

Model		Unit	AV-850BG	AV-1000BG	AV-1104BG	AV-1105BG	AV-1304BG	AV-1305BG	AV-1600BG	AV-2000BG	AV-2200BG		
Travels	X-Axis	mm	850	1020	1100		1300		1600	2000	2200		
	Y-Axis	mm	510	510	700			800	900	1000			
	Z-Axis	mm	560		710			800					
	X/Y/Z Ballscrews	mm	C3 40					C3 50					
	Spindle Nose to Table Surface	mm	140-700		130-740		130-840		200-1000		250-1050		
	Spindle Center to Column Surface	mm	575		730			870		1050			
Table	Table Size	mm	1000x500	1200x500	1300x650		1500x650		1800x840	2200x850	2400x1000		
	T-Slot (Size/Qty./Distance)	mm	18x5x100								22x5x150		22x7x150
	Max. Load on Table	kg	500		1000			2200	2500	3000			
Spindle	Speed	RPM	8000 (opt. 10K-15K)		8000	6000	8000	6000					
	Taper		BT 40 / DIN 40 / CAT 40			BT 50 / DIN 50 / CAT 50	BT 40 / DIN 40 / CAT 40	BT 50 / DIN 50 / CAT 50					
	Drive Type		Gear Drive										
Feed Rates	Rapid Feed Rate X/Y/Z	M/min	24/24/16		24/24/15				15/15/12				
	Cutting Feed Rates	mm/min	1-10,000										
ATC	Tool Capacity	pcs	armless 16 (opt. Armless 20, w/ Arm 2)	#40 Arm 24 (opt. Chain 32)	#50 Arm 24 (opt. Chain 32)	#40 Arm 24 (opt. Chain 32)	#50 Arm 24 (opt. Chain 32)						
	Max. Tool Diameter	mm	Full=100, Next Empty=150	Full=80, Next Empty=150	Full=125, Next Empty=200	Full=80, Next Empty=150	Full=125, Next Empty=200						
	Max. Tool Length	mm	300										
	Max. Tool Weight	kg	7			15	7	15					
Power	Spindle Motor	kw(HP)	5.5/7.5 (10HP)		7.5/11 (15HP)			11/15 (20HP)					
	Axis Motors	kw	2		3.5			3.5/7/3.5					
Coolant	Pressure	kg/cm <sup>2</sup>	10										
	Coolant Pump Power	HP	0.75										
	Coolant Tank Capacity	L	230	270			300		590				
Air & Power Supply	Air Source Pressure	kg/cm <sup>2</sup>	6										
	Power Supply	KVA	15		20				35				
Machine	Machine Dimensions LxWxH	mm	2900x2420x2850	2900x2420x840	3000x2825x3100	3200x2825x3100	3000x2825x3100	3200x2825x3100	4400x3330x3310	5500x3750x3310	6130x4200x3530		
	Machine Net Weight (approx.)	kg	7080	6600	9600	9700	9800	9900	17,900	18,700	25,200		
	Machine Gross Weight (approx.)	kg	7280	6800	9800	9900	10,000	11,000	18,200	19,100	25,600		
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													