

VF-3		
TRAVELS	S.A.E.	METRIC
X Axis	40 "	1016 mm
Y Axis	20 "	508 mm
Z Axis	25 "	635 mm
Spindle Nose to Table (~ max)	29 "	737 mm
Spindle Nose to Table (~ min)	4 "	102 mm
TABLE	S.A.E.	METRIC
Length	48 "	1219 mm
Width	18 "	457 mm
T-Slot Width	5/8 "	16 mm
T-Slot Center Distance	3.15 "	80.0 mm
Number of Std T-Slots	5	5
Max Weight on Table (evenly distributed)	3500 lb	1588 kg
SPINDLE	S.A.E.	METRIC
Max Rating	30 hp	22.4 kW
Max Speed	8100 rpm	8100 rpm
Max Torque	90ft-lb @ 2000 rpm	122 Nm @ 2000 rpm
Drive System	Inline Direct-Drive	Inline Direct-Drive
Max Torque w/opt Gearbox	250 ft-lb @ 450 rpm	339 Nm @ 450 rpm
Taper	CT or BT 40	CT or BT 40
Bearing Lubrication	Air/Oil Injection	Air/Oil Injection
Cooling	Liquid Cooled	Liquid Cooled
FEEDRATES	S.A.E.	METRIC
Rapids on X	1000 in/min	25.4 m/min
Rapids on Y	1000 in/min	25.4 m/min
Rapids on Z	1000 in/min	25.4 m/min
Max Cutting	650 in/min	16.5 m/min
AXIS MOTORS	S.A.E.	METRIC
Max Thrust X	2550 lb	11343 N
Max Thrust Y	2550 lb	11343 N
Max Thrust Z	4200 lb	18683 N
TOOL CHANGER	S.A.E.	METRIC
Type	Carousel (SMTC 30+1 or 40+1 Optional)	Carousel (SMTC 30+1 or 40+1 Optional)
Capacity	20	20
Max Tool Diameter (full)	3.5 "	89 mm
Max Tool Weight	12 lb	5.4 kg
Tool-to-Tool (avg)	4.2 sec	4.2 sec
Chip-to-Chip (avg)	4.5 sec	4.5 sec
GENERAL	S.A.E.	METRIC
Air Required	4 scfm, 100 psi	113 L/min, 6.9 bar