

TVMC -2000 / 3000




A large frame traveling column machining center offering straight vertical spindle or a high speed tilting spindle for contouring work.

	TVMC-2000	VMC-3200
FEATURE		
X axis	91.3"	130.7"
Y – axis (saddle)	27.9"	27.9"
Z – axis (spindle head)	24"	24"
Spindle nose to table edge	5.9"-29.9	5.9"-29.9
Rapid rates X, Y, Z IPM	1300,1800/1400	985,1800/1400
TABLE		
Surface	94" x 27.5"	133" x 27.5"
Number of T – slots x width	7 x 18 x 100 mm	-
Max. Load	4,400 lbs	6,600 lbs
ACCURACY (VDI/DGQ 3441)		
Positioning (P) X, Y/Z	+/- 0.0002"	+/- 0.0002"
Repeatability (Ps max.)X,Y,Z	+/- 0.0001"	+/- 0.0001"
Feedback	Encoder feed back	Encoder feed back
Positioning X,Y/Z w/ scales	+/- .00015"	+/- .00015"
Repeatability ,X,Y/Z w/ scales	+/- .00008"	+/- .00008"
SPINDLE – taper 40		
Spindle Taper	40 (optional 50)	40 (optional 50)
Speed	10,000 rpm (12,15,20,000 opt.)	10,000 rpm (12,15,20,000 opt.)
Power	15 hp, / 11 kW (opt. 40hp/30kw)	15 hp, / 11 kW (opt. 40hp/30kw)
Power transmission	Direct coupled w/ cooler	Direct coupled w/ cooler

Spindle orientation	Electrical	Electrical
AUTOMATIC TOOL CHANGER (DOUBLE ARM)		
Number of tools	24 opt. 32, 40	24 opt. 32, 40
Change time	3,5	3,5
Max. tool length	11.8" / 300 mm	11.8" / 300 mm
Max. tool weight	15.4 lbs / 7 kg	15.4 lbs / 7 kg
Weight	46,200 lbs, 21000 kg	51,700 lbs, 23,500 kg
