

AV-128

Double Column Milling and Machining Center



MACHINE SPECIFICATIONS:

TRAVEL	X axis (Spindle left / right)	1200mm / 47"
	Y axis (Table in / out)	800mm / 31.5"
	Z axis (Spindle vertical)	500 mm / 20"
	Spindle nose to table surface (Min / Max)	200~700mm / 8-27.5"
	Ballscrew oil chiller	± 1° C of ambient shop temperature
	XYZ drive protection	torque limit coupler Direct
TABLE	Size	1300 x 850mm / 51x 33.5"
	T-slot (W x NO. x P)	18 x 5x 150mm / 0.7" x 5 x 6"
	Max . table load (evenly distributed)	1500kg / 3300 lbs
SPINDLE (built-in)	Spindle speed	15000r.p.m / 20000, 24000 r.p.m.(OP.)
	Motor	18kw / 24HP
	Taper	BT-40 15000r.p.m. / HSK-A 63 20000, 24000r.p.m.(OP.)
	Bearing	Ø 70
	Water chiller	± 1° C of ambient shop temperature
FEED RATES	Cutting feed	1-10, 000 mm / min / 0.04-400 lpm
	XY rapid traverse	20, 000 mm / min / 800 lpm
	Z rapid traverse	12, 000 mm/ min 500 lpm
AXES	X/ Y / Z axis servo motor	4.7 / 8.7 / 4.7 Kw / 6 11.5 / 6HP
	X/ Y / Z axis linear guide High rigidity DB type	55 / 55 /45 mm / 2.2/ 2.2 / 1.8"
	X/ Y / Z axis ballscrew dia.	Ø 50/ 50/40 mm / 2 / 2 / 1.5"
AUTOMATIC TOOL CHANGER (Disk magazine)	Max. tool dia.	80mm / 3.1"
	Max. tool lengh	300mm / 12"
	Max. tool weight	7 kg / 15.5 lbs
	Tool storage capacity	12 Tools / 20 Tools (OP.)
AIR SUPPLY	Pressure / Consumption	6kg /cm ² 85 PSI / 500L / min
POWER SUPPLY	Capacity	47 KVA
COOLANT	Coolant pump	2 sets @ 0.58 kw ea.
	Coolant tank capacity	180 L / 50 gall
MACHINE SIZE	Machine dimension (L x W x H) 12 Tools	3100 x 2760 x 3200mm / 122 x 109 x 126"
	Machine dimension (L x W x H) 12 Tools (optional)	3251 x 2760 x 3200mm / 128 x 109 x 126"
	Machine weight	11, 000 kg / 24, 200 lbs