



VF-3YT/50

Starting at \$94,995.00

* Machine shown with optional equipment. Actual product appearance may differ.

VF-3YT/50 PRODUCT OVERVIEW

Vertical Machining Center; 40" x 26" x 25" (1016 x 660 x 635 mm), 50- taper geared-head, 30 hp (22.4 kW) vector drive, 7500 rpm, 30+1 side-mount tool changer, 710 ipm (18 m/min) rapids, color remote jog handle, programmable coolant nozzle, automatic chip auger, power-failure detection module, 1 GB program memory, 15" color LCD monitor, USB port, memory lock keyswitch, rigid tapping and 55-gallon (208 liter) flood coolant system.

- [VF-3YT/50 Dimensions](#)
- [Shipping Dimensions](#)
- [Rotary Table Fit Chart](#)

VF-3YT/50 - \$94,995.00		
TRAVELS	S.A.E.	METRIC
X Axis	40 "	1016 mm
Y Axis	26 "	660 mm
Z Axis	25 "	635 mm
Spindle Nose to Table (~ max)	32.9 "	836 mm
Spindle Nose to Table (~ min)	7.9 "	200 mm
TABLE	S.A.E.	METRIC
Length	52 "	1321 mm
Width	23 "	584 mm
T-Slot Width	5/8 "	16 mm
T-Slot Center Distance	3.15 "	80.0 mm

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Number of Std T-Slots	7	7
Max Weight on Table (evenly distributed)	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 ft-lb	339 Nm @ 700 rpm
Drive System	2-Speed Geared Head	2-Speed Geared Head
FEEDRATES	S.A.E.	METRIC
Rapids on X	710 in/min	18.0 m/min
Rapids on Y	710 in/min	18.0 m/min
Rapids on Z	710 in/min	18.0 m/min
Max Cutting	500 in/min	12.7 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)	7 "	178 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
GENERAL	S.A.E.	METRIC
Air Required	4 scfm, 100 psi	113 L/min, 6.9 bar
Coolant Capacity	55 gal	208 L