



VMC 3320_{R-II}
CNC VERTICAL MACHINING CENTER
with FADAL 64MP CNC CONTROLLER

Fadal
ENGINEERING
For Machinists. By Machinists.

VMC 3320_{R-II}

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Specifications

TRAVEL	
X-axis Travel (in.)	33
Y-axis Travel (in.)	20
Z-axis Travel (in.)	20/30*
Spindle nose to table (in.)	5-25/5-35*
Spindle center to column (in.)	21.25
TABLE	
Table Dimensions (in.)	39.38 x 17.75
T-Slot Dimensions (in.)	(3) 5 x .709 x 1.25
Max. Table Load (lbs.)	1,100
SPINDLE	
Spindle Type	Cat-40/BT-40*
Spindle Speed (RPM)	10,000/15,000*
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	24/30*
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.)	109 x 87 x 110
with Chip Conveyor	155 x 87 x 110
Machine Weight (lbs.)	11,330

Specifications subject to change without notice

*Optional

STANDARD FEATURES

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



OPTIONAL FEATURES

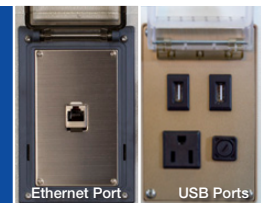
Chip Conveyor	RTCP
BT40	FR-8 Rotary Table
High Torque (22.5hp peak)	FTR-8 Tilting Table
Extended Z Axis 30"	FR-5C Rotary Table
4th Axis Ready	Remote MPG
5th Axis Ready	Chip Wash Down System

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



Authorized Fadal Dealer

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