

	Model	Unit	AV-510B	AV-610B	AV-850B	AV-1000B	AV-1100B	AV-1300B	AV-1600B	AV-2000B	AV-2200B	
Travel	X-Axis	mm	510	610	850	1020	1100	1600	1600	2000	2200	
	Y-Axis	mm	410	460	510	510	700	700	800	900	1000	
	Z-Axis	mm	460	510	560	560	610	710	800	800	800	
	X/Y/Z Ballscrews	mm	C3 32	C3 40					C3 50			
	Spindle Nose to Table Surface	mm	130-590	130-640	140-700		130-740	130-840	200-1000		250-1050	
Table	Table Size	mm	600x370	800x450	1000x500	1200x500	1300x650	1500x650	1800x840	2200x850	2400x1000	
	T-Slot (Size/Quan./Spacing)	mm	14 / 3 / 100	18 / 3 / 100	18 / 5 / 100				22 / 5 / 150		22 / 7 / 150	
	Max. Table Load	kg	300	400	500		1000		2200	2500	3000	
Spindle	Speed	RPM	8000 (opt. 10K - 24K)			8000 (opt. 10K-15K)						
	Taper		BT 40 / DIN 40 / CAT 40									
	Drive System		Belt Drive									
Feed Rates	Rapid Feed Rate X/Y/Z Axes	M/min	24 / 24 / 16				24 / 24 / 15		15 / 15 / 12			
	Cutting Feed Rate	mm/min	1-10,000									
ATC	Tool Capacity	pcs	Armless 12 (opt. 20)	Armless 16 (opt. armless 20, w/ arm 24)			Armless 20 (opt. w/ arm 24, w/ chain 3)		#40 Arm 24 (opt. w/ chain 32)			
	Max. Tool Diameter	mm	Full=100, Next Empty=150						Full=80, Next Empty=150			
	Max. Tool Length	mm	300									
	Max. Tool Weight	kg	6	7				7.5				
Motor Power	Spindle Motor	kw (HP)	3.5/5.5 (7.5HP)	5.5/7.5 (10HP)			7.5/11 (15HP)		11/15 (20HP)			
	Axis Motors	kw	1.5	2			3.5		3.5/7/3.5			
Coolant	Pressure	kg/cm ²	10									
	Pump Power	HP	0.75									
	Tank Capacity	L	180	200	230		270		300		590	
Air & Power Supply	Air Source Pressure	kg/cm ²	6									
	Power	KVA	15				20		35			
Machine	Dimensions (LxWxH)	mm	2000x2305x2460	2160x2435x2550	2900x2420x2850	2900x2420x2840	3000x2825x3028	3200x2825x3028	4400x3428x3310	5500x3750x3310	6130x4200x3530	
	Net Weight (approx.)	kg	2800	4860	6880	6400	8660	9600	17,700	18,500	25,000	
	Gross Weight (approx.)	kg	3000	5060	7080	6600	8860	9800	18,000	18,900	25,400	
Standard Features	Fanuc Control		Included With All Models									
	Rigid Tapping											
	Auto Power Off											
	Auto Lubrication											
	RS-232 Interface											
	Halogen Work Light											
	End of Program Light											
	Heat Exchanger for Elec. Cabinet											
	Full Guarding Chip Enclosure											
	Remote Handwheel											
Spindle Oil Cooler												
Optional Accessories	High Pressure Coolant		Available With All Models									
	A/C for Elec. Cabinet											
	Coolant Through Spindle (CTTS)											
	Screw Type Chip Conveyor											
	Oil Skimmer											
	Chain Type Chip Conveyor											
	Oil Through Tool Holder											
	Scraper Type Chip Conveyor											
	Oil Mist Lubrication Pump											
4th Axis												