

Fadal

VMC 6032 50

CNC Vertical Machining Center
with Fadal 64MP CNC Controller

2 YEAR WARRANTY

2-Year/4,000 User-Hours



☎ 844.323.2526

✉ SALES@FADAL.COM

**MADE
FOR MACHINISTS
BY MACHINISTS.**

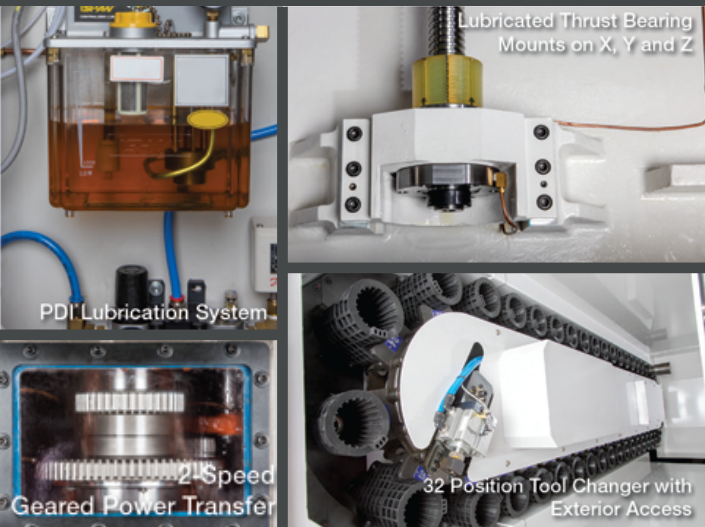
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STANDARD FEATURES

- Spindle Oil Cooler
- LED Work Lamp
- Fully Enclosed
- Spindle Air Blast
- Automatic PDI Lubrication System
- Operation Indication Lamp
- Rigid Tapping
- Chip Wash Down System
- High Speed Machining
- 3-Stage Chip Separation
- Dual Supported Auto Lubricated Ball Screws
- High Torque Spindle Package
- Box Way Construction Quad way "Y" axis construction
- 3 LED Work Lamps (2 Bar/1 Round)
- Three internal chip augers
- Remote Pulse Generator
- **2- Year /4,000 User-Hours Warranty**



OPTIONAL FEATURES

- 4th Axis Prewire
- 4th Axis Servo Disconnect
- 5C Collet Closure - Pneumatic
- FR-6D Standard Rotary Table (Req. 4th Axis disconnect)
- FR-6A High Speed Rotary Table (Req. 4th Axis disconnect)
- FR-6D Tailstock (Manual Clamp w/Quill)
- 6 Inch 3-Jaw Chuck with Flange
- Hard Wired Tool Preseter
- Wireless tool Presetter
- Wireless Touch Probe
- Chain Type Chip Conveyor
- Coolant Through Spindle
- 5th Axis Ready
- RTCP
- FR-8, FR-15 Rotary Table
- FTR-8 Tilting Table

SPECIFICATIONS

TRAVEL

| | |
|--------------------------------|--------------|
| X-Axis Travel (in.) | 60 |
| Y-Axis Travel (in.) | 32 |
| Z-Axis Travel (in.) | 30 |
| Spindle Nose to Table (in.) | 5-35/13-43** |
| Spindle Center to Column (in.) | 34.375 |

TABLE

| | |
|-------------------------|------------------------|
| Table Dimensions (in.) | 61x30 |
| T-Slot Dimensions (In.) | (5) 5.75 x .709 x 1.25 |
| Max. Table Load (lbs.) | 4,400 |

SPINDLE

| | |
|--------------------------|--------|
| Spindle Type | Cat-50 |
| Spindle Speed (RPM) | 6,000 |
| Spindle Torque (ft. lbs) | 425 |
| Spindle Motor (HP) Peak | 45 |

FEED

| | |
|---------------------------------------|-----------------|
| Rapid Travel Rate X,Y & Z (IPM) | 787 / 787 / 590 |
| Ballscrew Diameter X, Y & Z Axis (mm) | 50 |

ATC

| | |
|--|----------|
| Tool Capacity | 32 / 40* |
| Tool Change Type | Dual Arm |
| Max. Tool Weight (lbs.) | 35 |
| Max. Tool Diameter (in.)(with adjacent tool) | 5 (3.1) |
| Max. Tool Length (In.) | 15.75 |
| Tool Selection Method | Random |

OTHER

| | |
|------------------------------------|-----------------|
| Machine Dimensions L x W x H (in.) | 166 x 142 x 132 |
| with Chip Conveyor | 220 x 142 x 132 |
| Machine Weight (lbs.) | 36,400 |

Specifications subject to change without notice

* Optional

FADAL 64MP CONTROLLER

- Backward Compatible 88HS & MP
- Memory 4GB
- 3000 Blocks/sec Look Ahead
- Networking & USB Ports
- High Speed Machining



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