

Model		Unit	AH-400	AH-500	AH-630	AH-800	AH-1000
Travel	X-Axis	mm	630	800	1020	1270	1530
	Y-Axis	mm	630	725	850	1050	1250
	Z-Axis	mm	630	725	890	1050	1250
	Spindle Center to Work Table	mm	50-680	50-775	70-920	50-1100	50-1300
	Spindle Nose to Work Table	mm	130-760	150-875 (200-925 w/ BT-50)	200-1090	230-1280	230-1480
Table	Table Surface to Floor	mm	1100		1300	1320	1370
	Table Size	mm	400x400	500x500	630x630	800x800	1000x1000
	T-Slot/Bolt Spec	mm	24-M10 / P1.5x20	24-M15 / P2.0			
	Max Weight on Table	kg	400	500 (opt. 800)	1200	2000	
	Table Indexing	deg	0.001	1 (opt. 0.001)			
Spindle	Spindle Taper		BT-40	BT-40 (opt. BT-50)	BT-50		
	Spindle Drive		DDS		Gear Head		
	Spindle Diameter	mm	70	70 (100 w/ BT-50)	100		
	Spindle Speed	RPM	10000	8000 (6000 w/ BT-50)	6000		
Feedrate	Spindle Motor (cont. 30 min.)	kw	15/18.5	7.5/11 (15/18.5) (22/26)	15/18.5 (18.5/22) (22/26)		
	3-Axes Cutting Feedrate	M/min	1-10,000		1-6000		
	3-Axes Rapid Feedrate	M/min	36 (opt. 48)	30 (opt.36)	24 (opt.30)	15/15/12	
ATC	3-Axes Min. Setting Unit	mm	0.001				
	Max. Tool Dia. X Length	mm	80x300	85x300 (125x400 w/ BT-50)	125x500	125x600	125
	Max. Tool Weight	kg	10	10 (20 w/ BT-50)	20		
	Tool Shank	type	P40T-I	P40T-1 (P50T-1 w/ BT-50)	P50T-I		
	Tool Change Time	sec	1.6	1.6 (2.9 w/ BT-50)	2.9		
APC	Number of Pallets	pcs	2				
	Method of Pallet Change		Rotary				
	Pallet Change Time	sec	8		10	12	
Machine	Floor Space	mm	3600x4600	3835x4835	3847x6398	3880x8100	
	Machine Weight (nominal)	kg	10,500	13,500 (16,000 w/ BT-50)	27,000	30,000	
Standard Equipment	Chain Type Chip Conveyor		Standard On All Models				
	Chain Type ATC w/ 40 Tool Capacity						
	Spindle Coolant Curtain						
	Spindle Oil Cooler						
	Heat Exchanger for Elec. Cabinet						
	3 Zone Chip Flushing System						
	Automatic Lubrication System						
	Fully Enclosed Splash Guard						
Fanuc Controls							
Optional Accessories	Extended Capacity ATC	pcs	60, 90 or 120 Tools				
	High Speed Spindle	RPM	10,000-24,000 Direct Drive		8,000-12,000 Direct Drive		
	3-Axes Linear Scales		Available On All Models				
	Oil Skimmer						
	A/C For Electrical Cabinet						
	Auto. Tool Length Measuring Device						
	Coolant Through Tool Holder						