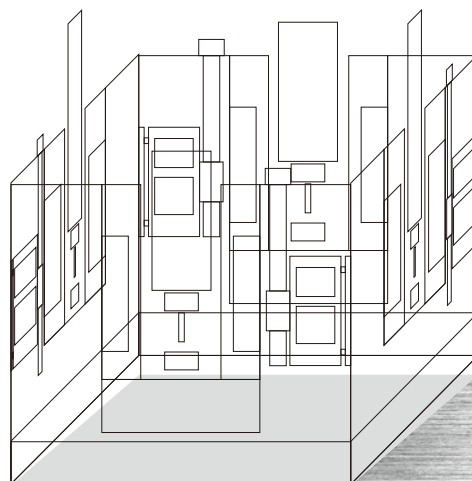




General Catalogue



VERTICAL MACHINING CENTER

Model	600	860	1160(1170)	1100	1250(1350)	1400(1500/1670)
Table Size (mm)	650x500	910x560	1160x600(700)	1100x560	1350x600	1500x600(1700x700)
X/Y/Z Travel(mm)	610/500/500	860/600/600	1100/600/600 (1150/700/650)	1100/600/600	1250(1350)/700/600	1400(1500/1600)/700/600
Spindle (RPM)	ISO-40: 10000/12000/15000	ISO-40:8000/10000/12000/15000 ISO-50:6000/8000/10000		ISO-40:8000/10000/12000/15000 ISO-50:6000/8000/10000		
ATC (T)	ISO-40:24/30	ISO-40:24/30/36 ISO-50:20/24	ISO-40:24/30/40 ISO-50:20/24	ISO-40:24/30/36 ISO-50:20/24	ISO-40:24/30/40 ISO-50:20/24	
Rapid Feed Rate (M/min)	36/36/36	30/30/24(36/36/30,48/48/48)		30/30/24(36/36/30,48/48/48)	24/24/24(30/30/24)	
Guide way	Roller Type Linear Guides					



Model	1600(1676)	1800(1876)	2000(2076)
Table Size (mm)	1700x1000(760)	1900x1000(760)	2100x1000(760)
X/Y/Z Travel(mm)	1600/1000/800 (1600/760/720)	1800/1000/800 (1800/760/720)	2000/1000/800 (2000/760/720)
Spindle (RPM)	ISO-50:6000/8000/10000 ISO-40:8000/10000/12000/15000		
ATC (T)	ISO-50:24/32/40 (ISO-40:24/30) ISO-40:24/30(ISO-50:20/24)		
Rapid Feed Rate (M/min)	20/20/15(24/24/20)		
Guide way	Roller Type Linear Guides		



Model	1171	1371	1471	1590	1790	2090
Table Size (mm)	1300(1500/1600)x700			1700(2000/2200)x850		
X/Y/Z Travel(mm)	1100(1300/1400)/710/610			1500(1700/2000)/900/850		
Spindle (RPM)	ISO-40:8000 ISO-50:6000					
ATC (T)	ISO-40:20/24 ISO-50:24/32					
Rapid Feed Rate (M/min)	20/20/16			16/16/12		
Guide way	Box Ways					



High Performance Machining Center (3+5 Axis)

Model	FUV-170T	FUV-190T	FUV-210T
Table Size (mm)	700x500	900x500	1100x500
X/Y/Z Travel(mm)	1700x540x460	1900x540x460	2100x540x460
Spindle (RPM)	ISO40:12000/15000/18000		
ATC (T)	ISO40:24x2/32x2/40x2		
Rapid Feed Rate (M/min)	30/30/30		30/30/28
Guide way	Roller Type Linear Guide		



DRILLING TAPPING CENTER PRODUCTION CENTER

Model	550	750	850	1000
Table Size (mm)	600x510	800x510	900x510	1050x510
X/Y/Z Travel(mm)	510/520/500	700/520/500	850/520/500	1000/520/500
Spindle (RPM)	ISO-30:12000/15000/20000/24000 ISO-40:10000/12000/15000			
ATC (T)	ISO-30:21 ISO-40:24/30			
Rapid Feed Rate (M/min)	48/48/48(60/60/60)			
Guide way	Roller Type Linear Guides			



VERTICAL MACHINING CENTER WITH APC

	600APC	860APC	1100APC
Table Size (mm)	660x500	850x500	1000x500
X/Y/Z Travel(mm)	610/480/500	860/560/600	1100/560/600
Spindle (RPM)	ISO-40: 10000/12000/15000	ISO-40:8000/10000/12000/15000 ISO-50:6000/8000/10000	
ATC (T)	ISO-40:24/30	ISO-40:24/30/36	ISO-50:20/24
Rapid Feed Rate (M/min)	36/36/36	36/36/30(48/48/36)	30/30/24(36/36/30)
Guide way	Roller Type Linear Guides		



FIVE AXES MACHINING CENTER

Model	410	500
Table Size (mm)	Ø410	Ø 500
X/Y/Z Travel(mm)	560/500/450	560/480/450
Spindle (RPM)	ISO-40:8000/10000/12000/15000	
ATC (T)	ISO-40:30/40	
Rapid Feed Rate (M/min)	36/36/36(48/48/48)	
Guide way	Roller Type Linear Guides	



HORIZONTAL MACHINING CENTER

Model	400	500	630	800
Table Size (mm)	400x400(2 Pallets)	500x500(2 Pallets)	630x630(2 Pallets)	800x800(2 Pallets)
X/Y/Z Travel(mm)	610x510x680	610x510x680	1000/850/900	1000x850x750
Spindle (RPM)	ISO-40:10000/12000		ISO-50:6000/8000/1000	
ATC (T)	ISO-40:40/90	ISO-40:40/90	ISO-50:60/90	ISO-50:60/80
Rapid Feed Rate (M/min)	32/32/32	32/32/32	36/36/36	20/20/20
Guide way	Roller Type Linear guides			



5 AXES MOVING COLUMN RAM TYPE MACHINING CENTER

Model	FUV-650	FUV-720
Table Size (mm)	Φ650	Φ720
X/Y/Z Travel(mm)	620/520/460	720/600/520
Spindle (RPM)	ISO-40 :12000(15000/18000/20000/24000)	
ATC (T)	ISO-40:32 (48/54/60/120/204)	
Rapid Feed Rate (M/min)	48/48/48	
Guide way	Roller Type Linear Guides	



5 AXES GANTRY TYPE MACHINING CENTER (SIMULTANEOUS)

Model	FUV-800
Table Size (mm)	Φ800
X/Y/Z Travel(mm)	800/920/650
Spindle (RPM)	ISO-40(HSK-A63):32 (40/60/64/80/120) ISO-50(HSK-A100): 32 (40/60)
ATC (T)	ISO-40(HSK-A63), ISO-50(HSK-A100): 32 (40/60)
Rapid Feed Rate (M/min)	36/36/36 (48/48/48)
Guide way	Roller Type Linear Guides

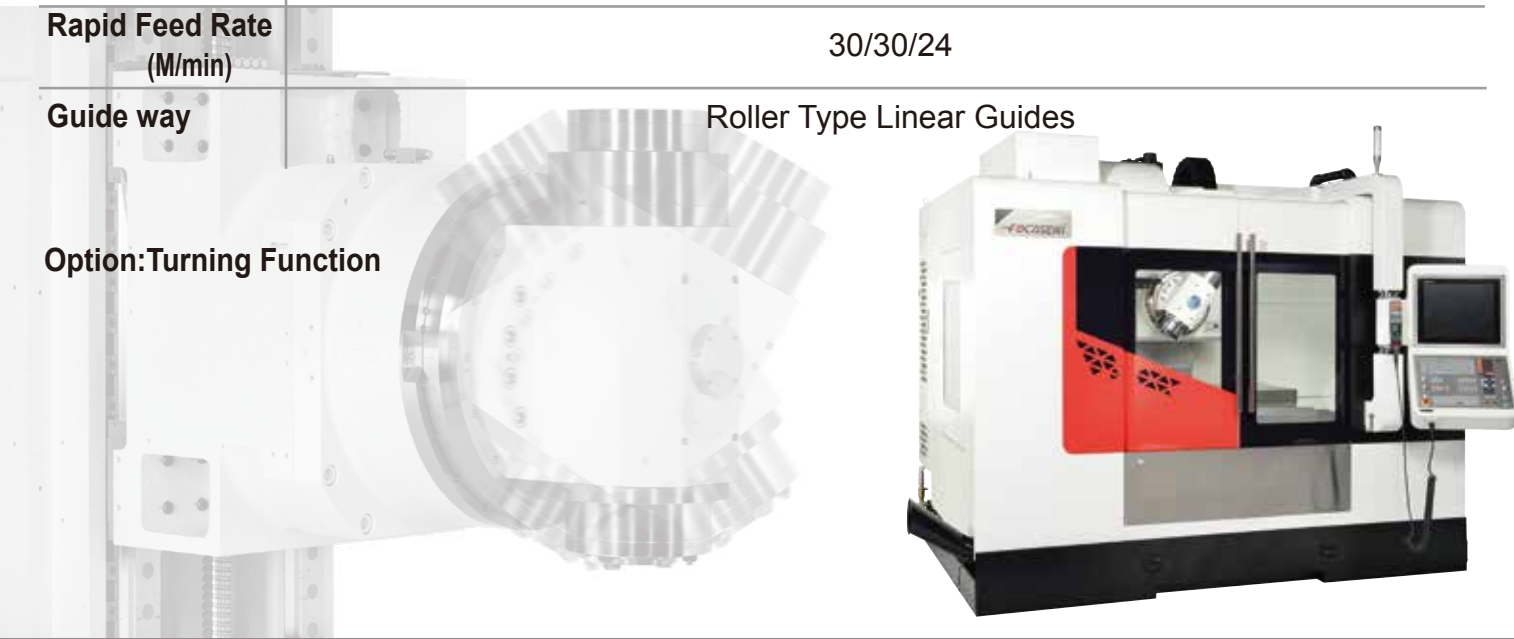




5 AXES SWIVEL HEAD WITH C AXIS (SIMULTANEOUS)

Model	FSV-400	FSV-500	FSV-600	FSV-700
Table Size (mm)	1100x560 (C axis Φ400)	1100x500 (C axis Φ400)	1350x600 (C axis Φ600)	1350x700 (C axis Φ600)
X/Y/Z Travel(mm)	1100/600/535		1100/700/535	
Spindle (RPM)	ISO-40 (HSK-A63) :12000(15000)			
ATC (T)	ISO-40 (HSK-A63): 24(30/36)			
Rapid Feed Rate (M/min)	30/30/24			
Guide way	Roller Type Linear Guides			

Option:Turning Function



Double Column Machine

14 series

Model	1417	1422	1432	1442
Table size (mm)	1700x1200	2200x1200	3200x1200	4200x1200
Travel ranges(X*Y*Z mm)	1700x1400x900	2200x1400x900	3200x1400x900	4200x1400x900
Spindle(RPM)	ISO-50 ; 8000(GEAR)			
ATC(T)	ISO50 ; 24/32			
Rapid feed rate (X/Y/Z m/min)	20/20/20	16/20/20	16/20/20	12/20/20
Guide way	Roller Type Linear Guides			

17 series

Model	1722	1732	1742
Table size (mm)	2200x1500	3200x1500	4200x1500
Travel ranges(X*Y*Z mm)	2200x1700x900	3200x1700x900	4200x1700x900
Spindle(RPM)	ISO-50 ; 8000(GEAR)		
ATC(T)	ISO50 ; 24/32		
Rapid feed rate (X/Y/Z m/min)	16/16/20	16/16/20	12/16/20
Guide way	Roller Type Linear Guides		

19 series

Model	1922	1932	1942
Table size (mm)	2200x1700	3200x1700	4200x1700
Travel ranges(X*Y*Z mm)	2200x1900x900	3200x1900x900	4200x1900x900
Spindle(RPM)	ISO50: 8000rpm(GEAR)		
ATC(T)	ISO50: 24/32		
Rapid feed rate (X/Y/Z m/min)	12/16/20	12/16/20	10/16/20
Guide way	Roller Type Linear Guide		

21 series

Model	2122	2132	2142
Table size (mm)	2200x1700	3200x1700	4200x1700
Travel ranges(X*Y*Z mm)	2200x2100x900	3200x2100x900	4200x2100x900
Spindle(RPM)	ISO50: 8000rpm(GEAR)		
ATC(T)	ISO50: 24/32		
Rapid feed rate (X/Y/Z m/min)	12/16/20	12/16/20	10/16/20
Guide way	Roller Type Linear Guide		



Multi-Function 3+2 4+1 Simultaneous 5Axis Machining Center

Model	FUV-170	FUV-200	FUV-250	FUV-320	FUV-400	FUV-500
Table Size (mm)	Ø170	Ø200	Ø255	Ø320	Ø400	Ø500
X/Y/Z Travel(mm)	360x470x515	360x450x495	360x440x515	460x500x500	460x500x500	600x700x500
Spindle(Direct type)	ISO 40:12000/15000			ISO 40: 10000/12000/15000		
Spindle(Built-in type)	ISO 40: 15000/18000/24000			Roller Type Linear Guide		
ATC	ISO 40: 24/30/36					ISO 40: 24/30/40
Rapid Feed Rate (M/min)	36/36/36			36/36/30		
Guide way						



HIGH EFFICIENCY, RELIABLE

Model	DT-750	AT-750
Table Size (mm)	Ø170 mm rotary table x2	650x405mm x2
X/Y/Z Travel(mm)	700x400x400	700x400x500
Spindle (RPM)	ISO40(ISO30)	
ATC (T)	ARM TYPE 24/30/40	
Rapid Feed Rate (M/min)	48/48/48(60)	
Guide way	Roller Type Linear Guide	





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