

Haas VF-2 Vertical Maching Centre



Haas VF-2 Specifications

TRAVELS	S.A.E.	Metric
X Axis	30"	762 mm
Y Axis	16"	406 mm
Z Axis	20"	508 mm
Spindle Nose to Table (~ min)	4"	102 mm
Spindle Nose to Table (~ max)	24"	610 mm
TABLE	S.A.E.	Metric
Length	36"	914 mm

Width	14"	356 mm
T-Slot Width	5/8"	16 mm
T-Slot Center Distance	4.92"	125.0 mm
Number of Std T-Slots	3	
Max Weight on Table (evenly distributed)	3000lb	1361 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	
FEED RATES	S.A.E.	Metric
Rapids on X	1000in/min	25.4 m/min
Rapids on Y	1000in/min	25.4 m/min
Rapids on Z	1000in/min	25.4 m/min
Max Cutting	650in/min	16.5 m/min
AXIS MOTORS	S.A.E.	Metric
Max Thrust X	2550lb	11343 N
Max Thrust Y	2550lb	11343 N
Max Thrust Z	4200lb	18683 N
TOOL CHANGER	S.A.E.	Metric
Type	Carousel (SMTC Optional)	Carousel (SMTC Optional)

Capacity	20	20
Max Tool Diameter (full)	3.5"	89 mm
Max Tool Weight	12lb	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	4scfm, 100 psi	113 L/min, 6.9 bar
Coolant Capacity	55gal	208 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	7300lb	3311 kg

