

AV-1612

Double Column CNC Milling and Machining Center



MACHINE SPECIFICATIONS:

TRAVEL	X axis (Table left / right)	1, 600mm
	Y axis (Spindle in / out)	1, 200mm
	Z axis (Spindle vertical)	700mm
	Spindle nose to table surface (Min / Max)	100~800mm
	XYZ drive protection	torque limit coupler Direct
TABLE	Size	1, 800 x 1, 300mm
	T-slot (W x NO. x P)	18 x 5x 187.5mm
	Max . table load (evenly distributed)	4, 000kg
SPINDLE (built-in)	Spindle speed	14, 000 r.p.m
	Motor	25kw
	Taper	HSK-A 80
	Water chiller	± 1° C of ambient shop temperature
FEED RATES	Cutting feed	1-20, 000 mm / min
	X/ Y/ Z rapid traverse	20, 000 mm / min
PRECISION	Positioning accuracy	0.004mm
	Repeatability	0.002mm
AUTOMATIC TOOL CHANGER (Disk magazine)	Max. tool dia.	Ø 52mm
	Max. tool length	280mm
	Max. tool weight	12 kg
	Tool storage capacity	16 Tools
AIR SUPPLY	Pressure / Consumption	6kg /cm ² 500L / min
POWER SUPPLY	Capacity	71 KVA
COOLANT	Coolant pump	2 sets , 0.58 kw ea.
	Coolant tank capacity	314 L
MACHINE SIZE	Machine dimension (L x W x H) 12 Tools	4, 776 x 3, 354x 3, 610mm
	Machine weight	17, 000 kg