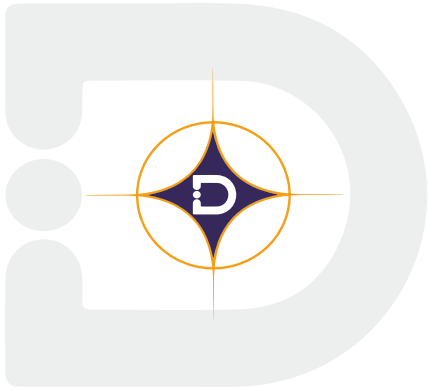




DENEb

We turn your ideas into reality

CNC MACHINE TOOLS AND ACCESSORIES



Taikan

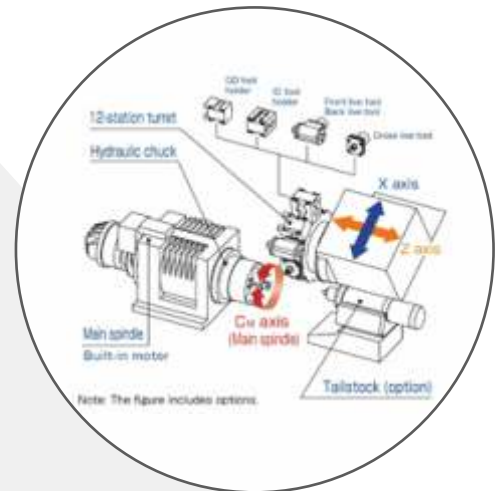


PMT MACHINES

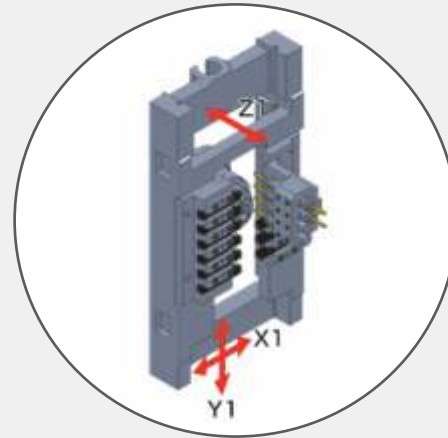


Dasqua





Standard Specification	Unit	Mi06JC	Mi06J	Mi08J	Mi08JL5	M08D/ M08DY	M08SY
System		Fanuc/ Mitsubishi	Fanuc	Fanuc	Fanuc	Fanuc	Fanuc
Chuck	inch	6	6	8	8	8	8
Max. machining dia	mm	220	260	280	280	280	280
Max machining length	mm	190	290	290	500	380	380
Barstock	mm	42	51	65	65	65	65
Spindle nose	-	140F	JIS A2-6	JIS A2-6	JIS A2-6	JIS A2-6	JIS A2-6
Spindle speed	rpm	4500	4500	4000	4000	4500	4500
Spindle power	kw	5.5/7.5	5.5/7.5	9/11	9/11	7.5/11	7.5/11
Number of station	-	8 Servo	8 Servo	8 Servo	8 Servo	12 Servo	12 Servo
OD tool shank	mm	20x20	25x25	25x25	25x25	25x25	25x25
ID boring dia	mm	25	40	40	40	40	40
Rapid traverse rate X/Z	m/min	24	24/27	24/27	24/27	24/27	24/27
Back spindle chuck	inch	-	-	-	-	-	140F
Back spindle motor power	kw	-	-	-	-	-	5.5/7.5
Max.live tool speed	rpm	-	-	-	-	5000	5000
Live tool motor power	kw	-	-	-	-	2.2/3.7	2.2/3.7
Y-Axis stroke	mm	-	-	-	-	+/- 50	+/-50
Tailstock	-	-	-	MT No.4	MT No.4	MT No.4	MT No.4
Width x Depth x Height	mm	1165x1460 x1600	1690x1570 x1600	1690x1570 x1600	1970x1673 x1600	2334x2050 x1750	2474x2050 x1930
Weight	kg	2380	3300	3300	3430	4700	5600



Standard Specification	Unit	B0205-III / B0206-III	B0265-III / B0266-III	B0325-III / B0326-III
System		Fanuc	Fanuc	Fanuc
Working barstock diameter	mm	3 to 20	8 to 26	8 to 32
Max.Machining length	mm	45 Guide -bushless,170 Direct drive rotary guide bushing	50 Guide -bushless,270 Direct / belt drive rotary guide bushing	50 Guide -bushless,330 Direct / belt drive rotary guide bushing
Max main spindle drilling diameter	mm	10	12	12
Max main spindle tapping diameter	mm	M10	M10	M10
Max back spindle chucking diameter	mm	26	26	32
Max back spindle drilling diameter	mm	8	10	10
Max back spindle tapping diameter	mm	M8	M8	M8
Max.cross drilling diameter	mm	6	8	8
Max.cross tapping diameter	mm	M5 x 0.8	M6	M6
Max.tool spindle slotting cutter diameter	mm	30	45	45
Main spindle speed	rpm	200 to 12000	200 to 10000	200 to 12000
Back spindle speed	rpm	200 to 12000	200 to 10000	200 to 10000
Rotary guide bush speed	rpm	200 to 12000	200 to 10000	200 to 10000
Tool spindle speed(Live)	rpm	200 to 8000	200 to 5000	200 to 5000
Total tool storage capacity	nos	21 / 25	27 / 39 -31 / 43	27 / 39 -31 / 43
Tool size	mm	12 x 12 x 85	16 x 16 x 100	16 x 16 x 100
Controlled axis (Linear)		5 / 6	5 / 6	5 / 6
Main spindle power	kw	2.2/3.7	3.7 / 5.5	3.7 / 5.5
Back spindle power	kw	1.5/2.2	2.2 /3.7	2.2 /3.7
Linear axis power	kw	0.5	0.5	0.5
Cross/Back live tool (option)	kw	0.75	1	1
Total power requirement	kva	11 / 12	21.4	21.4
Air discharge rate	NL/Min	30	40	40
Compressed air requirement	mpa	0.4 above	0.4 above	0.4 above
Coolant tank capacity	ltr	120	180	180
Width x Depth x Height	mm	1655 x 1125 x 1700	2,630 x 1270 x 1970	2,630 x 1270 x 1970
Weight	kg	2000	4000	4000



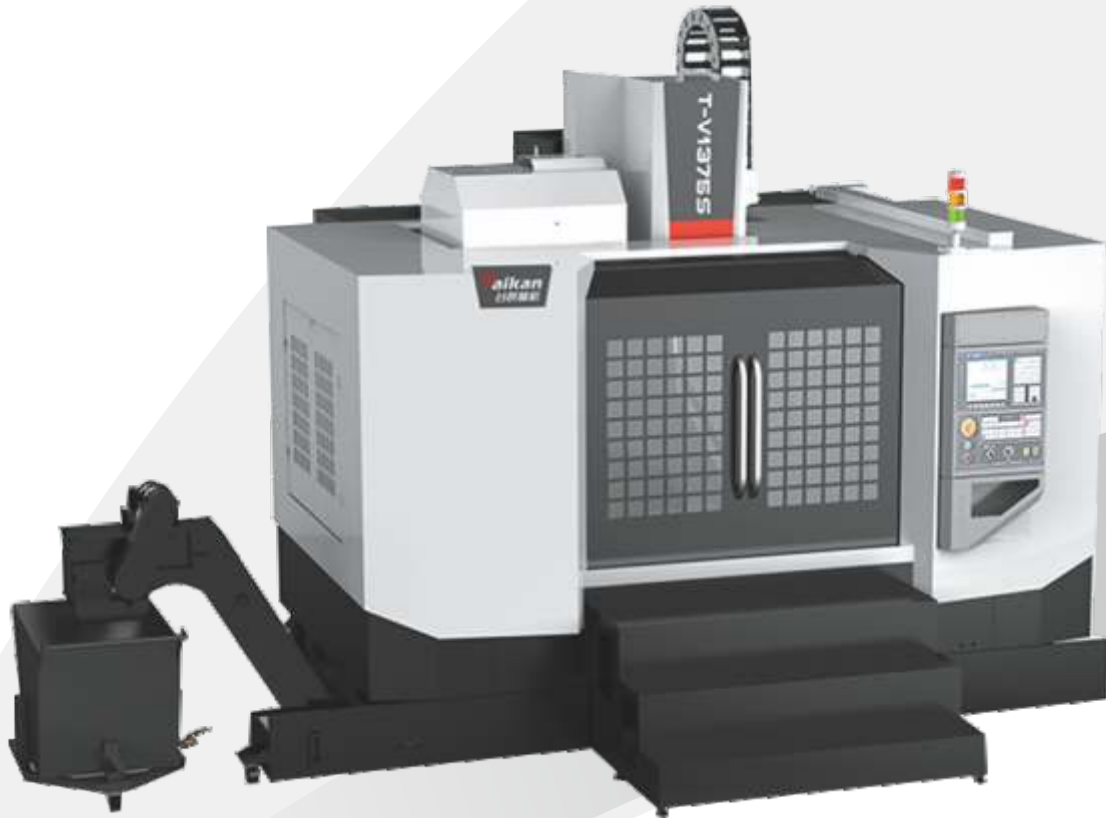
Standard Specification	Unit	VA3	VA4
X/Y/Z/ axis stroke	mm	400x300x250	720x510x460
Table size	mm	840 x 380	850 x 510
Max. load on table	kg	150	800
System		Fanuc	Fanuc
Spindle speed	rpm	200~20,000	100~10,000
Spindle Motor Power	kw	9.0/3.7	11/15
Auto tool Changer (Magazine)	nos	20	20
Spindle Taper		BBT 30	BBT 40
Rapid Feed Rate X/Y/Z	m/min	48/48/48	48/48/48
Width x Depth x Height	mm	1300 x 2270 x 2310	2403 x 2763 x 2618
Weight	kg	3300	5500

Taikan

Five Axis Machining Center



Items	Unit	V200U	V400U
X-axis travel	mm	500	700
Y-axis travel	mm	280	450
Z-axis travel	mm	300	400
B-axis travel	°	+30°~ -120°	+30°~ -120°
C-axis travel	°	360°continuous rotation	360°continuous rotation
Distance from spindle nose to table	mm	100-400	100-500
Maximum processing workpiece size(diameter*height)	mm	Φ260*260	Φ420*400
Work table size	mm	Φ260	Φ420
Spindle taper		HSK 40E	HSK 50E
Spindle speed range	/	0-30000	0-24000
Tool capacity	pcs	30	24



Standard Specification	Unit	T-V856S	T-V1055S	T-V1165S	T-V1375S	T-V1685S
X / Y / Z axis stroke	mm	800x550x600	1000x550x600	1100x650x600	1350x750x650	1650 x 850 x 850
Table size	mm	1000 x 500	1100 x 500	1200 x 600	1400 x 750	1700 x 850
Max. load on table	kg	500	500	800	1250	1600
Spindle speed	rpm	Direct type - 12000 Belt type-10000	Direct type - 12000 Belt type-10000	Direct type - 12000 Belt type-10000	Direct type - 12000 Belt type-6000	Direct type - 12000 Belt type-6000
System		Fanuc / Mitsubishi / Siemens	Fanuc / Mitsubishi / Siemens	Fanuc / Mitsubishi / Siemens	Fanuc / Mitsubishi / Siemens	Fanuc / Mitsubishi / Siemens
Spindle motor power	kw	7.5 / 11	7.5 / 11	7.5 / 11	15 / 18.5	15 / 18.5
Spindle torque	nm	35.8 / 70	35.8 / 70	35.8 / 95.5	143 / 191	143 / 191
Auto tool changer (Magazine)		24	24	24	24	24
Max tool length / weight	mm / kg	250 / 7	250 / 7	250 / 7	350 / 18	350 / 18
Spindle taper		BT40	BT40	BT40	BT40 / BT50	BT40 / BT50
Rapid feed rate X/Y/Z	m/min	48 / 48 / 48	48 / 48 / 48	36 / 36 / 36	30 / 30 / 20	30 / 30 / 20
Power supply	kva	25	25	20	40	40
Width x Depth x Height	mm	2240 x 3121 x 3026	2500 x 3141 x 3026	2700 x 3494 x 3141	3690 x 2860 x 3285	4200 x 3285 x 3650
Weight	kg	4600	4900	6450	11000	11800



Standard Specification	Unit	T-500B	T-500C	T-500-S	T-700B
X / Y / Z axis stroke	mm	500 x 400 x 460 (21T)/450 (26T)	500 x 400 x 320 (21T) / 310 (26T)	520 x 340 x 350 (21T) /340 (26T)	700 x 400 x 340 (21T) / 330 (26T)
Table size	mm	620 x 400	620 x 400	650 x 1000 (Double Side)	800 x 400
Max. load on table	kg	250	250	200 (Single Side)	250
Spindle speed	rpm	20-20000 (24000)	20-20000 (24000)	20- 20000 (24000)	20- 20000 (24000)
System		Fanuc / Mitsubishi / Siemens	Fanuc / Mitsubishi / Siemens	Fanuc / Mitsubishi / Siemens	Fanuc / Mitsubishi / Siemens
T Slot dimension	mm	3-14 x 120	3-14 x 120	3-14 x 100	3-18 x 125
Spindle motor power	kw	3.5 / 5.5	7.5 / 11	3.5 / 5.5	3.5 / 5.5
Spindle torque	nm	14.1 / 21	8.0 / 11.7	14.1 / 21	14.1 / 21
Auto tool changer (Magazine)		21 (26)	21 (26)	21 (26)	21 (26)
Max tool length / weight	mm / kg	200 / 3	200 / 3	200 / 3	200 / 3
Spindle taper		BT30	BT30	BT30	BT30
Rapid feed rate X/Y/Z	m/min	48 / 48 / 48	48 / 48 / 48	36 / 36 / 48	48 / 48 / 48
Power supply	kva	12	12	15	12
Width x Depth x Height	mm	1650 x 2450 x 2500	1700 x 2400 x 2300	3200 x 2090 x 2620	2100 x 2450x 2400
Weight	kg	3100	3050	5200	3150



Item		Unit	DH-63	T-H11	T-H13	H-100
Axis travel	X/Y/Z axis travel	mm	1050/800/1000	1100/600/650	1350 /850 /750	2000 x 1300 x 1200
	Distance from spindle end to worktable center	mm	150-1150	175-825	90-840	350-1550
	Distance from spindle center to worktable top surface	mm	120-920	50-650	50-900	150-1450
	Max workpiece size	mm	1000×1000	1200 x 720	1450 x 950	2000 x 1300
Worktable	Worktable size	mm	630× 630 (2 pieces)	500 x 500	630 x630	1000 x 1250
	Worktable load	kg	1200×2=2400	500	1200	5000
	Minimum setting unit	deg °	0.001	0.001	1	0.001
Spindle	Motor power (rated/maximum)	kw	28/42	7.5 / 11	15/18.5	26/37
	Torque (rated/maximum)	nm	334/630	35.8 /95.5	143 /191	305 /512
	Maximum speed	r/min	10000	50-12000	50-6000	80-8000 /80-10000
	Taper	-	BT50	BT40	BT50	BT50
Tool magazine	Tool magazine capacity	t	50/60/100	24	24	24
	Tool length	mm	500	320	400	500
Speed	Cutting feed speed range	mm/min	1-15000	0-8000	0-10000	0-10000
	X,Y,Z rapid traverse rate	m/min	48/48/48	36 /36/36	20/20/20	24/24/24
System			Fanuc	Fanuc	Fanuc	Fanuc
Power		kw		25	40	85
Width x Depth x Height		mm		3400 x 3000 x 3000	4242 x 3008 x 3340	6880 x 4765 x 3560
Weight		kg		6800	11000	19000



Item	Name	L-V50	L-V65	L-V80
Processing range	Maximum turning diameter(mm)	700	800	950
	Maximum cutting diameter(mm)	550(650)	650(750)	800(900)
	Maximum workpiece height(mm)	600	600	800
	Maximum workpiece weight (kg)	1000	1200	1500
Spindle	Chuck diameter(inch)	15"(Hydraulic chuck)	18"(Hydraulic chuck)	21"(Hydraulic chuck)
	Spindle speed range(r/min)	50~2000	50~2000	20~1300
	Maximum spindle torque(Nm)	720	1200	2000
	Spindle end type	A2-11	A2-11	A2-11
	Spindle centering bearing diameter(mm)	160	160	200
	Main motor power(kw)	S1=18.5,S2=22	S1=22,S2=30	S1=24,S2=30
Tool holder	Turret type	Horizontal (vertical)	Horizontal (vertical)	Horizontal (vertical)
	Workstation	8(6)	8(6)	12(6)
	Driving mode	Hydraulic	Hydraulic	Hydraulic
	Specification of external turning tool holder(mm*mm)	32*32	32*32	32*32
	Diameter of Inner hole tool holder(mm)	Φ50	Φ50	Φ50
Feed	X, Z axis feed railpair	L linear guide rail	L linear guide rail	L linear guide rail
	X,Z axis cutting feed range(mm/min)	0.1~1000	0.1~1000	0.1~1000
	X,Z-axis tool holderfast (m/min)	20/16	20/16	20/16
	Xaxis horizontal stroke(mm)	-50~340	-50~390	-50~465
	Zaxis vertical stroke(mm)	620	620	820
	X,Z axis feed motor torque(Nm)	20/27	20/27	27/36
Other	CNC system	FANUC Oi-TF	FANUC Oi-TF	FANUC Oi-TF
	Total power capacity of machine tool(kva)	45	45	45
	Cooling watertank capacity (L)	240	240	300
	Floor area(length*width)(mm)	2240*3205	2240*3205	2775*3890
	Machine height(mm)	3370	3370	3735
	Machine weight (tons)	9	9	11



	Items	Unit	G-V(G-R)1520/1530/1540 A1/B2/C3/Z4	G-V(G-R)3040/3050/3060 A/B/C/Z
Range of processing	Worktable travel(X axis)	mm	2200/3200/4200	4200/5200/6200
	Saddle travel(Y axis)	mm	A/B/C:2200; Z(Pentahedron) :2700	A/B/C:3700; Z(Pentahedron):4200
	Ram travel (Z axis)	mm	Standard: 1000; Opt: 1250	Standard: 1000; Opt: 1250
	Distance from spindle end to work table	mm	250-1250; Opt 250-1500	250-1250;Opt 250-1500
	Distance between column	mm	1950	3450
Worktable	Worktable width	mm	1500	3000
	Worktable length	mm	2000/3000/4000	4000/5000/6000
	Load capacity	t	6/10/13	24/28/32
	Width of T-slot	mm	28	28
Spindle	Spindle taper hole	/	A/B/Z:BT50; C:Standard BBT40, Opt HSK-100A,BT50	A/B/Z: BT50; C:Standard BT50, Opt HSK-100A, BBT40
	Spindle motor power (rated/maximum)	kw	A,B:15/18.5; C:Standard 15/26, Opt 22/37,15/26; 2:15/25	A,B,Z:22/35; C:Standard 26/45, Opt 22/37, 15/26
	Speed range		A: Standard 6000, Opt 4000; B/Z:6000; (G-R series: Zaxis Standard 5000, Opt 4000); C: Standard 100-15000, Opt 100-12000, 80-10000	A:Standard 6000, Opt 4000; B/Z:6000; (G-R series: Zaxis Standard 5000, Opt 4000); C: Standard 80-10000, Opt 100-12000,100-15000
	Output torque (rated / maximum)	r/min	A: Standard 190/314; Opt 286/472; B: 807/1331; C: Standard 45.7/125; Opt 159/326; 305/623; Z: 539/897	A:Standard 186/297,Opt 280/446; B,Z: 790/1258; C:Standard 305/623; Opt 159/326; 45.7/125
	Ram section	nm	420x420(G-Rseries Zaxis Standard 400 x 400, Opt 450 x 450)	420x420(G-R series Zaxis Opt 400 x 400, Opt 450 x 450)
Guide rail	X axis/Y axis /Z axis	mm	2-45Roller/2-55Roller/G-Vseries: 2-55Roller+2-45Roller	4-45Roller/2-55Roller/G-Vseries: 2-55Roller +2-45Roller G-Rseries: fully enclosed sliding
Drive	Motor power	kw	G-R series: fully enclosed sliding	6/4/7; X axis travel > 5200h 9/4/7 24(40)
Tool	Tool magazine capacity		24(40)	Φ110/350/15
	Maximum tool diameter	mm/mm/kg	Φ110/350/15	Φ200
	Maximum tool diameter	mm	Φ200	8/8/8,X axis travel 5200h 6/6/6
Speed	Speed of cutting feed	m/min	10/10/10; X axis travel 4200h 8/8/8	
	Rapid Speed of X/Y/Z axis	m/min	15/15/15; X axis travel 4200h 10/15/15	A,B,C:10/12/15; Z:10/10/15
Precision of Machine Tools	Positioning accuracy (X/Y/Z). (full itinerary)	no-raster	0.026(0.030,0.036)/0.026 (7:0.027)/0.02	0.036(0.040,0.045)/0.032(2:0.036)/0.020
		raster	0.021 (0.025,0.031)/0.021 (2:0.023)/0.16	0.031 (0.036,0.041)/0.028(Z:0.031)/0.016
	Repetitive positioning accuracy (X/Y/Z). (full itinerary)	no-raster	0.016(0.019,0.022)/0.016/0.013	0.022(0.025,0.028)/0.019(Z:0.022)/0.013
		raster	0.014(0.017,0.020)/0.014/0.012	0.020(0.023,0.025)/0.017 (2:0.020)/0.012
Others	Z axis counter weight		Nitrogen balance	Nitrogen balance
	CNC System		A,B,C: FANUC OHMF(5)/B motor, Opt FANUC OHMF(1)/a motor; Z: FANUC OHMF(1)/a motor	FANUC 01-MF(1)/a motor
	Total weight of machine tool	kva	50	70
	Machine size (length*width*height)	mm	A,B,C: 6406(7676,10241)*5576*5200(5900) Z: 7676(10239)*6134*5200(Z axis Opt5900)	10238(12348,14650)*6674(2:7771)*5200 (Zaxis Opt 5900)
	Mainframe weight(About)	ton	21/24/27(Z series adds 1.5 tons	42/47.5/53(Z series adds 2 tons)



SPECIFICATION		Unit	Supercut 5 XL	Supercut 8 N	Supercut 10*	Supercut 12*	Supercut 20
Capacity	Chuck size	mm	165	210	250	300/530**/610 (O)	1000
	Std turning diameter	mm	150	250	250/400*	400/700**	1000/1500
	Max length between center	mm	230	400/600	600	1000	2500/3000/5000#
	Swing over way covers	mm	350	45	450	750/900**	1700
	Slant angle to horizontal	mm	35	35	35	35	35
	Max. Bar work size	mm	32	42/52 (O)	60	80	160 /355
Spindle	Spindle nose	type	A2-5	A2-6	A2-6/A2-8	A2-8/A2-11**	A2-15/A2-20
	Hole through spindle	mm	45	55	75	90	180/355
	Spindle speed range	rpm	40-4000	40-4000	3500/3000	3000/2000	800/500
	Spindle motor power	kw	5.5/7.5	7.5/11	11/15/18.5/22	18.5/22/22/26**	22/30/35/58
Axes	X-axis stroke	mm	80	170	170/230*	170/350*	600
	Z-axis stroke	mm	230	400/600	600	1000	3000/5000
	Rapid rate X/Z	mm/min	15,000	20,000	20,000	20,000/12000	10,000/4000
Turret & Tooling's	Number of stations	—	8	8	8	8	4/8
	Turning tool size	mm	20 x 20	25 x 25	25 x 25	25 x 25	40 x 40
	Boring bar size	mm	Ø32	Ø40	Ø40	Ø40	Ø50/Ø60
Tail Stock	Quill size	mm	70	80	85	85	250
	Quill stroke	mm	70	100	100	100	150
	Tailstock centre	mt	MT-3	MT-4	MT-5/MT-4 (Opt.)	MT-5	METRIC
Machines Dimensions	L x W x H (approx)	mm	2000 x 1300 x 1700	2500 x 1500 x 1700	3175 x 1800 x 1650	3500 x 2100 x 1650	7M/5M-3200 x 2500
	Weight (approx)	kg	2100	2900	3600	4500	14000/18000
CNC System		—	Fanuc / Siemens				



Technical Specification	Unit	FIG -50 CNC	FIG 200 CNC
Max bore grinding dia	mm	50	250
Chuck size	mm	220	500
Wheel spindle speed (belt Driven)	rpm	15000/20000	15000/20000
Wheel spindle speed (HF Driven)	rpm	24k / 45k / 60k / 75k	24k / 45k / 60k / 75k
Cutting speed	m/sec	45	45
Axis stroke (X/Z)	mm	150 / 300	600 / 500
Rapid traverse rate (X/Z)	mm /min	10000	10000
Width x Depth -Basic Machine	mm/min	2400 x 1600	3000 x 2100
Weight of the machine	kg	3000	4500



External CNC Grinder (Cylindrical)

Technical Specification	Unit	AWH /SWH	AWH / SWH 1000	AWH / SWH 1500
Max grinding outer dia / length	mm	150/400	200 / 1000	250 / 1500
Admit between center	mm	450	1100	1600
Wheel spindle speed	rpm	2500	2000	2000
Work head and tailstock center	mt	MT-5 or 6	MT-5 or 6	MT-6
Mm	mm	500 x 80	600 x 80	600 x 80 (750 Optional)
Rapid stroke (X/Z)	mm	400 x 450	400 x 1200	500 / 1600
Rapid X/Z axis	mm /min	10000	10000	10000
Width x Depth -Basic machine	mm/min	3500 x 1900	5000 x 3000	6000 x 3000
Weight of the machine	kg	4000	6500	8000



Standard Specification	Unit	CK632 LM	CK640 LM / Slant	CK6100LM / Slant	RT35 / RT45
System		HR808	HR808	HR808	HR808
Chuck	inch	5	6	8	6 / 8
Swing over bed	mm	400	400	450 / 400	460
Axis travel X	mm	540	500 / 650	500/650	420
Max. machining dia	mm	135	165 / 150	240 / 150	250
Max machining length	mm	180	210 / 280	300 / 280	210
Barstock	mm	30	32	42	32 / 42
Spindle nose	-	A2-4	A2-5	A2-6	A2-5/ A2-6
Spindle speed	rpm	4500	2800 / 3000	2500	3500 / 3000
Spindle power	kw	3.7	5.5	7.5	5.5 / 7.5
Number of station	-	Flat Linear	Flat Linear / Slant	Flat Linear / Slant	8 Station - Electro mechanical
OD tool shank	mm	20x20	25x25	25x25	20x20 / 25x25
ID boring dia	mm	32	32	40	32/ 40
Rapid traverse rate X/Z	m/min	24	20	20	20
Max.live tool speed	rpm		5000(0)	5000(0)	
Live tool motor power	kw	-	1.4	1.4	-
Tailstock		-	-	-	-
Width x Depth x Height	mm	1800x1700x1400	1900x1200x1600	1900x1200x1600	2250 x2000x1600
Weight	kg	1500	1500 / 2000	1800 / 2100	2100/2300



Specifications	Unit	RT 165-4	RT 200-5
Swing Over Bed	mm	Ø330	Ø480
Maximum Cutting Dia.	mm	Ø230	Ø270
Maximum Cutting Length	mm	400	500
Chuck Size	mm	165	200
X Axis Travel	mm	240	270
Z Axis Travel	mm	410	550
Spindle Nose	mm	A2-5	A2-6
Bar Capacity	mm	40	50
Spindle Speed	rpm	3000	3000
Spindle Motor Power	kw	7.5 Servo	11 Servo
Rapid Feed X/Z	m/min	20/20	20/20
Ball Screw Size X	mm	32/10	32/10
Ball Screw Size Z	mm	32/10	32/10
Linear Roller Guideways X/Z	mm	30/30	30/30
Axis Torque X/Z	N.m	10/10	10/10
Turret Indexing	type	Servo Hydraulic(Taiwan)	Servo Hydraulic(Taiwan)
Number Of Stations	nos.	8	8
Tool Shank Size	type	20 x 20	25X25
Max. Boring Block	mm	32	40
Quill Taper	type	MT-4	MT-4
Tailstock Stroke	mm	240	340
Position Accuracy	mm	0.005	0.005
Repeatability	mm	0.003	0.003
Total Machine Power	hp	15	20
Overall Dimension (L x W x H)	mm	2200×1800×1900	2600X1600X1900
Machine Weight (Approx)	kg	2000	2500

Item	Unit	RT 200-5Y	RT 165-5Y
Max. swing diam. over bed	mm	660	660
Max. swing diam. over carriage	mm	340	340
Maximum processing workpiece length	mm	400	400
Draw bar diameter	mm	52	52
power chuck specifications	mm	200	165
Type of spindle nose		A2-6	A2-5
Spindle disc brake torque	N.m	78 disc/oil pressure 3MPa	78 disc/oil pressure 3MPa
Spindle speed	r/min	0-4500	0-4500
Speed of axis A	r/min	0-5000	0-5000
X axis travel (Dia meter)	mm	420	420
Z axis travel	mm	450	450
Y axis travel	mm	100	100
X/Z/Y axis rapid movement speed	mm/min	24000/24000/24000	24000/24000/24000
X/Z/A/Y axis ball screw pitch	mm	11.5/11.5/11.5/11.5	11.5/11.5/11.5/11.5
X/Z-axis guide rail specification	mm	35/45	35/45
X/Z shaft wire rod specifications	mm	32*10/40*10	32*10/40*10
X/Z axis repeated positioning accuracy	mm	±0.0025	±0.0025
Minimum set unit of the X/Z axis	mm	0.0001	0.0001
Turret specifications	mm	25+25+32	25+25+32
Power head specifications		ER25	ER25
Turret specifications		BMT45-15Y	BMT45-15Y
Tail seat form		Heavy-load roller guide rail double hydraulic tail top	Heavy-load roller guide rail double hydraulic tail top
Tail seat model Mohs	mohs	5#	5#
Control system	SYNTEC 22TB	M 3 Communication	M 3 Communication
Servo main motor power	KW	11	11
Machine dimension	mm	2700x1850x2000	2700x1850x2000
The machine gross weight	kg	4300	4300



SPECIFICATION	UNIT	RTV 855 C	RTV 1160 C	RTV 1375 C	RTV 1580 C	RTV 1890 C
Work Table Size (L x W)	mm	1000x550	1200x600	1300x700	1600x800	2000x900
X/Y/Z Axis Travel	mm	800/550/550	1100/600/600	1300/750/650	1500/800/700	1800/900/720
Distance From Table Top to Spindle End	mm	120-670	120-720	120/720	155-855	115-835
Distance From Spindle Center to Column	mm	590	650	835	855	950
Max. Weight Carrying Capacity	kg	600	800	900	1500	1600
Workbench T-Slot	N-H-W	5-18x90	5-18x100	7-18x100	5-18x100	5-22x165
X/Y/Z Axis Rapid Feed	m/min	24/24/20	24/24/20	24/24/20	24/24/20	20/20/15
Max Cutting Feed Rate	m/min	10	10	10	10	10
X/Y/Z Roller Guide Rail Width Size	mm	RGH 35/45/45	RGH 45/45/45	RGH 45/55/45	RGH 45/45/45	RGH 55/45/BOX
No of LM Blocks X/Y/Z	pcs	4x4x6	6x4x6	4x4x6	6x4x6	6x4x4
X/Y/Z Ball Screw C3 Class (Dia.x Pitch)	mm	Φ40x16	Φ40x12	Φ40x12	Φ40x12	-
Positioning Accuracy	mm	± 0.005	±0.005	± 0.005	± 0.008	± 0.005
Repeatability	mm	±0.003) / 300	±0.003) / 300	± 0.003/300	± 0.006/300	± 0.005/300
Minimum Positioning Unit	mm	±0.001	±0.001	± 0.001	±0.001	±0.001
Spindle Max. Speed	rpm	8000 (Ring Coolant)	8000 (Ring Coolant)	8000 (Ring Coolant)	6000 (Ring Coolant)	6000 (Ring Coolant)
Spindle End Taper	mm	BT 40	BT 40	BT 40	BT 50	BT 50-190
ATC Type		Arm Type	Arm Type	Arm Type	Arm Type	Arm Type
No of Tools	pcs	24	24	24	24	24
Tool Change Time	sec	1.8/4	1.8/4	1.8/4	1.8/4	1.8/4
Control System		Syntec 22MA	Syntec 22MA	Syntec 22MA	Syntec 22MA	Syntec 22MA
X/Y/Z Axis Motor Power	nm	15/15/28	18/18/28	18/18/28	35/35/35	35/35/35
Spindle Motor Power (Conti/30 Min)	kw	11/15	11/15	11/15	15/18.5	18.5/22.5
Machine Weight	kg	5200	6500	7500	12000	15000
Dimensions	mm	2600x2300x2650	2700x2600x2650	3700x2900x3300	4000x3100x3300	4300x3100x3300



SPECIFICATION	UNIT	RTV 540 D	RTV 650 D	RTV 665 D
X/Y/Z Axis Travel	mm	500/400/200	665/650/300	665/650/300
Distance From Table Top to Spindle End	mm	150-350	150-450	150-500
Distance Between Column	mm	Width Through gantry: 450	Width Through gantry: 550	Width Through gantry: 670
Table Size (Length x Width)	mm	500x400	600x500	665x665
Max. Workbench Load Weight	kg	200	250	450
T-Slot Dimensions (number x size x space)		4-15x105	5-16x105	5-16x105
X/Y/Z Axis Fast Movement	m/min	30/30/25	30/30/25	30/30/25
Max. Cutting Feed Rate	mm/min	10000	10000	10000
Spindle Speed	rpm	5000	6000	6000
Spindle end Specifications		BT-30	BT-40	BT-40
X/Y/Z Axis Motor Power	kw	1.2/1.2/1.2	1.5/1.5/2.6	0.85/0.85/1.3
Spindle Motor Power (30 Min)	kw	3	5.5	7.5
Turret Type		Bamboo hat	Bamboo hat	Bamboo hat
Tool Storage Capacity	item	6	10	14
Max. Tool Dia.	mm	50	63	80
Max. Tool Length	mm	100	100	150
Max. Tool Weight	kg	3	8	8
Tool Change Time (TT)	sec	4	4	4
Roller Linear Guide Dimensions X/Y/Z	mm	26/26/26	30/30/30	30/30/30
Linear Guide Slider XYZ	item	4	4	4
Screw Diameter X/Y/Z (C3 Grade)	mm	Φ25/Φ25/Φ25	Φ30/Φ30/Φ30	Φ32/Φ32/Φ32
Position Accuracy (JIS 6336-2)	mm	±0.005/300	±0.005/300	±0.005/300
Repeatability (JIS 6336-2)	mm	±0.003/300	±0.003/300	±0.003/300
Electricity Demand	KVA	9	12	12
Required Air Pressure	kg/cm2	6	6	6
Machine Weight	kg	1900	2900	3200
Machine Size (L x W x H)	mm	1450x1450x2050	1800x1800x2550	2000x2000x2350
Control System		LNC	LNC	LNC



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