

VM-2

TRAVELS

	S.A.E.	METRIC
X Axis	30 "	762 mm
Y Axis	20 "	508 mm
Z Axis	20 "	508 mm
Spindle Nose to Table (~ max)	24 "	610 mm
Spindle Nose to Table (~ min)	4 "	102 mm

TABLE

	S.A.E.	METRIC
Length	36 "	914 mm
Width	18 "	457 mm
T-Slot Width	5/8 "	16 mm
T-Slot Center Distance	4.375 "	111 mm
Number of Std T-Slots	7 in Y, 3 in X	7 in Y, 3 in X
Max Weight on Table (evenly distributed)	3000 lb	1361 kg

SPINDLE

	S.A.E.	METRIC
Max Rating	30 hp	22.4 kW
Max Speed	12000 rpm	12000 rpm
Max Torque	90 ft-lb @ 2000 rpm	122 Nm @ 2000 rpm
Drive System	Inline Direct-Drive	Inline Direct-Drive
Taper	CT or BT 40	CT or BT 40

SPINDLE (OPT)

	S.A.E.	METRIC
Max Rating	30 hp	22.4 kW
Max Speed	15000 rpm	15000 rpm
Max Torque	90 ft-lb @ 2000 rpm	122 Nm @ 2000 rpm
Drive System	Inline Direct-Drive	Inline Direct-Drive
Taper	CT or BT 40	CT or BT 40

FEEDRATES

	S.A.E.	METRIC
Rapids on X	710 in/min	18.0 m/min
Rapids on Y	710 in/min	18.0 m/min
Rapids on Z	710 in/min	18.0 m/min
Max Cutting	500 in/min	12.7 m/min

AXIS MOTORS

	S.A.E.	METRIC
Max Thrust X	3400 lb	15124 N
Max Thrust Y	3400 lb	15124 N
Max Thrust Z	5600 lb	24910 N

TOOL CHANGER

	S.A.E.	METRIC
Type	SMTC	SMTC
Capacity	24+1	24+1
Max Tool Diameter (adjacent empty)	5.0 "	127 mm
Max Tool Diameter (full)	3.0 "	76 mm
Max Tool Length (from gage line)	11 "	279 mm
Max Tool Weight	12 lb	5.4 kg
Tool-to-Tool (avg)	2.8 sec	2.8 sec
Chip-to-Chip (avg)	3.6 sec	3.6 sec

GENERAL

	S.A.E.	METRIC
Air Required	4 scfm, 100 psi	113 L/min, 6.9 bar
Coolant Capacity	55 gal	208 L