

VF-11/40All prices posted at haascnc.com**TRAVELS**

	S.A.E.	METRIC
X Axis	120 "	3048 mm
Y Axis	40 "	1016 mm
Z Axis	30 "	762 mm
Spindle Nose to Table (~ max)	34 "	864 mm
Spindle Nose to Table (~ min)	4 "	102 mm

TABLE

	S.A.E.	METRIC
Length	120 "	3048 mm
Width	28 "	711 mm
T-Slot Width	5/8 "	16 mm
T-Slot Center Distance	4.92 "	125.0 mm
Number of Std T-Slots	5	5
Max Weight on Table (evenly distributed)	4000 lb	1814 kg

SPINDLE

	S.A.E.	METRIC
Max Rating	30 hp	22.4 kW
Max Speed	8100 rpm	8100 rpm
Max Torque	90 ft-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	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	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)	6 "	152 mm
Max Tool Diameter (full)	3 "	76 mm
Max Tool Length (from gage line)	16 "	406 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	95 gal	360 L