

MORE INFO AND ALL PRICING POSTED ONLINE AT HaasCNC.com

VF-3SS

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)	1750 lb	794 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
Bearing Lubrication	Air/Oil Injection	Air/Oil Injection
Cooling	Liquid Cooled	Liquid Cooled

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	1400 in/min	35.6 m/min
Rapids on Y	1400 in/min	35.6 m/min
Rapids on Z	1400 in/min	35.6 m/min
Max Cutting	833 in/min	21.2 m/min

AXIS MOTORS

	S.A.E.	METRIC
Max Thrust X	3085 lb	13723 N
Max Thrust Y	3085 lb	13723 N
Max Thrust Z	3923 lb	17450 N

TOOL CHANGER

	S.A.E.	METRIC
Type	SMTC	SMTC
Capacity	24+1	24+1
Max Tool Diameter (adjacent empty)	5 "	127 mm
Max Tool Diameter (full)	3 "	76 mm
Max Tool Length (from gage line)	11 "	279 mm
Max Tool Weight	12 lb	5.4 kg

Tool-to-Tool (avg)
Chip-to-Chip (avg)

1.6 sec
2.2 sec

1.6 sec
2.2 sec

GENERAL

Air Required
Coolant Capacity

S.A.E.

4 scfm, 100 psi
55 gal

METRIC

113 L/min, 6.9 bar
208 L