

CNC VERTICAL MILLS

JET offers complete factory-installed CNC packages, with your choice of 2 or 3-axis CNC controls. The Computer Numerical Control system brings the added precision of digital automation to the process, and enables the operator greater control, effectiveness and efficiency. Meehanite casted JET Vertical Mills with CNC packages deliver accurate results with every cut.



CNC VERTICAL MILLING MACHINE PACKAGES JTM-4VS

FEATURES OF THE ACU-RITE MILLPWR® 2- OR 3-AXIS CONTROL

- Increased Productivity, mill more efficiently and effectively
- Bolthole Calculations, calculate bolthole patterns instantly
- Tool Offsets and Tool Library
- Jog Control, move quickly from one location to another—using one axis at a time or any two axes simultaneously
- 3-D Contouring, ability to import and run G-code files from CAD/CAM programs
- Mirror/Repeat/Rotate, easily manipulate part programs to save time and reduce program steps.
- Ease of use, convenient, user-friendly and multi-faceted
- 10" flat panel, vivid, color, LCD display to view immediate graphic feedback
- Menu-prompted Conversational programming, easily create part programs, edit, reverse, change, delete and copy/move steps—follow the menu prompts and let MILLPWR® do the rest
- Info Button, built-in help screens for content specific jobs
- Built-in Calculator, perform standard, trig and geometry calculations and transfer them directly into part programs

FEATURES OF THE ANILAM 3000M 2- OR 3-AXIS CONTROL

- Utilizes a machinist's type language—easy conversational programming (No learning of G-Codes required)
- On-screen editing and help graphics, DXF and G-code conversion, which will save time and increase the productivity
- 12.1" active matrix TFT flat panel, color display
- Built-in calculator with three modes: basic math, right triangle and geometry, to provide Geometry assistance
- You can go from manual operations to CNC in seconds
- Heavy-Duty AC brushless servo motors
- Bolt hole patterns of any configuration can be easily produced
- The addition of DSP 2, an enhanced motion control system, means greater increases in productivity and much higher speed machining
- The Series 3000M is the most user-friendly conversational program
- Store programs on the hard drive for repeat jobs

FREE 4 HOURS OF
CNC TRAINING IN-HOUSE TRAINING
FROM ACU-RITE AND ANILAM

2
YEAR WARRANTY



OPTIONAL EQUIPMENT

STOCK NUMBER

52 pc. Clamping Kit	660012
6 pc. R-8 Collet Set (1/8" - 3/4" by 8th)	650132

Refer to pages 76-79 for Milling Accessories.

JET

STOCK NUMBER	690908 & 690918	690905 & 690907
Model Number	JTM-4VSCNC	JTM-4VSCNC
2-Axis CNC	690908	690905
3-Axis CNC	690918	690907
CNC Package	ACU-RITE MILLPWR®	ANILAM 3000M
Table Size (in.)	9 x 49	9 x 49
Spindle Taper	R-8	R-8
Quill Diameter (in.)	3-3/8	3-3/8
Number of Spindle Speeds	Variable	Variable
Range of Spindle Speeds (RPM)	60 - 4,200	60 - 4,200
Quill Down Feed Rates (IPR)	.0015 - .003 - .006	.0015 - .003 - .006
Spindle Travel (in.)	5	5
Head Movement (deg.)	90° R & L, 45° F & B	90° R & L, 45° F & B
Max Distance Spindle to Table (in.)	17-1/2	17-1/2
Distance Spindle to Column (max./in.)	19	19
Distance Spindle to Column (min./in.)	4-1/2	4-1/2
Collet Capacity	1/8 - 7/8	1/8 - 7/8
Table Longitudinal Travel (in.)	34	34
Table Cross Travel (in.)	12	12
T-Slots Number and Size (in.)	3 and 5/8	3 and 5/8
T-Slot Centers (in.)	2-1/2	2-1/2
Work Table Weight Capacity (lbs.)	660	660
Travel of Knee (in.)	14-1/2	14-1/2
Travel of Ram (in.)	13-3/8	13-3/8
Motor	3HP, 230/460V, 3Ph, Prewired 230V	3HP, 230/460V, 3Ph, Prewired 230V
Overall Dimensions (in./ L x W x H)	66 x 63 x 85	66 x 63 x 85
Net Weight (lbs.)	2,420	2,420



Precision Glass Scales to Provide Better Accuracy, Repeatability, Elimination of Backlash and Much More!

Packages also available in Step Pulley Mills—ask our customer relations associate for assistance.

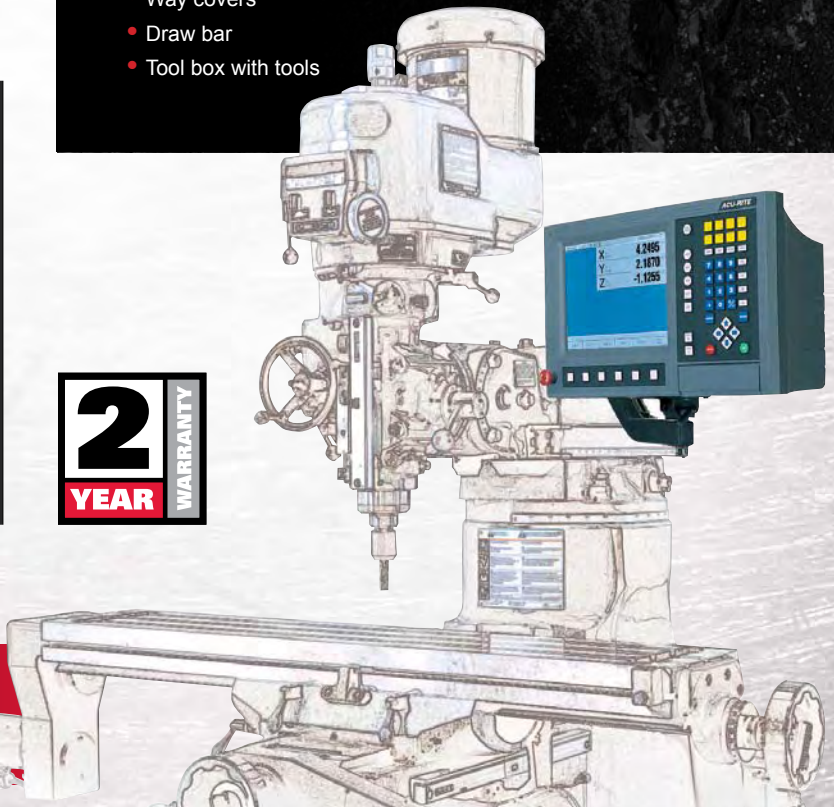
CNC VERTICAL MILLING MACHINE PACKAGES JTM-4VS

FEATURES OF THE JTM-4VS

- Meehanite casting
- Heavy-duty splined motor drive
- Three-stage power downfeed with automatic stop
- Adjustable gibs throughout
- Precision bored and honed milling head
- Large diameter quill is chromed
- High precision Class 7 spindle bearings
- Spindle head is internally cooled
- Satin chrome finished dials
- One-piece quill pinion and shaft
- Heavy-duty spindle brake
- Chrome plated motor shaft with lower bearing support
- Internal coolant tank built into base for use with coolant system (Coolant pump not included)
- Tolerance test sheet included

STANDARD EQUIPMENT

- Locks on all movable surfaces
- Precision hardened and ground ways and table
- One-shot lubrication system
- Way covers
- Draw bar
- Tool box with tools



MILLING