

Model		unit	ABM-110 20 IS/RS	ABM-110 20/25/32 RT	ABM-110 20/25/32/42 R	ABM-130 20/25/32/42 RT	ABM-130 32/42 R	ABM-130 32/42/52/62 RL	ABM-150 32/42/52/62 RL	ABM-110 22/26/32/42 T	ABM-110 22/26/32/42	ABM-130 52/62	
			Fixed Column	Moveable Column	Moveable Column	Moveable Column	Moveable Column	Moveable Column	Moveable Column	Moveable Column	Moveable Column	Moveable Column	
Table	Table Size	mm	1250x1250x360° (opt. 0.001°)	1600x1400x0.001°	1400x1600x0.001°	1600x1400x0.001°	1800x2000x0.001°	2200x2500x0.001° (opt. 2500x3000x0.001°)		2000/2400/3000/4000x1400	2000/2400/3000/4000x1400	5000/6000x2500	
	T-Slot Size	mm	22x7	24x7	24x7	24x7	28x9	28x11 (opt. 28x13)		22	22	28	
	Maximum Load	kg	5000	8000	8000	8000	15,000 (opt. 20,000)	30,000 (opt. 40,000)		12,000/15,000/20,000/25,000		40,000/50,000	
Travel	X-Axis	mm	2000	2000/2500/3200	2000/2500/3200/4200	2500/2500/3200/4200	3200/4200	3200/4200/5200/6200		2200/2600/3200/4200			
	Y-Axis	mm	1500 (opt. 1800)	1800	2000 (opt. 2500)	2000 (opt. 2500, 3000)	2500 (opt. 2000, 3000)	2500 (opt. 3000)		1600 (opt. 1900)	2000 (opt. 2500)	2500 (opt. 3000)	
	Z-Axis	mm	1400	1700	1700	2000 (opt. 2500)	2000 (opt. 2500)	2000 (opt. 2500)		1700	1700	2000 (opt. 2500)	
	W-Axis	mm	400 (opt. 500)	500	550	700 (opt. 900)	700 (opt. 900)	900		500	550	700 (opt. 900)	
Spindle	Diameter	mm	110	110	110	130	130	130	150	110	110	130	
	Speed	RPM	10 - 2500 (opt. 3000)			10 - 2500	10 - 2000 (opt. 2500)	10 - 2000 (opt. 2500)	10 - 2000 (opt. 2500)	10 - 1500 (opt. 2000)	10 - 2500 (opt. 3000)	10 - 2500	10 - 2000 (opt. 2500)
	Taper		7/24 taper ISO.50, BT 50										
Travels	Spindle Center to Table	mm	0 - 1500 (opt. 1800)	0 - 1800	0 - 2000 (opt. 2500)	0 - 2000 (opt. 2500, 3000)	0 - 2500 (opt. 2000,3000)	0 - 2500 (opt. 3000)		0 - 1600 (opt. 1900)	0 - 2000 (opt. 2500)	0 - 2500 (opt. 3000)	
	Spindle Nose to Table Center	mm	60-1860 (opt. -40 - 1860)	0 - 2200	0 - 2250	-150 - 2250	50 - 2750	-50 - 2850 (opt. 3350) {50 - 2950 [3450]}		-50 - 2150	-100 - 2150	200 - 2900 (opt. 0 - 2900)	
	Height From Ground to Table Surface	mm	1350	1250	1250	1250	1420	1420	1420	1180	1180	1420	
Feed Rate	Rapid Feed Rate X/Y/Z	M/min	12	10	10	10	10	8/10/10 (opt. 6/10/10)		10	10	8/10/10	
	Rapid Feed Rate W	M/min	10	10	10	6	6	6	6	10	10	6	
	Minimum Setting	mm/min	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	
	Cutting Feed Rate	mm/min	1 - 5000	1 - 5000	1 - 5000	1 - 5000	1 - 5000	1 - 5000	1 - 5000	1 - 5000	1 - 5000	1 - 5000	
Motor	Spindle Servo Motor, Continuous/30 min	kw	15/18.5 (22/26)				22/26 (30/37)				15/18.5 (22/26)		
	Axis X/Y/Z/W/B	kw	4/4/4/4/4(w/ B-Axis 7)	7/4/4/4/7	7/7/7/4/7	7/7/7/4/7	9/7/9/4/7	9/7/9/4/9		7/4/4/4	7/7/7/4	9/7/9/4	
	Lubricator Motor	kw	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	
	Hydraulic Pump	kw	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	
	Coolant Pump	kw	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17	
	Chip Conveyor	kw	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
ATC	Oil Cooler Pump	kw	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	
	Tool Capacity	pcs	40 (opt. 60)	40 (opt. 60)	40 (opt.60)	40 (opt.60)	40 (opt. 60)	40 (opt. 60)	40 (opt.60)	40 (opt. 60)	40 (opt. 60)	40 (opt. 60)	
	Tool Selection		Absolute	Absolute	Absolute	Absolute	Absolute	Absolute	Absolute	Absolute	Absolute	Absolute	
	Tool Change Time	sec	15	15	15	15	15	15	15	15	15	15	
	Max. Tool Diameter / Length	mm	125 (Next Empty=250) / 400										
Coolant & Lubrication	Max. Tool Weight	kg	25	25	25	25	25	25	25	25	25	25	
	Coolant Tank Volume	L	400	400	400	400	400	400	400	400	400	400	
	Hydraulic Tank Volume	L	80	80	80	80	80	80	80	80	80	80	
Miscellaneous	Lubrication Tank Volume	L	8	8	8	8	8	8	8	8	8	8	
	Power Required	KVA	45	55	55	55	55	65	65	55	55	55	
Standard Equipment	Supply Air Pressure	kg/cm²	6	6	6	6	6	6	6	6	6	6	
	Controller: Fanuc Oi MD												
	Linear Scales on X/Y/Z												
	Spindle Oil Cooler												
	Auto. Power Off												
	Hydraulic System		Standard on All Models										
	Coolant System												
	Lubricator System												
	Alarm Lamp												
Work Lamp													
Optional Accessories	RS232 Interface												
	ATC Capacity: 60, 90												
	Oil Mist Device												
	Controllers: Fanuc, Siemens, Heidenhein												
	A/C for Electrical Cabinet												
	Extension Sleeve												
	Coolant Through Spindle (CTTS)		Call For Availability on Your Model										
	Additional Table Weight Capacity												
	90° Milling Head												
Face Milling Head													
Spindle Motor 30/37 kw													
ZF-300 Gearbox													