

VF-12/50More info and all prices posted at HaasCNC.com**TRAVELS**

	S.A.E.	METRIC
X Axis	150 "	3810 mm
Y Axis	32 "	813 mm
Z Axis	30 "	762 mm
Spindle Nose to Table (~ max)	35 "	889 mm
Spindle Nose to Table (~ min)	5 "	127 mm

TABLE

	S.A.E.	METRIC
Length	150 "	3810 mm
Width	28 "	711 mm
T-Slot Width	0.866 "	22 mm
T-Slot Center Distance	4.92 "	125.0 mm
Number of Std T-Slots	5	5
Max Weight on Table (evenly dist.)	4000 lb	1814 kg

SPINDLE

	S.A.E.	METRIC
Max Rating	30 hp	22.4 kW
Max Speed	7500 rpm	7500 rpm
Max Torque	340 ft-lb @ 700 rpm	460 Nm @ 700 rpm
Drive System	2-Speed Geared Head	2-Speed Geared Head
Taper	CT or BT 50	CT or BT 50
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	10000 rpm	10000 rpm
Max Torque	250 ft-lb @ 700 rpm	339 Nm @ 700 rpm
Drive System	2-Speed Geared Head	2-Speed Geared Head

FEEDRATES

	S.A.E.	METRIC
Rapids on X	360 in/min	9.1 m/min
Rapids on Y	600 in/min	15.2 m/min
Rapids on Z	600 in/min	15.2 m/min
Max Cutting	360 in/min	9.1 m/min

AXIS MOTORS

	S.A.E.	METRIC
Max Thrust X	3400 lb	15124 N
Max Thrust Y	4100 lb	18238 N
Max Thrust Z	5600 lb	24910 N

TOOL CHANGER

	S.A.E.	METRIC
Type	SMTC	SMTC
Capacity	30+1	30+1
Max Tool Diameter (adjacent empty)	10 "	254 mm
Max Tool Diameter (full)	4 "	102 mm
Max Tool Length (from gage line)	16 "	406 mm
Max Tool Weight	30 lb	13.6 kg
Tool-to-Tool (avg)	4.2 sec	4.2 sec
Chip-to-Chip (avg)	6.3 sec	6.3 sec

GENERAL

Air Required
Coolant Capacity

S.A.E.

4 scfm, 100 psi
95 gal

METRIC

113 L/min, 6.9 bar
360 L