 軸行程	mm	-		Y1 : -40/+60	Y1/Y3 : +65/-45
Z-axis travel Z 軸行程	mm	Z1 / Z2 : 840			Z1 / Z3 : 350 Z2 : 840
B-axis travel B 軸行程	mm	-	920		
Turret driven type 刀塔傳動型式		Servo mechanical			
Number of tools 刀具數量	station	16+16			16+16+16
Tailstock body travel 尾座行程	mm	770	-		
Quill travel 頂心行程	mm	120	-		
Quill diameter 頂心直徑	mm	85	-		
Quill taper 頂心錐度	MT#	5	-		
Machine dimension 機械尺寸 L x W x H	m	4.7 x 2.4 x 2.3			
Net weight 淨重	kg	10500		11000	11500

Item / Model		UT-360	UT-360L	UT-360LX	UT-360LX2	UT-360LX3
Controller 控制器		FANUC 0i-T				
Swing over bed 床面旋徑	mm	750				
Swing over saddle 鞍面旋徑	mm	600				
Max. turning diameter 最大加工直徑	mm	550				
Max. turning length 最大加工長度	mm	630	1130	1630	2130	3062
Guide way type 滑軌型式		Box way				
Spindle nose taper 主軸鼻端	ASA	A2-8 [A2-11]				
Chuck diameter 夾頭尺寸	inch	12 [15]				
Spindle hole diameter 主軸通孔徑	mm	101 [116 / 131]				
Spindle speed 主軸轉速	rpm	2700 [2500 / 2000]				
Spindle motor power 主軸馬達功率 Cont./30min	kW	18.5 / 22 [30 / 37]				
Bar capacity 棒材通孔徑	mm	90 [105 / 116.5]				
Z-axis travel Z 軸行程	mm	750	1250	1750	2250	3182
X-axis travel X 軸行程	mm	305				
X/Z-axis rapid traverse rate X/Z 軸快速進給	m/min	20 / 20			20 / 15	20 / 10
Tooling system 刀具型式		BOT				
Turret driven type 刀塔傳動型式		Hydraulic / Servo mechanical				
Number of tools 刀具數量	station	12				
Square tool shank size 車刀尺寸	mm	32				
Round tool shank size 搪刀尺寸	mm	50				
Tailstock body travel 尾座行程		540	1040	1540	2040	3040
Quill travel 頂心行程	mm	120				
Quill diameter 頂心直徑	mm	120				
Quill taper hole 頂心錐度	MT#	6				
Machine dimension 機器尺寸 L x W x H	m	3.4x2.2x2.3	5.7x2.2x2.3	6.1x2.2x2.3	6.4x2.2x2.3	7.9x2.2x2.3
Net weight 淨重	kg	6200	7000	8000	9500	11000

UT-360 Series

UT-380 Series

Item / Model		UT-380	UT-380L	UT-380LX	UT-380LX2	UT-380LX3
Controller 控制器		FANUC 0i-T				
Swing over bed 床面旋徑	mm	850				
Swing over saddle 鞍面旋徑	mm	700				
Max. turning diameter 最大加工直徑	mm	680				
Max. turning length 最大加工長度	mm	630	1130	1630	2130	3062
Guide way type 滑軌型式		Box way				
Spindle nose taper 主軸鼻端	ASA	A2-8 (A2-11 / A2-15)				
Chuck diameter 夾頭尺寸	inch	12 (15 / 18)				
Spindle hole diameter 主軸通孔徑	mm	101 (116 / 131 / 181)				
Spindle speed 主軸轉速	rpm	2700 (2500 / 2000 / 1800)				
Spindle motor power 主軸馬達功率 Cont./30min	kW	18.5 / 22 (30 /37) + 2 speed gearbox				
Bar Capacity 棒材通孔徑		90 (105 / 116.5 / 166.5)				
Z-axis travel Z 軸行程	mm	750	1250	1750	2250	3182
X-axis travel X 軸行程	mm	370				
X/Z-axis rapid traverse rate X/Z 軸快速進給速度	m/min	20 / 20			20 / 15	20 / 10
Tooling system 刀具型式		BOT				
Turret driven type 刀塔傳動型式		Hydraulic / Servo mechanical				
Number of tools 刀具數量	station	12				
Square tool shank size 車刀尺寸	mm	32				
Round tool shank size 搪刀尺寸	mm	50				
Tailstock body travel 尾座行程	mm	540	1040	1540	2040	3040
Quill travel 頂心行程	mm	120				
Quill diameter 頂心直徑	mm	120				
Quill taper hole 頂心錐度	MT#	6				
Machine dimension 機器尺寸 L x W x H	m	3.4x2.2x2.35	5.7x2.2x2.35	6.1x2.2x2.4	6.4x2.2x2.4	7.9x2.2x2.4
Net weight 淨重	kg	6500	7500	8500	10000	11000

Item / Model		UT-400L	UT-400LX2	UT-400LX3	UT-400LX4
Controller 控制器		FANUC 0i-T			
Swing over bed 床面旋徑	mm	900			
Swing over saddle 鞍面旋徑	mm	745			
Max. turning diameter 最大加工直徑	mm	700			
Max. turning length 最大加工長度	mm	1400	2100	3000	4000
Guide way type 滑軌型式		Box way			
Spindle nose taper 主軸鼻端	ASA	A2-11 (A2-15)			
Chuck diameter 夾頭尺寸	inch	15 (18 / 20 / 24)			
Spindle hole diameter 主軸通孔徑	mm	131 (205 / 235 / 258)			
Spindle speed 主軸轉速	rpm	2000 (1500 / 850 / 800)			
Spindle motor power 主軸馬達功率 Cont./30min	kW	30/37 (37/45)+2 Speed gearbox			
Z-axis travel Z 軸行程	mm	1500	2100	3100	4100
X-axis travel X 軸行程	mm	380			
X/Z-axis rapid traverse rate X/Z 軸快速進給速度	m/min	20/24	20/15	20/10	20/6
Tooling system 刀具型式		BOT			
Turret driven type 刀塔傳動型式		Servo mechanical			
Number of tools 刀具數量	station	12			
Square tool shank size 車刀尺寸	mm	32			
Round tool shank size 搪刀尺寸	mm	50			
Quill travel 頂心行程	mm	150			
Quill diameter 頂心直徑	mm	160			
Quill taper hole 頂心錐度	MT#	6			
Machine dimension 機器尺寸 L x W x H	m	6.2 x 2.8 x 2.7	6.9 x 2.8 x 2.7	7.9 x 2.8 x 2.7	8.9 x 2.8 x 2.7
Net weight 淨重	kg	14000	15000	17000	19000

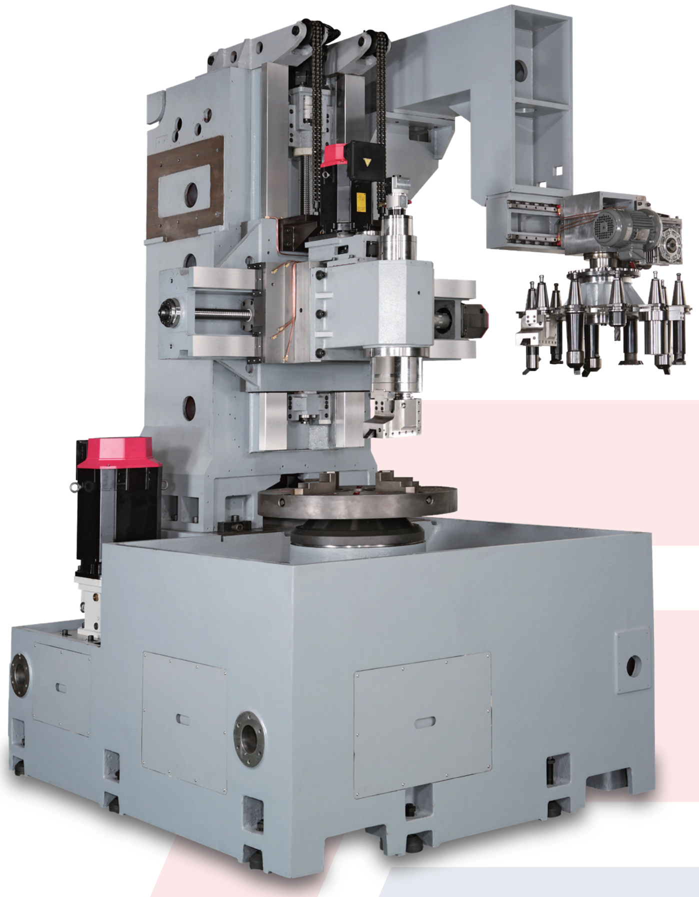
UT-400 Series

Item / Model		UV-55E	UV-55EC	UV-75E	UV-75EC	UV-100E	UV-100EC
Controller 控制器		FANUC 0i-T					
Swing over bed 床面旋徑	mm	750		850		1100	
Max. turning diameter 最大加工直徑	mm	550		750		1000	
Max. turning length 最大加工長度	mm	550		700			
Spindle speed 主軸轉速	rpm	2500		1600(630)		1200 (2-Speed gearbox)	
Guide way type 滑軌型式		Linear		Linear (Box way)		Box way	
Spindle nose taper 主軸鼻端	ASA	A2-8		A2-11		A2-15	
Chuck diameter 夾頭尺寸	inch	12 (15)		24 (32)		24 (32 /40)	
X-axis travel X 軸行程	mm	295		420		550	
Z-axis travel Z 軸行程	mm	550		800		800	
X/Z-axis rapid traverse rate X/Z 軸快速進給速度	m/min	20/7				15/7	
Tooling system 刀具型式		BOT	BMT(VDI)	BOT	BMT(VDI)	BOT	BMT(VDI)
Turret driven type 刀塔傳動型式		Hydraulic	Servo mechanical	Hydraulic	Servo mechanical	Hydraulic	Servo mechanical
Number of tools 刀具數量	station	12					
Square tool shank size 車刀尺寸	mm	25		32			
Round tool shank size 搪刀尺寸	mm	40		50			
Rotary tool spindle power 動力軸馬達功率	kW	-	3.7/5.5	-	5.5/7.5	-	7.5/11
Spindle motor power 主軸馬達功率 Cont./30min	kW	15 / 18.5		18.5/22		30/37 (37/45,45/55)	
X-axis motor power X 軸馬達功率	kW	3		3		4	
Z-axis motor power Z 軸馬達功率	kW	3		4		4	
Hydraulic motor power 油壓馬達功率	kW	2.2					
Coolant pump motor power 冷卻水馬達功率	kW	0.5+1					
Machine dimension 機器尺寸 L x W x H	m	2.3 x 3.0 x 3.0		2.6 x 3.7 x 4.2		3.1 x 3.7 x 4.2	
Net weight 淨重	kg	5300		15000		16000	

UT-600 Series

Item / Model		UT-600L	UT-600LX2	UT-600LX3	UT-600LX4
Controller 控制器		FANUC 0i-T			
Swing over bed 床面旋徑	mm	1030			
Swing over saddle 鞍面旋徑	mm	950			
Max. turning diameter 最大加工直徑	mm	900			
Max. turning length 最大加工長度	mm	1350	2050	2950	3950
Guide way type 滑軌型式		Box way			
Spindle nose taper 主軸鼻端	ASA	A2-15 / A2-20			
Chuck diameter 夾頭尺寸	inch	24 (32)			
Spindle hole diameter 主軸通孔徑	mm	205 (235 / 258 / 320 / 375)			
Spindle speed 主軸轉速	rpm	1500 (850 / 800 / 400 / 300)			
Spindle motor power 主軸馬達功率 Cont./30min	kW	30/37 (37/45) +2-Speed gearbox			
Z-axis travel Z 軸行程	mm	1500	2100	3100	4100
X-axis travel X 軸行程	mm	470			
X/Z-axis rapid traverse rate X/Z 軸快速進給速度	m/min	20 / 24	20 / 15	20 / 10	20 / 6
Tooling system 刀具型式		BOT			
Turret driven type 刀塔傳動型式		Servo mechanical			
Number of tools 刀具數量	station	12			
Square tool shank size 車刀尺寸	mm	32			
Round tool shank size 搪刀尺寸	mm	50			
Quill travel 頂心行程	mm	150			
Quill diameter 頂心直徑	mm	160			
Quill taper hole 頂心錐度	MT#	6			
Machine dimension 機器尺寸 L x W x H	m	6.2 x 2.8 x 3	6.9 x 2.8 x 3	7.9 x 2.8 x 3	8.9 x 2.8 x 3
Net weight 淨重	kg	14500	15500	17500	19500

UV-55E/75E/100E



UV-75ATC/100ATC

Item / Model		UV-75ATC	UV-75ATCC	UV-100ATC	UV-100ATCC
Controller 控制器		FANUC 0i-T			
Swing over bed 床面旋徑	mm	850		1100	
Max. turning diameter 最大加工直徑	mm	750		1000	
Max. turning length 最大加工長度	mm	800		800	
Spindle speed 主軸轉速	rpm	1600		1200	
Guideway type 滑軌型式		Linear (Box way)		Box way	
Spindle nose taper 主軸鼻端	ASA	A2-11		A2-15	
Chuck diameter 夾頭尺寸	inch	24 (32)		24 (32 / 40)	
X-axis travel X 軸行程	mm	650		765	
Z-axis travel Z 軸行程	mm	800			
X/Z-axis rapid traverse rate X/Z 軸快速進給速度	m/min	20 / 7		15/7	
Tooling system 刀具型式		ATC			
Turret driven type 刀塔傳動型式		Servo			
Number of tools 刀具數量	station	12			
Tool holder taper size 刀柄尺寸	mm	BT50			
Rotary tool spindle power 動力軸馬達功率	kW	-	5.5 / 7.5	-	7.5/11 (15/18.5)
Spindle motor power 主軸馬達功率 Cont./30min	kW	18.5/22		30/37 (37/45,45/55)	
X-axis motor power X 軸馬達	kW	3		4	
Z-axis motor power Z 軸馬達	kW	4			
Hydraulic motor power 油壓馬達	kW	2.2			
Coolant pump motor power 冷卻水馬達	kW	0.5+1			
Machine dimension 機械尺寸 L x W x H	m	2.7 x 3.7 x 4.0		3.1 x 3.7 x 4.6	
Net weight 淨重	kg	16000	16500		17000

Item / Model		UT-100E	UT-100	UT-100M	UT-100Y
Controller 控制器		FANUC 0i-T			
Swing over bed 床面旋徑	mm	380			450
Swing over saddle 鞍面旋徑	mm	320			330
Max. turning diameter 最大加工直徑	mm	180		100	110
Max. turning length 最大加工長度	mm	175		130	170
Spindle speed 主軸轉速	rpm	6000			
Spindle nose taper 主軸鼻端	ASA	A2-5			
Chuck diameter 夾頭尺寸	inch	6			
Bar capacity 棒材通孔徑	mm	30			
X-axis travel X 軸行程	mm	120			80
Y-axis travel Y 軸行程	mm	-			±25
Z-axis travel Z 軸行程	mm	230			220
X-axis rapid traverse rate X 軸快速進給速度	m/min	12			
Y-axis rapid traverse rate Y 軸快速進給速度	m/min	-			10
Z-axis rapid traverse rate Z 軸快速進給速度	m/min	18			
Tooling system 刀具型式		BOT		VDI-30	BMT-55
Turret driven type 刀塔傳動型式		Hydraulic / Servo		Servo mechanical	
Number of tools 刀具數量	station	12			
Square tool shank size 車刀尺寸	mm	20			25
Round tool shank size 搪刀尺寸	mm	32			40
Rotary tool spindle power 動力軸馬達功率	kW	-		4.5	
Max. rotary tool speed 動力刀具轉速	rpm	-		6000	
Spindle motor power 主軸馬達功率 Cont./30min	kW	5.5/7.5			
Machine dimension 機器尺寸 L x W x H	m	1.7 x 1.6 x 1.7	1.7 x 1.6 x 2.2		1.9 x 1.5 x 2.5
Net weight 淨重	kg	1800	1900		2300
Intergrated loder 機械手		-	•	•	•

UT-100 Series

GX-100

Item / Model		GX-100	GX-100TM
Controller 控制器		FANUC 0i-T	
Max. Spindle turning diameter 主軸最大加工直徑	mm	50	70
Max. Sub-spindle turning diameter 副主軸最大加工直徑	mm	50	70
Max. turning length 最大加工長度	mm	60	55
Spindle nose taper 主軸鼻端	ASA	A2-5	
Spindle chuck diameter 主軸夾頭尺寸	inch	5	
Spindle speed 主軸轉速	rpm	6000	
Spindle motor power 主軸馬達功率 Cont./30min	kW	5.5/7.5	
Spindle bar capacity 主軸棒材通孔徑	mm	30	
Sub spindle nose taper 副主軸鼻端	ASA	A2-5	
Sub spindle chuck diameter 副主軸夾頭尺寸	inch	5	
Sub spindle speed 副主軸轉速	rpm	6000	
Sub Spindle motor power 副主軸馬達功率 Cont./30min	kW	5.5 / 7.5	
Sub spindle bar capacity 副主軸棒材通孔徑	mm	30	
X-axis travel X 軸行程	mm	210	160
Z-axis travel Z 軸行程	mm	310(±155)	
X/Z-axis rapid traverse rate X/Z 軸快速進給速度	m/min	18/24	
X-axis motor power X 軸馬達功率	kW	1.2	
Z-axis motor power Z 軸馬達功率	kW	1.2	
Hydraulic motor power 油壓馬達功率	kW	1.5	
Coolant pump motor power 冷卻水馬達功率	kW	1	
Turret driven type 刀塔傳動型式		Gang Type	BMT-45
Square tool shank size 車刀尺寸	mm	20	
Round tool shank size 搪刀尺寸	mm	25	32
Machine dimension 機器尺寸 L x W x H	m	1.6 x 1.6 x 2.3	1.6 x 1.6 x 2.3
Machine dimension (Including loader) 機器尺寸 (含機械手) L x W x H		2.7 x 2.0 x 2.5	
Net weight 淨重	kg	3200	3300

ACCUWAY MACHINERY

Since its establishment, ACCUWAY Machinery Co., Ltd. has consistently adhered to the quality policy of "Quality First, Customer Supreme, Technological Innovation, and Integrity Management." We specialize in the research and manufacturing of multi-tasking lathe and vertical machining centers, continuously introducing high-precision, high-performance products that keep pace with the times. Guided by the philosophy of "Continuous Improvement and Practicality," we strive to establish the highest core value of "ACCURACY IS MY WAY – Precision and Dedication." Our journey has transformed us from contract manufacturing to independent research and innovation, progressively advancing towards the high-end domain of precision smart mechanical processing in the value chain.

ACCUWAY History

1986 Founded in Taipei, began supplying precision mold and die for semiconductor and LED industries.

1997 Merge GYM and relocate the company to Tanzi Dist., Taichung City. Expand the business to include automation equipment, molds, and parts.

2000 The company changed its name to Giantplus International Technology Inc.

2002 Establish DaZhou Factory in Shengang District, Taichung City, and acquire equipment to start undertaking OEM of CNC Lathe GCL-2(L).

2003 Started manufacturing and selling the high-speed (12000 rpm) vertical machining centers UM-85H and UM-110H. Obtained the ISO 9001 certificate for the design and manufacture of machine tools.

2004 Established the ACCUWAY brand and commenced exporting to Southeast Asia and the Turkish market. Completed the design and manufacturing of the vertical machining centers UM-85 and UM-110, as well as the slant bed lathe UT-200. Additionally, obtained the relevant CE certificates for these products.

2006 Started production of CNC lathe UL-15, UT-300/UT-300L.

2007 Started production of vertical machining center UM-60/UM-75 and UM-130, developing 12 station APT-40 power turret.

2008 Developing built-in spindle, manufacturing the dual-spindle turning center UT-200S, and the UT-200SM equipped with a power turret. Also, purchasing the ZEISS CONTURA G2 coordinate measuring machine.

2009 Introducing the UT-300Y, UT-300SY, and UT-300LSY multi-tasking turning center with Y-axis and sub-spindle capabilities. Also, developing large heavy-duty CNC lathes UT-400 and UT-600, capable of machining lengths up to 4 meters. Increasing capital to 250 million New Taiwan Dollars and acquiring 2,500 square meters of land in the Shengang Fengzhou Science Industrial Park.

2011 Developed UV series of Vertical Lathe UV-55E, UV-75E and UV-75ATCC.

2012 Started production of heavy duty CNC LathesUT-600 and vertical CNC lathe UV-100 ATCC. Moved to Fengzhou high-tech industrial park.

2013 Started production of multi-tasking CNC lathe, UT-200SY

2014 Completed the research and development of the 16-tool position BMT-40 and 12-tool position BMT-65 power turrets, and launched the dual-spindle, dual-turret turning center UZ-2000T2Y. Also, began production of the linear guide way lathe JT series.

2015 Developed CNC lathe with integrated loader UT-100M&UT-100Y for automotive parts production.

2016 Completed the gang type lathe GL-12 and the dual-spindle automated loading and unloading smart lathe GX-100. Also, joined the Taiwan Aerospace Industry Alliance 'A-Team 4.0' as an official member.

2017 Successfully secured sales records for the large vertical machining center UM-210. Purchased high-end 5-axis lathe-milling machining centers and obtained AS 9100 Aerospace Quality System Certification from the French AFAQ-AFNOR Group, becoming an approved supplier for Aerospace Industrial Development Corporation.

2018 Completed the research and development of the 12-tool position power turret and introduced the dual-spindle, dual-turret turning center UT-2000T2M.

2020 Developed the U-25 gantry-type 5-axis machining center.

2021 Introducing the new UZ and UA series dual-spindle, dual-turret turning center: UZ-1500T2Y, UA-1500T2Y, UA-2000T2M, UA-250, UA-1500T2Y2.