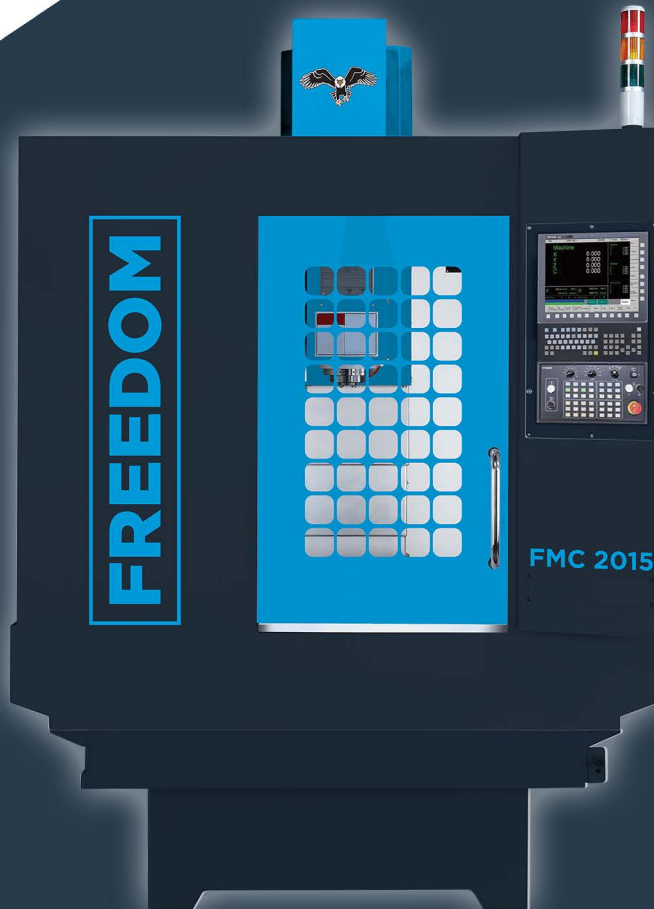




**CNC MACHINE TOOL CO.**

# FMC 2015 30T

CNC VERTICAL MACHINING CENTER  
with FREEDOM M CNC CONTROLLER



YOU NOW HAVE A CHOICE WITH **FREEDOM.**

## STANDARD FEATURES

- COOLANT THRU PREPPED
- DUAL LED WORKLIGHTS
- 15 IN. TOUCH SCREEN COLOR MONITOR
- 4TH AXIS PREWIRE
- **HIGH SPEED HIGH PRECISION SOFTWARE**
- 12,000 RPM SPINDLE
- 10 HORSEPOWER
- 20 POSITION DUAL ARM TOOL CHANGER
- 3,000 BLOCK/SEC EXECUTION

MACHINE CONFORMS TO UL-508A CERTIFICATION PER SGS PERMIT # SGSNA/19/TW/00028.

# FMC 2015 30T

CNC VERTICAL MACHINING CENTER  
with **FREEDOM M** CNC CONTROLLER

## Specifications

TRAVEL	
X-axis Travel (in.)	20 in.
Y-axis Travel (in.)	15 in.
Z-axis Travel (in.)	16 in.
Spindle nose to table (in.)	5.9-21.6 in.
Spindle center to column (in.)	16.9 in.
TABLE	
Table Dimensions (in.)	25.6 x 15 in.
T-Slot Dimensions (in.)	(3) 3.94 x .709 in.
Max. Table Load (lbs.)	440 lbs.
SPINDLE	
Spindle Type	BT-30
Spindle Speed (RPM)	12000/15,000*/20,000* RPM
Spindle Torque (ft. lbs.)	43.5 ft. lbs.
Spindle Motor (HP)	10/7.5 HP
ACCURACY	
Positioning accuracy	JIS B 6338 ± 0.00015/12 in.
Repeatability accuracy	JIS B 6338 ± 0.0001/12 in.
FEED	
Rapid Traverse Rate X, Y, & Z (IPM)	1,890 IPM
Cutting Feedrate (single axis moves up to)	790 IPM MAX.
Ballscrew Diameter X, Y, & Z Axis (mm)	32 mm
Axis Drive Motor X, Y & Z (HP)	1.8, 1.8, 2.5 HP
ATC	
Tool Capacity	20
Tool Change Type	Dual Arm
Tool Change Time (sec.)	1.0 sec. tool to tool
Max. Tool Weight (lbs.)	6.6 lbs.
Max. Tool Diameter (in.) (with adjacent tool)	4 (2.4) in.
Max. Tool Length (in.)	7.9 in.
Tool Selection Method	Random
OTHER	
Machine Dimensions D x W x H (in.)	90 x 64 x 94 in.
with Chip Conveyor	108 x 107 x 94 in.
Machine Weight (lbs.)	6,160 lbs.

All specifications are subject to change without notice.

Optional



## OPTIONAL

- 4th Axis Servo Disconnect
- FR-5C Rotary Table - Pneumatic (Req. 4th Axis Disconnect)
- FR-5C Rotary Table - Manual (Req. 4th Axis Disconnect)
- FR-6 Rotary Table (Req. 4th Axis Disconnect)
- FR-5C Tailstock
- 15K RPM Spindle
- 20K RPM Spindle
- 24K RPM Motorized Spindle
- Marposs Hard Wired Tool Presetter
- Marposs Wireless Tool Presetter
- Marposs Wireless Spindle Probe
- Marposs Wireless Probe & Tool Presetter
- Renishaw BT30 Wireless Spindle Probe w/ Software
- Renishaw Hard Wired Tool Presetter w/ Software
- Renishaw BT30 Wireless Probe & Tool Presetter w/ Software
- \*Chain Type Chip Conveyor - ATC Side or Pendant Side

\*Chip Conveyor adds 18 inches of depth to original machine dimensions

## FEATURES

## FREEDOM M CNC CONTROLLER

### Highlighted Features

- 4 GB Memory
- 3000 Blocks/Sec
- 3000 Block Buffer Memory
- 15-Inch Touch Screen Monitor

See Freedom M CNC Controller Brochure  
for all features and more information!

Authorized Freedom Dealer



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