

[Special Series]

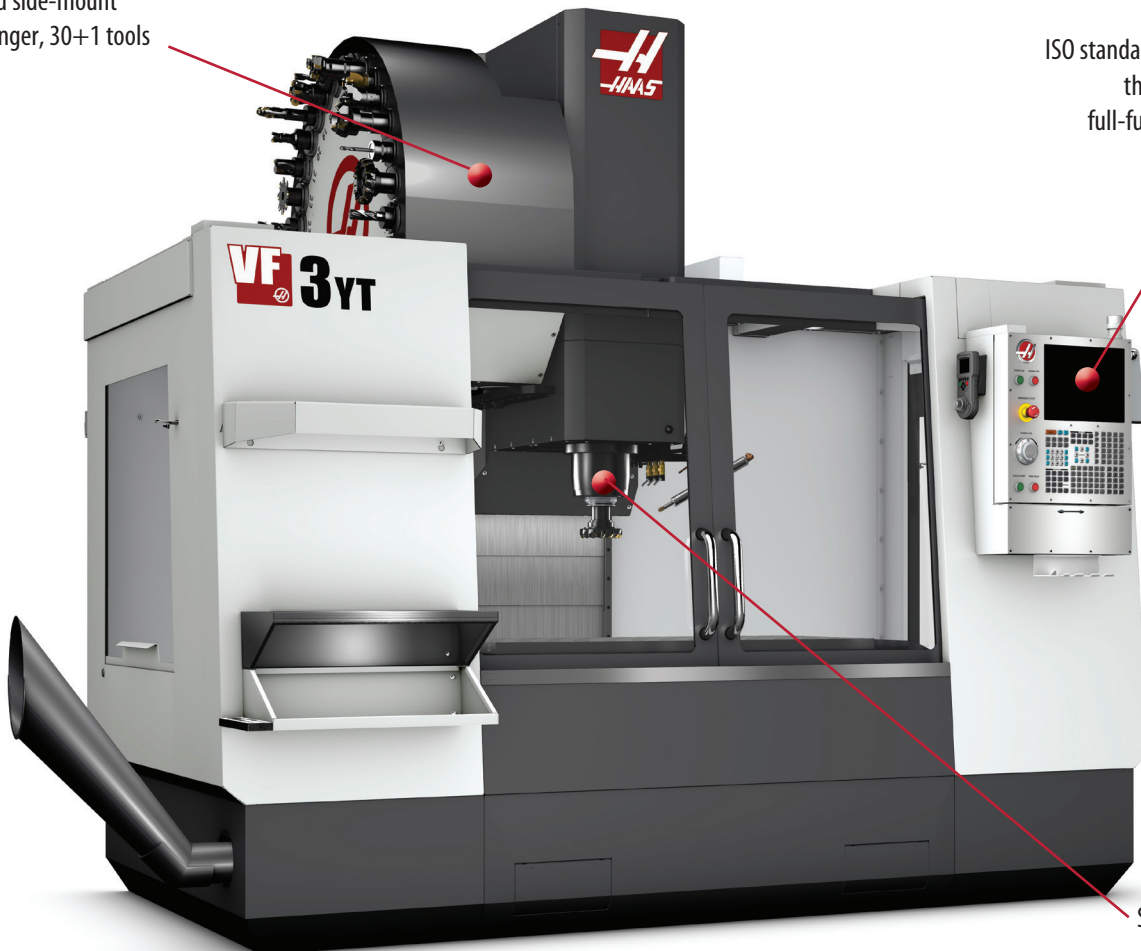
Haas VF-3YT/50-Taper



The Vertical Machining Center

Standard side-mount
tool changer, 30+1 tools

ISO standard G-code programming
through the user-friendly,
full-function Haas CNC control



Standard Haas 50-taper,
7 500-rpm, 22,4 kW
vector drive spindle

Warranty: 1 Year Parts and Labor

[Standard Features]

- 7 500-rpm, 50-Taper Spindle
- 22,4 kW Vector Drive
- 2-Speed, Vibration-Isolated Gearbox
- Side-Mount Tool Changer, 30+1 Tools
- Chip Auger System
- Rigid Tapping
- Programmable Coolant Nozzle
- 1 MB Memory
- 38 cm Color LCD Monitor w/USB Port
- Memory Lock Keyswitch
- Remote Jog Handle
- Made in the USA

[Options] partial list

- 10 000-rpm Spindle
- BT-50 Option
- Linear Scales
- High-Pressure Through-Spindle Coolant
- Coordinate Rotation & Scaling
- Ethernet Interface
- User-Defined 2nd Home Button
- High-Speed Machining with Look-Ahead
- User-Definable Macros
- Spindle Orientation
- Wireless Intuitive Probing System



Haas Automation Europe | www.HaasCNC.com | +32 2 522 99 05 | Made in U.S.A.

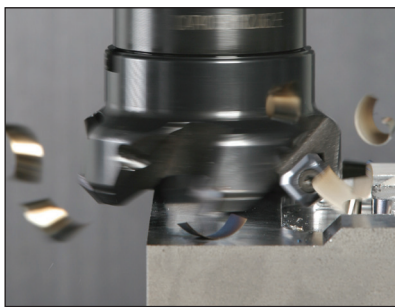
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Haas VF-3YT/50-Taper

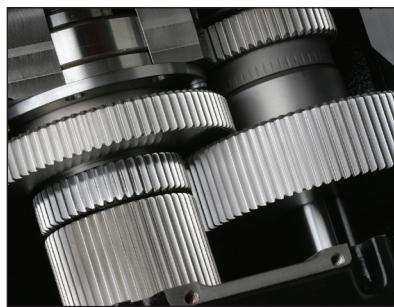


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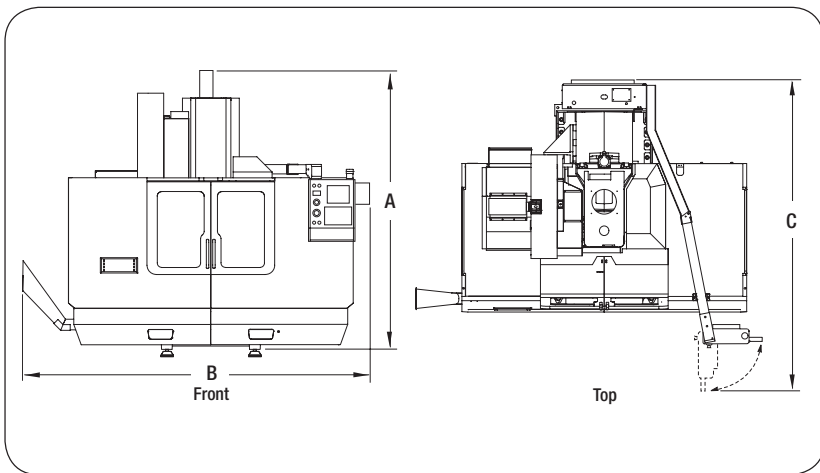
The new Haas VF-3YT/50-taper VMC provides the heavy cutting capacity of a 50-taper machine in a mid-size footprint. It has a 1 016 x 660 x 635 mm work envelope and a 1 321 x 584 mm table – up 152 mm in Y over the standard Haas VF-3. A larger base casting provides the extended Y-axis travel, yet the machine’s footprint is only slightly larger than the standard VF-3. Heavy cast-iron construction yields the rigidity and stability necessary for heavy cutting, and the wide T-slot table provides plenty of room for fixturing and large parts.



The Haas 50-taper spindle features a 22,4 kW vector drive system that provides 610 Nm of torque for heavy cuts.



The Haas-built two-speed gearbox provides a versatile combination of high torque in low gear and speeds to 7 500 rpm in high gear for added flexibility. The gearbox is isolated by polyurethane mounts to eliminate vibration.



Operating Dimensions	VF-3YT/50
A. Max Operating Height	3 302 mm
B. Max Operating Width	3 632 mm
C. Max Operating Depth**	2 692 mm

** With control swung forward. Additional 914 mm required to open rear service panel.

[Specifications]

Travels	
X	1 016 mm
Y	660 mm
Z	635 mm
Table	
Length	1 321 mm
Width	584 mm
Max Weight on Table	1 814 kg
Spindle	
Taper Size	#50
Speed	7 500 rpm
Drive System	2-Speed, Geared Head
Max Torque	610 Nm @ 500 rpm
Max Rating	22,4 kW
Axis Motor	
Max Thrust Rating	24 910 N
Feedrates	
Rapids	18,0 m/min
Max Cutting	12,7 m/min
Tool Changer	
Capacity	30+1
Tool Taper/Type	CT 50 (BT-50 optional)
Max Tool Dia – full adj. empty	102 mm 178 mm
Max Tool Weight	13,6 kg
Tool to Tool	4,2 sec
Chip to Chip	6,3 sec
General	
Machine Weight	7 212 kg
Power Required	354 - 488 VAC 3-Phase
Air Required	113 Lpm @ 6,9 bar



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