

Haas VF-7 Vertical Machining Centre



Haas VF-7 Specifications

TRAVELS	S.A.E.	Metric
X Axis	84"	2134 mm
Y Axis	32"	813 mm
Z Axis	30"	762 mm
Spindle Nose to Table (~ min)	4"	102 mm
Spindle Nose to Table (~ max)	34"	864 mm
TABLE	S.A.E.	Metric
Length	84"	2134 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	
Max Weight on Table (evenly distributed)	4000lb	1814 kg
SPINDLE	S.A.E.	Metric
Max Rating	30 hp	22.4 kW
Max Speed	8,100 rpm	8,100 rpm
Max Torque	90 ft-lb @ 2000rpm	122 Nm @ 2000 rpm
Drive System	Inline	Inline
Max Torque w/opt Gearbox	250 ft-lb @ 450rpm	339 Nm @ 450 rpm
Taper	CT or BT 40	CT or BT 40
Bearing Lubrication	Air/Oil Injection	
Cooling	Liquid Cooled	
FEEDRATES	S.A.E.	Metric
Rapids on X	600in/min	15.2 m/min
Rapids on Y	600in/min	15.2 m/min
Rapids on Z	600in/min	15.2 m/min
Max Cutting	500in/min	12.7 m/min
AXIS MOTORS	S.A.E.	Metric
Max Thrust X	3400lb	15124 N
Max Thrust Y	3400lb	15124 N

Max Thrust Z	5600lb	24910 N
TOOL CHANGER	S.A.E.	Metric
Type	SMTC	SMTC
Capacity	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	12lb	5.4 kg
Tool-to-Tool (avg)	2.8sec	2.8 sec
Chip-to-Chip (avg)	3.6sec	3.6 sec
GENERAL	S.A.E.	Metric
Max Operating Depth	123"	3124 mm
Air Required	4scfm, 100 psi	113 L/min, 6.9 bar
Coolant Capacity	95gal	360 L
Power (options may increase requirement)	195-260 VAC/50 A 354-488 VAC/30 A	195-260 VAC/50 A 354-488 VAC/30 A
Machine Weight	23000lb	10433 kg



OFFICIAL MACHINE TOOL