



Optional Remote

# **VMC 3320<sub>R-II</sub>**

**CNC VERTICAL MACHINING CENTER  
with FADAL 64MP CNC CONTROLLER**

**Fadal**  
ENGINEERING  
For Machinists. By Machinists.

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with FADAL 64MP CNC CONTROLLER

## Specifications

TRAVEL	
X-axis Travel (in.)	33
Y-axis Travel (in.)	20
Z-axis Travel (in.)	20 (30 optional)
Spindle nose to table (in.)	5-25
Spindle center to column (in.)	21.25
TABLE	
Table Dimensions (in.)	39.37 x 17.7
T-Slot Dimensions (in.)	(3) 4.33 x .709 x 1.25
Max. Table Load (lbs.)	1,100
SPINDLE	
Spindle Type	Cat-40
Spindle Speed (RPM)	10,000
Spindle Torque (ft. lbs.)	175 (220 optional)
Spindle Motor (HP) Peak	15 (22.5 optional)
FEED	
Rapid Traverse Rate X,Y & Z (IPM)	1,410 / 1,410 / 1,187
Ballscrew Diameter X,Y & Z Axis (mm)	40
ATC	
Tool Capacity	24
Tool Change Type	Dual Arm
Max. Tool Weight (lbs.)	15
Max. Tool Diameter (in.) (with adjacent tool)	4.9 (3.1)
Max. Tool Length (in.)	13.5
Tool Selection Method	Random
OTHER	
Machine Dimensions L x W x H (in.)	123 x 96 x 104
with Chip Conveyor	161 x 96 x 104
Machine Weight (lbs.)	11,330

Specifications subject to change without notice

Authorized Fadal Dealer

### STANDARD FEATURES

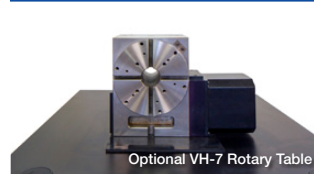
- Spindle Oil Cooler
- LED Work Lamp
- Fully Enclosed
- Spindle Air Blast
- Automatic PDI Lubrication System
- Operation Indication Lamp
- Rigid Tapping
- Chip Flush System
- Linear Roller Bearing Ways



### OPTIONAL FEATURES

- Chip Conveyor
- BT40
- High Torque (22.5hp peak)
- Extended Z Axis 30"
- 4th Axis Ready
- 5th Axis Ready

- RTCP
- VH-7 Rotary Table
- VH-8 Rotary Table
- TR-7 Tilting Table
- Remote MPG

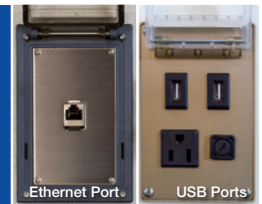


### OPTIONAL PROBING

- Tool Pre-Setter (wired)
- Tool Pre-Setter (wireless)
- X, Y, Z Coordinate (wireless)

### FADAL 64MP CONTROLLER

- Backward Compatible 88HS & MP
- Memory 256mb
- 2000 Blocks/sec Look Ahead
- Networking & USB Ports
- High Speed Machining



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