



Shown with Optional Chip Conveyor

Optional Remote

VMC 4020*B-II*
CNC VERTICAL MACHINING CENTER
with FADAL 64MP CNC CONTROLLER

Fadal
ENGINEERING
For Machinists. By Machinists.

VMC 4020_{B-II}

CNC VERTICAL MACHINING CENTER
with FADAL 64MP CNC CONTROLLER

Specifications

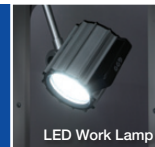
TRAVEL	
X-axis Travel (in.)	40
Y-axis Travel (in.)	20
Z-axis Travel (in.)	20 (30 optional)
Spindle nose to table (in.)	5-25
Spindle center to column (in.)	21.25
TABLE	
Table Dimensions (in.)	47.25 x 19.7
T-Slot Dimensions (in.)	(5) 3.75 x .709 x 1.25
Max. Table Load (lbs.)	1,320
SPINDLE	
Spindle Type	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)	1,000 / 1,000 / 1,000
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	162 x 96 x 104
Machine Weight (lbs.)	11,770

Specifications subject to change without notice

Authorized Fadal Dealer

STANDARD FEATURES

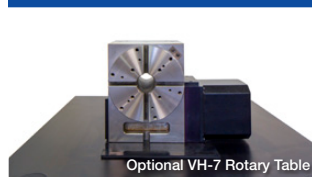
Box Way Construction
Spindle Oil Cooler
LED Work Lamp
Fully Enclosed
Spindle Air Blast
Automatic PDI Lubrication System
Operation Indication Lamp
Rigid Tapping
Chip Flush System



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
VH-250 Rotary Table
TR-7 Tilting Table
TR-8 Tilting Table
TR-250 Tilting Table
Remote MPG

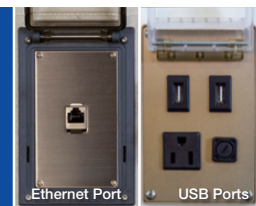


OPTIONAL PROBING

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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