

# AV-M8 HSC+HPM

## Double Column Milling and Machining Center



## MACHINE SPECIFICATIONS:

<b>TRAVEL</b>	X axis ( spindle left / right )	700 mm / 27.5"
	Y axis (Table in / out )	400 mm / 15.7"
	Z axis ( Spindle vertical )	350 mm / 13.8"
	Spindle nose to table surface (min / max )	150~550mm / 5.9~19.7"
	Ballscrew oil chiller	± 1° C of ambient shop temperature
	XYZ drive protection	torque limit coupler Direct
<b>TABLE</b>	Size	850 x 450mm / 33.5 x 17.7"
	T-slot (W x No. x P )	18 x 3 x 135 mm / 0.7" x 3 x 5.3"
	Max. table load (evenly distributed)	800 kg / 1,760 lbs
<b>SPINDLE (built-in)</b>	Spindle speed	20,000 r.p.m / 36,000r.p.m (OP.)
	Motor	15Kw / 20HP
	Taper	HSK-E50
	Water chiller	± 1° C of ambient shop temperature
<b>FEED RATES</b>	Cutting feed	1-24,000mm / min / 0.04-945 lpm
	X/ Y / Z rapid traverse	24,000mm / min / 945 lpm
<b>AUTOMATIC TOOL CHANGER (Disk magazine)</b>	Max. tool dia.	Ø 20mm / 0.78"
	Max. tool length	200mm / 7.87"
	Max. tool weight	3kg / 6.6 lbs
	Tool storage capacity	12 Tools
<b>AIR SUPPLY</b>	Pressure / Consumption	6 kg/cm <sup>2</sup> 85 PSI / 500L / min
<b>POWER SUPPLY</b>	Capacity	47KVA
<b>COOLANT</b>	Coolant pump	0.58 kw x 1, 0.2kw x 1
	Coolant tank capacity	150L / 40 gall
<b>MACHINE SIZE</b>	Machine dimension (LXWXH ) 12 Tools	1,860 x 2,319 x 2,587 mm / 73 x 92x 102"
	Machine weight	4,700kg / 10,400 lbs