

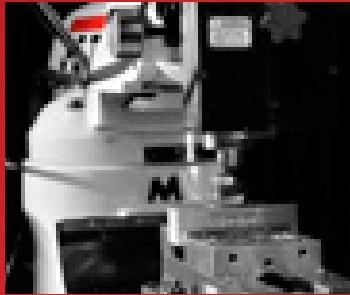


MILLING

JET Milling machines and components are manufactured to deliver precision cuts job after job. Industry professionals know JET Step Pulley, Variable Speed and CNC Mills provide the reliability and flexibility to keep even the busiest shops up and running, with superior results on every part turned out. Clearly-written, professional manuals get you started with ease, and every JET Mill is backed by our industry-leading Two Year Warranty.



PRECISE, EFFICIENT
& ACCURATE. TO
FIT YOUR SHOP'S
NEEDS.



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CNC VERTICAL MILLING MACHINE PACKAGES

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, allowing the user greater control and efficiency. Meehanite® casted JET Vertical Mills with CNC packages deliver accurate results every time.



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 JTM-1050

- Meehanite casting
- 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
- Heavy-duty motor drive
- One-piece quill pinion shaft
- Three-stage power downfeed with automatic stop
- Heavy-duty spindle brake
- Chrome plated motor shaft with lower bearing support at end
- Adjustable gibs throughout
- Internal coolant tank built into base for use with coolant system (Coolant pump not included)
- Tolerance test sheet included
- Locks on all movable surfaces
- Hardened and ground table

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 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

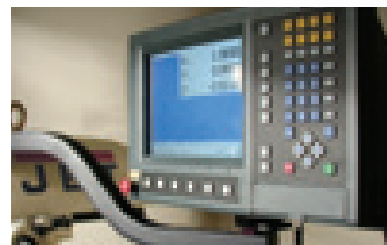
- Locks on all movable surfaces
- Precision hardened and ground ways and table
- One-shot lubrication system
- Way covers
- Draw bar
- Tool box with tools



JET CNC PACKAGES ALSO AVAILABLE WITH THE NEW ACU-RITE 3500I CONTROL!



STOCK NUMBER	690908 & 690918	690900 & 690910
Model Number	JTM-4VSCNC	JTM-1050CNC
2-Axis CNC	690908	690900
3-Axis CNC	690918	690910
CNC Package	ACU-RITE MILLPWR®	ACU-RITE MILLPWR®
Table Size (in.)	9 x 49	10 x 50
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	70 - 3,800
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	19
Distance Spindle to Column (max./in.)	19	26
Distance Spindle to Column (min./in.)	4-1/2	5-1/2
Collet Capacity	1/8 - 7/8	1/8 - 7/8
Table Longitudinal Travel (in.)	34	30
Table Cross Travel (in.)	12	15-1/4
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	720
Travel of Knee (in.)	14-1/2	14-1/4
Travel of Ram (in.)	13-3/8	20-1/2
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	96 x 69 x 87
Net Weight (lbs.)	2,420	3,200



10" FLAT PANEL, COLOR LCD DISPLAY TO VIEW IMMEDIATE GRAPHIC FEEDBACK



PRECISION GLASS SCALES FOR IMPROVED ACCURACY AND CONSISTENCY, ELIMINATION OF BACKLASH AND MUCH MORE!

CNC VERTICAL MILLING MACHINE PACKAGES



ADDITIONAL PACKAGES ARE AVAILABLE WITH THE ACU-RITE 3500I CONTROL. CONTACT CUSTOMER SERVICE AT 888-804-7129 FOR INFORMATION.



FEATURES OF THE JTM-1050EVS

- Meehanite casting
- Runs quieter and smoother than conventional variable speed head
- Large diameter quill is chromed
- High precision Class 7 spindle bearings
- Low maintenance head has less moving parts
- No belt slippage allows more power at the spindle
- Heavy-duty motor drive
- One-piece quill pinion shaft
- Heavy-duty spindle brake
- Adjustable gibs throughout

FEATURES OF THE JTM-1054R & JTM-1055

- Meehanite casting
- Hardened and ground table certified to be 52C Rockwell hardness
- Chrome leadscrews on X and Y axis
- Box style ways on Y and Z axis
- Satin chrome finished dials
- Precision bored and honed milling head
- Large diameter quill is chromed
- High precision Class 7 spindle bearings
- Chrome plated motor shaft has lower bearing support
- Motor pulleys are ground to increase belt lift
- One-piece quill pinion shaft

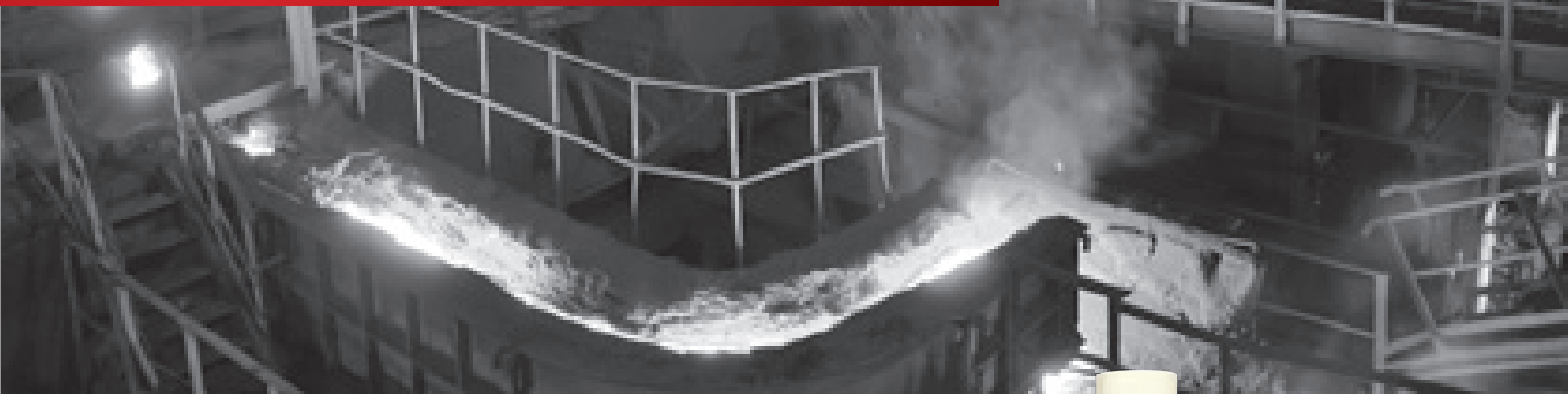
STANDARD EQUIPMENT

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

STOCK NUMBER	690902 & 690912	690904 & 690914	691924 & 691923	691925 & 691926
Model Number	JTM-1050EVS/230CNC	JTM-1050EVS/460CNC	JTM-1054R	JTM-1055
2-Axis CNC	690902	690904	691924	691925
3-Axis CNC	690912	690914	691923	691926
CNC Package	ACU-RITE MILLPWR®	ACU-RITE MILLPWR®	ACU-RITE MILLPWR®	ACU-RITE MILLPWR®
Table Size (in.)	10 x 50	10 x 50	10 x 54	10 x 54
Spindle Taper	R-8	R-8	R-8	NST #40
Quill Diameter (in.)	3-3/8	3-3/8	3-3/8	4-1/8
Number of Spindle Speeds	Variable	Variable	Variable	Variable
Range of Spindle Speeds (RPM)	10 - 3,600	10 - 3,600	80 - 3,800	80 - 3,800
Quill Down Feed Rates (IPR)	.0015 - .003 - .006	.0015 - .003 - .006	.0015 - .003 - .006	.0015 - .003 - .006
Spindle Travel (in.)	5	5	5	5
Head Movement (deg.)	90° R & L, 45° F & B	90° R & L, 45° F & B	90° R & L, 45° F & B	90° R & L
Max Distance Spindle to Table (in.)	19	19	20	20
Distance Spindle to Column (max./in.)	26	26	26	26
Distance Spindle to Column (min./in.)	5-1/2	5-1/2	5-1/2	5-1/2
Collet Capacity	1/8 - 7/8	1/8 - 7/8	1/8 - 7/8	1/8 - 7/8
Table Longitudinal Travel (in.)	30	30	32	32
Table Cross Travel (in.)	15-1/4	15-1/4	16	16
T-Slots Number and Size (in.)	3 and 5/8	3 and 5/8	3 and 5/8	3 and 5/8
T-Slot Centers (in.)	2-1/2	2-1/2	2-1/2	2-1/2
Work Table Weight Capacity (lbs.)	720	720	800	800
Travel of Knee (in.)	14-1/4	14-1/4	17-1/2	17-1/2
Travel of Ram (in.)	20-1/2	20-1/2	20-1/2	20-1/2
Motor	3HP, 230V Only, 3Ph	3HP, 460V Only, 3Ph	5HP, 230/460V, 3Ph, Prewired 230V	5HP, 230/460V, 3Ph, Prewired 230V
Overall Dimensions (in./ L x W x H)	96 x 71 x 88	96 x 71 x 88	108 x 80 x 80	108 x 80 x 92
Net Weight (lbs.)	3,000	3,000	3,300	3,000

MEEHANITE® OVERVIEW

FOR DECADES WE'VE BUILT JET MILLING MACHINES TO DEMANDING SPECIFICATIONS IN OUR SAME FACTORIES IN ORDER TO DELIVER CONSISTENT, WORLD CLASS QUALITY.



Meehanite® is a trademark for an engineering process to make many types of cast iron.

The production of Meehanite® metal requires know-how. At first, molten melt must have suitable mechanical properties required by the casting.

Not only is the chemical composition

important but also the control of super-cooling treatment to varying degree as determined by the amount of graphite ensures the strength and toughness of the finished material.

The Meehanite® process is not limited to controlling only the melt and material properties but rather is a total and integrated approach with systematic methodologies to all aspects of the casting production starting with the techniques of the casting process.

And the ultimate benefit to you is that your mill will retain its tolerances and the column will remain rigid through many years of machining!



JTM-1054R / JTM-1055

VARIABLE SPEED VERTICAL MILLING MACHINES

Combined durability and strength of Meehanite casting with the precision engineering of JET results in Variable Speed Vertical Milling Machines that turn out high quality components cut after cut. These heavy-duty mills are offered in both R-8 & NT-40 Spindles. All the features you've come to expect backed by the industry-leading JET Two Year Warranty.



FEATURES

- Meehanite® casting
- Box style ways on Y and Z axis
- High precision Class 7 spindle bearings
- Motor pulleys are ground to increase belt lift
- Hardened and ground table certified to be 52C Rockwell hardness
- Chrome leadscrews on X and Y axis
- Satin chrome finished dials
- Precision bored and honed milling head
- Large diameter quill is chromed
- Chrome plated motor shaft has lower bearing support
- One-piece quill pinion shaft

STANDARD EQUIPMENT

- One-shot lubrication system
- Way covers
- Draw bar
- Tool box with tools



HARDENED & GROUND 10X54" TABLE
CERTIFIED TO 52C ROCKWELL HARDNESS

STOCK NUMBER	690053	690055
Model Number	JTM-1054R	JTM-1055
Table Size (in.)	10 x 54	10 x 54
Spindle Taper	R-8	NST #40
Quill Diameter (in.)	3-3/8	4-1/8
Number of Spindle Speeds	Variable	Variable
Range of Spindle Speeds (RPM)	80 - 3,800	80 - 3,800
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
Max Distance Spindle to Table (in.)	20	20
Distance Spindle to Column (max./in.)	26	26
Distance Spindle to Column (min./in.)	5-1/2	5-1/2
Collet Capacity	1/8 - 7/8	1/8 - 7/8
Table Longitudinal Travel (in.)	32	32
Table Cross Travel (in.)	15-3/4	15-3/4
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.)	800	800
Travel of Knee (in.)	17-1/2	17-1/2
Travel of Ram (in.)	20-1/2	20-1/2
Motor	5HP, 230/460V, 3Ph, Prewired 230V	5HP, 230/460V, 3Ph, Prewired 230V
Overall Dimensions (in./ L x W x H)	108 x 80 x 80	108 x 80 x 92
Net Weight (lbs.)	3,630	3,630



ACU-RITE 300S - DRO



NEWALL DP700 - DRO



690055

JTM-1055 MILL AND ACCESSORY PACKAGES INSTALLED	
JTM-1055 with X Axis Powerfeed & Air Draw Bar	690255
JTM-1055 with X & Y Axis Powerfeeds	690218
JTM-1055 with X & Y Axis Powerfeeds & Air Draw Bar	690260
JTM-1055 with Acu-Rite VUE 2-Axis DRO & X-Axis Powerfeed	690275
JTM-1055 with Acu-Rite 200S 2-Axis DRO	690250
JTM-1055 with Acu-Rite 200S 2-Axis DRO & X-Axis Powerfeed	690220
JTM-1055 with Acu-Rite 200S 2-Axis DRO & X & Y Axis Powerfeed	690222
JTM-1055 with Acu-Rite 200S 2-Axis DRO & X & Y & Z-Axis Powerfeed	690229
JTM-1055 with Acu-Rite 300S 2-Axis DRO & X-Axis Powerfeed	690320
JTM-1055 with Acu-Rite 300S 2-Axis DRO & X & Y Axis Powerfeed	690321
JTM-1055 with Newall DP700 2-Axis DRO	691222
JTM-1055 with Newall DP700 2-Axis DRO & X-Axis Powerfeed	691223
JTM-1055 with Newall DP700 2-Axis DRO & X & Y & Z-Axis Powerfeeds	691233
JTM-1055 with Newall DP700 2-Axis DRO & X & Y-Axis Powerfeeds	691224
JTM-1055 with Newall DP700 3-Axis DRO (Quill)	691225
JTM-1055 with Newall DP700 3-Axis DRO & X-Axis Powerfeed (Quill)	691226
JTM-1055 with Newall DP700 3-Axis DRO & X & Y-Axis Powerfeeds (Quill)	691227
JTM-1055 with Newall DP700 3-Axis DRO & X-Axis Powerfeed (Knee)	691238

JTM-1054R MILL AND ACCESSORY PACKAGES INSTALLED	
JTM-1054R with X Axis Powerfeed & Air Draw Bar	690274
JTM-1054R with Acu-Rite VUE 2-Axis DRO & X-Axis Powerfeed	690270
JTM-1054R with Acu-Rite VUE 2-Axis DRO & X-Axis Powerfeed & Air Draw Bar	690052
JTM-1054R with Acu-Rite VUE 2-Axis DRO & X & Y-Axis Powerfeeds	690272
JTM-1054R with Acu-Rite 200S 2-Axis DRO & X-Axis Powerfeed	690271
JTM-1054R with Acu-Rite 200S 2-Axis DRO & X & Y & Z-Axis Powerfeed	691292
JTM-1054R with Acu-Rite 300S 2-Axis DRO & X-Axis Powerfeed	690322

JTM-1050EVS ELECTRONIC VARIABLE SPEED VERTICAL MILLING MACHINE

The rugged stability of Meehanite casting enhances the overall precision of the JET JTM-1050EVS. Chrome lead screws on X & Y axis, no-slippage belt and heavy-duty motor drive enhance the user experience and operational efficiency. This is the Electronic Variable Speed Vertical Milling Machine for your shop.



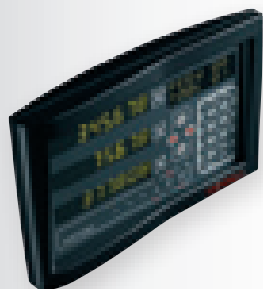
FEATURES

- Runs quieter and smoother than conventional variable speed head
- Low maintenance head has less moving parts
- Meehanite® casting
- Turcite B on X axis and Y axis
- No fuse breaker power connection
- Chrome plated motor shaft with bearing support at end
- No belt slippage allows more power at the spindle
- Hardened and ground table
- Chrome lead screws on X and Y axis
- Large diameter quill is chromed
- High precision Class 7 spindle bearings
- Heavy-duty motor drive
- One-piece quill pinion and shaft

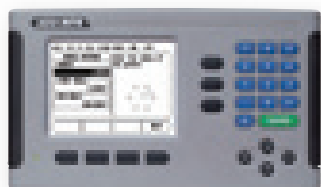
STANDARD EQUIPMENT

- One-shot lubrication system
- Chip Pan
- Way Covers
- Draw bar
- Tool box and tools

STOCK NUMBER	690060	690062
Model Number	JTM-1050EVS/230	JTM-1050EVS/460
Table Size (in.)	10 x 50	10 x 50
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)	10 - 3,600	10 - 3,600
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.)	19	19
Distance Spindle to Column (max./in.)	26	26
Distance Spindle to Column (min./in.)	5-1/2	5-1/2
Collet Capacity	1/8 - 7/8	1/8 - 7/8
Table Longitudinal Travel (in.)	30	30
Table Cross Travel (in.)	15-1/4	15-1/4
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.)	720	720
Travel of Knee (in.)	14-1/4	14-1/4
Travel of Ram (in.)	20-1/2	20-1/2
Motor	3HP, 230V Only, 3Ph	3HP, 460V Only, 3Ph
Overall Dimensions (in./ L x W x H)	96 x 71 x 88	96 x 71 x 88
Net Weight (lbs.)	3,000	3,000



NEWALL DP700 - DRO



ACU-RITE 2005 - DRO



690060

JTM-1050EVS MILL AND ACCESSORY PACKAGES INSTALLED

JTM-1050EVS/230 with X Axis Powerfeed	690011
JTM-1050EVS/230 with Acu-Rite 200S 3-Axis DRO (Knee)	690056
JTM-1050EVS/230 with Acu-Rite 200S 3-Axis DRO & X & Y-Axis Powerfeed & Air Draw Bar (Knee)	690124
JTM-1050EVS/230 with Acu-Rite 200S 2-Axis DRO & X-Axis Powerfeed	690127
JTM-1050EVS/230 with Acu-Rite 200S 3-Axis DRO & X & Y-Axis Powerfeed (Knee)	690155
JTM-1050EVS/230 with Acu-Rite 200S 2-Axis DRO & X-Axis Powerfeed & Air Draw Bar	690257
JTM-1050EVS/230 with Acu-Rite 300S 2-Axis DRO & X-Axis Powerfeed & Air Draw Bar	690300
JTM-1050EVS/230 with Acu-Rite 300S 3-Axis DRO & X & Y-Axis Powerfeed (Knee)	690310
JTM-1050EVS/230 with Acu-Rite 300S 2-Axis DRO & X-Axis Powerfeed	690311
JTM-1050EVS/230 with Acu-Rite 300S 2-Axis DRO & X & Y Axis Powerfeed	690312
JTM-1050EVS/230 with Acu-Rite VUE 2-Axis DRO & X-Axis Powerfeed	690404
JTM-1050EVS/230 with Acu-Rite 200S 2-Axis DRO & X & Y Axis Powerfeed	690406
JTM-1050EVS/230 with Acu-Rite VUE 2-Axis DRO & X & Z-Axis Powerfeeds	690414
JTM-1050EVS/230 with Acu-Rite 300S DRO, X, Y & Z-Axis Powerfeeds & Air Draw Bar	690273
JTM-1050EVS/230 with Newall DP700 3-Axis DRO, X & Z-Axis Powerfeeds (Quill)	690326
JTM-1050EVS/230 with Newall DP700 3-Axis DRO, X & Z-Axis Powerfeeds (Knee)	690223
JTM-1050EVS/230 with Newall DP700 2-Axis DRO	691210
JTM-1050EVS/230 with Newall DP700 2-Axis DRO & X-Axis Powerfeed	691211
JTM-1050EVS/230 with Newall DP700 2-Axis DRO & X & Y-Axis Powerfeeds	690129
JTM-1050EVS/230 with Newall DP700 3-Axis DRO (Quill)	691213
JTM-1050EVS/230 with Newall DP700 3-Axis DRO & X-Axis Powerfeed (Quill)	691214
JTM-1050EVS/230 with Newall DP700 3-Axis DRO & X & Y-Axis Powerfeeds (Quill)	691215

JTM-1050EVS/460 MILL AND ACCESSORY PACKAGES INSTALLED

JTM-1050EVS/460 with X Axis Powerfeed	690189
JTM-1050EVS/460 with Acu-Rite VUE 2-Axis DRO & X-Axis Powerfeed	690405
JTM-1050EVS/460 with Acu-Rite 200S 2-Axis DRO & X-Axis Powerfeed	690137
JTM-1050EVS/460 with Acu-Rite 200S 2-Axis DRO & X & Y Axis Powerfeed	690154
JTM-1050EVS/460 with Acu-Rite 200S 3-Axis DRO & X-Axis Powerfeed (Knee)	690138
JTM-1050EVS/460 with Acu-Rite 300S 2-Axis DRO & X-Axis Powerfeed	690316
JTM-1050EVS/460 with Acu-Rite 300S 2-Axis DRO & X & Y Axis Powerfeed	690313
JTM-1050EVS/460 with Newall DP700 2-Axis DRO	691216
JTM-1050EVS/460 with Newall DP700 2-Axis DRO & X-Axis Powerfeed	691217
JTM-1050EVS/460 with Newall DP700 2-Axis DRO & X & Y-Axis Powerfeeds	691218
JTM-1050EVS/460 with Newall DP700 2-Axis DRO & X & Y-Axis Powerfeeds & Air Draw Bar	691231
JTM-1050EVS/460 with Newall DP700 3-Axis DRO (Quill)	691219
JTM-1050EVS/460 with Newall DP700 3-Axis DRO & X-Axis Powerfeed (Quill)	691220
JTM-1050EVS/460 with Newall DP700 3-Axis DRO & X & Y-Axis Powerfeeds (Quill)	691221

JTM-1050 VARIABLE SPEED VERTICAL MILLING MACHINE

Like all JET Milling Machines, the JTM-1050 features Meehanite casting, large heavy-duty 10x50 table and precision engineering. Shop professionals who demand only the best know this JET Variable Speed Vertical Milling Machine is up to any task.



FEATURES

- Meehanite® casting
- Chrome lead screws on X and Y axis
- Turcite B on X and Y axis
- Precision bored and honed milling head
- High precision Class 7 spindle bearings
- No Fuse breaker power connection
- Hardened and ground table
- Satin chrome finished dials
- Large diameter quill is chromed
- Spindle head is internally cooled
- Heavy-duty motor drive
- Chrome plated motor shaft with bearing support at end
- One-piece quill pinion and shaft

STANDARD EQUIPMENT

- One-shot lubrication system
- Way covers
- Draw bar
- Tool box with tools



LARGE 10X50 HARDENED AND GROUND TABLE

STOCK NUMBER	690050
Model Number	JTM-1050
Table Size (in.)	10 x 50
Spindle Taper	R-8
Quill Diameter (in.)	3-3/8
Number of Spindle Speeds	Variable
Range of Spindle Speeds (RPM)	70 - 3,800
Quill Down Feed Rates (IPR)	.0015 - .003 - .006
Spindle Travel (in.)	5
Head Movement (deg.)	90° R & L, 45° F & B
Max Distance Spindle to Table (in.)	19
Distance Spindle to Column (max./in.)	26
Distance Spindle to Column (min./in.)	5-1/2
Collet Capacity	1/8 - 7/8
Table Longitudinal Travel (in.)	30
Table Cross Travel (in.)	15-1/4
T-Slots Number and Size (in.)	3 and 5/8
T-Slot Centers (in.)	2-1/2
Work Table Weight Capacity (lbs.)	720
Travel of Knee (in.)	14-1/4
Travel of Ram (in.)	20-1/2
Motor	3HP, 230/460V, 3Ph, Prewired 230V
Overall Dimensions (in./ L x W x H)	96 x 78 x 88
Net Weight (lbs.)	2,900



JTM-1050 MILL AND ACCESSORY PACKAGES INSTALLED

JTM-1050 with X Axis Powerfeed	690120
JTM-1050 with X & Y Axis Powerfeeds	690150
JTM-1050 with Acu-Rite VUE 2-Axis DRO & X-Axis Powerfeed	690403
JTM-1050 with Acu-Rite VUE 2-Axis DRO & X & Y-Axis Powerfeeds	690409
JTM-1050 with Acu-Rite 200S 2-Axis DRO & X-Axis Powerfeed	690117
JTM-1050 with Acu-Rite 200S 2-Axis DRO & X-Axis Powerfeed & Riser Block	690216
JTM-1050 with Acu-Rite 200S 2-Axis DRO & X-Axis Powerfeed, Air Draw Bar & Riser Block	690235
JTM-1050 with Acu-Rite 200S 2-Axis DRO & X & Y Axis Powerfeed	690214
JTM-1050 with Acu-Rite 200S 3-Axis DRO & X-Axis Powerfeed (Quill)	690158
JTM-1050 with Acu-Rite 200S 3-Axis DRO & X & Y-Axis Powerfeed (Quill)	690159
JTM-1050 with Acu-Rite 200S 3-Axis DRO & X & Y & Z Powerfeed (Quill)	690160
JTM-1050 with Acu-Rite 200S 3-Axis DRO & X & Y Powerfeed & Air Draw Bar (Quill)	690151
JTM-1050 with Acu-Rite 300S 2-Axis DRO & X-Axis Powerfeed	690306
JTM-1050 with Acu-Rite 300S 2-Axis DRO & X & Y Axis Powerfeed	690307
JTM-1050 with Newall DP700 2-Axis DRO	691204
JTM-1050 with Newall DP700 2-Axis DRO & Air Draw Bar	691172
JTM-1050 with Newall DP700 2-Axis DRO & X-Axis Powerfeed	691205
JTM-1050 with Newall DP700 2-Axis DRO & X & Y-Axis Powerfeeds	691206
JTM-1050 with Newall DP700 3-Axis DRO (Quill)	691207
JTM-1050 with Newall DP700 3-Axis DRO & X-Axis Powerfeed (Quill)	691208
JTM-1050 with Newall DP700 3-Axis DRO & X & Y-Axis Powerfeeds (Quill)	691209
JTM-1050 with Newall DP700 3-Axis DRO & X & Y & Z Powerfeed & Air Draw Bar (Quill)	690234
JTM-1050 with Newall DP700 3-Axis DRO & X-Axis Powerfeed (Knee)	691234
JTM-1050 with Newall DP700 3-Axis DRO & X & Y-Axis Powerfeeds (Knee)	691235



NEWALL DP700 - DRO



ACU-RITE 300S - DRO

JTM-4VS VARIABLE SPEED VERTICAL MILLING MACHINE

Constructed using the Meehanite® casting process, JET Variable Speed Milling Machines provide consistent and reliable operation. Precision bored and honed milling heads ensure quality cuts, and the three-stage power downfeed with automatic stop makes the JET Variable Speed Milling Machines easy to use. These machines deliver everything you've come to expect from JET, and so much more.



FEATURES

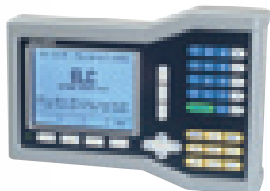
- Meehanite® casting
- Heavy-duty splined motor drive
- Three-stage power downfeed with automatic stop
- Adjustable gibs throughout
- Precision bored and honed milling head
- Large diameter quill is chromed
- High precision Class 7 spindle bearings
- Spindle head is internally cooled
- Satin chrome finished 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



ACU-RITE 2005 - DRO



ACU-RITE VUE - DRO

STOCK NUMBER	690180	690182
Model Number	JTM-4VS-1	JTM-4VS
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 (per./rev./in.)	.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	2HP, 115/230V, 1Ph, 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



690182 SHOWN WITH
OPTIONAL DRO AND
TABLE POWERFEED

JTM-4VS MILL AND ACCESSORY PACKAGES INSTALLED

JTM-4VS with X Axis Powerfeed	690183
JTM-4VS with Air Draw Bar	690119
JTM-4VS with X & Y Axis Powerfeeds	690008
JTM-4VS with X, Y & Z Axis Powerfeeds	690013
JTM-4VS with X & Y Axis Powerfeeds & Air Draw Bar	690009
JTM-4VS with Acu-Rite VUE 2-Axis DRO & X-Axis Powerfeed	690401
JTM-4VS with Acu-Rite VUE 2-Axis DRO & X-Axis Powerfeed & Air Draw Bar	690415
JTM-4VS with Acu-Rite VUE 2-Axis DRO & X & Y-Axis Powerfeeds	690420
JTM-4VS with Acu-Rite VUE 2-Axis DRO & X & Y & Z-Axis Powerfeeds	690417
JTM-4VS with Acu-Rite VUE 3-Axis DRO (Knee) & X-Axis Powerfeed	690408
JTM-4VS with Acu-Rite VUE 3-Axis DRO (Quill) & X & Y-Axis Powerfeeds	690416
JTM-4VS with Acu-Rite VUE 3-Axis DRO (Knee) & X & Y & Z-Axis Powerfeeds	690418
JTM-4VS with Acu-Rite 200S 2-Axis DRO	690202
JTM-4VS with Acu-Rite 200S 2-Axis DRO & X-Axis Powerfeed & Air Draw Bar	690125
JTM-4VS with Acu-Rite 200S 2-Axis DRO & X & Y Axis Powerfeed	690098
JTM-4VS with Acu-Rite 200S 2-Axis DRO & X & Y-Axis Powerfeed & Air Draw Bar	690230
JTM-4VS with Acu-Rite 200S 2-Axis DRO & X & Y & Z-Axis Powerfeed	690099
JTM-4VS with Acu-Rite 200S 3-Axis DRO (Quill)	690184
JTM-4VS with Acu-Rite 200S 3-Axis DRO & X-Axis Powerfeed (Quill)	690221
JTM-4VS with Acu-Rite 200S 3-Axis DRO & X-Axis Powerfeed & Air Draw Bar (Quill)	690251
JTM-4VS with Acu-Rite 200S 3-Axis DRO & X & Y-Axis Powerfeed (Quill)	690140
JTM-4VS with Acu-Rite 200S 3-Axis DRO & X & Y & Z Powerfeed (Quill)	690141
JTM-4VS with Acu-Rite 200S 3-Axis DRO & X & Y & Z Powerfeed & Air Draw Bar (Quill)	690153
JTM-4VS with Acu-Rite 300S 2-Axis DRO & X-Axis Powerfeed	690301
JTM-4VS with Acu-Rite 300S 2-Axis DRO & X & Y Axis Powerfeed	690302
JTM-4VS with Newall DP700 2-Axis DRO	691200
JTM-4VS with Newall DP700 2-Axis DRO & X-Axis Powerfeed	690087

JTM-4VS with Newall DP700 2-Axis DRO & X & Y-Axis Powerfeeds	691201
JTM-4VS with Newall DP700 3-Axis DRO (Quill)	691202
JTM-4VS with Newall DP700 3-Axis DRO & X-Axis Powerfeed (Quill)	690090
JTM-4VS with Newall DP700 3-Axis DRO & X & Y-Axis Powerfeeds (Quill)	691203
JTM-4VS with Newall DP700 3-Axis DRO & X-Axis Powerfeed (Knee)	691232
JTM-4VS with Newall DP700 3-Axis DRO & X & Y & Z Axis Powerfeed (Knee)	690093

JTM-4VS-1 MILL AND ACCESSORY PACKAGES INSTALLED

JTM-4VS-1 with X Axis Powerfeed	690178
JTM-4VS-1 with Acu-Rite VUE 2-Axis DRO & X-Axis Powerfeed	690402
JTM-4VS-1 with Acu-Rite VUE 2-Axis DRO & X & Y-Axis Powerfeeds	690407
JTM-4VS-1 with Acu-Rite VUE 3-Axis DRO (Quill) & X-Axis Powerfeed	690410
JTM-4VS-1 with Acu-Rite VUE 3-Axis DRO (Quill) & X & Y-Axis Powerfeeds	690413
JTM-4VS-1 with Acu-Rite VUE 3-Axis DRO (Knee) & X-Axis Powerfeed	690411
JTM-4VS-1 with Acu-Rite VUE 3-Axis DRO (Knee) & X & Y-Axis Powerfeeds	690412
JTM-4VS-1 with Acu-Rite 200S 2-Axis DRO & X-Axis Powerfeed	690179
JTM-4VS-1 with Acu-Rite 200S 3-Axis DRO & X & Y-Axis Powerfeed (Quill)	690068
JTM-4VS-1 with Acu-Rite 300S 2-Axis DRO & X-Axis Powerfeed	690303
JTM-4VS-1 with Acu-Rite 300S 3-Axis DRO & X & Y-Axis Powerfeed (Quill)	690118

CALL FOR ADDITIONAL PACKAGES

JTM-1/2 STEP PULLEY MILLING MACHINES

Three-stage power down feed with auto stop, high precision Class 7 spindle bearings and the rugged stability of Meehanite casting ensures you get everything you need from the JET JTM-1 and 2 models. The internally cooled spindle head prevents seizing, and JET precision engineering ensures superior results throughout this machine's long life.



FEATURES

- Meehanite® casting
- High precision Class 7 spindle bearings
- Heavy-duty splined motor drive
- Three-stage power downfeed with automatic stop
- Precision bored and honed milling head
- Large diameter quill is chromed
- Spindle head is internally cooled
- Satin chrome finished dials
- One-piece quill pinion and shaft
- Heavy-duty spindle brake

STANDARD EQUIPMENT

- One-shot lubrication system
- Way covers
- Draw bar
- Tool box with tools

STOCK NUMBER	690082	690089
Model Number	JTM-1	JTM-2
Table Size (in.)	9 x 42	9 x 42
Spindle Taper	R-8	R-8
Quill Diameter (in.)	3-3/8	3-3/8
Number of Spindle Speeds	16	8
Range of Spindle Speeds (RPM)	80 - 5,440	80 - 2,720
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.)	23-7/8	23-7/8
Table Cross Travel (in.)	12-1/2	12-1/2
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.)	550	550
Travel of Knee (in.)	14-1/2	14-1/2
Travel of Ram (in.)	13-3/8	13-3/8
Motor	2HP, 230V, 3Ph	2HP, 115/230V, 1Ph, Prewired 230V
Overall Dimensions (in./ L x W x H)	57 x 64 x 82	57 x 64 x 82
Net Weight (lbs.)	2,200	2,200



JTM-1 MILL AND ACCESSORY PACKAGES INSTALLED

JTM-1 with X Axis Powerfeed	690019
JTM-1 with X Axis X & Y Axis Powerfeeds	690097
JTM-1 with X Axis Acu-rite VUE 2-Axis DRO	690280
JTM-1 with X Axis Acu-rite VUE 2-Axis DRO & X-Axis Powerfeed	690281
JTM-1 with X Axis Acu-rite VUE 2-Axis DRO & X & Y-Axis Powerfeeds	690282
JTM-1 with X Axis Acu-Rite 200S 2-Axis DRO	690244
JTM-1 with X Axis Acu-Rite 200S 2-Axis DRO & X-Axis Powerfeed	690168
JTM-1 with X Axis Acu-Rite 200S 2-Axis DRO & X & Y Axis Powerfeed	690161
JTM-1 with X Axis Newall DP700 2-Axis DRO	691187
JTM-1 with X Axis Newall DP700 2-Axis DRO & X-Axis Powerfeed	691188
JTM-1 with X Axis Newall DP700 2-Axis DRO & X & Y-Axis Powerfeeds	691189
JTM-1 with X Axis Newall DP700 3-Axis DRO (Quill)	691190
JTM-1 with X Axis Newall DP700 3-Axis DRO & X-Axis Powerfeed (Quill)	691191
JTM-1 with X Axis Newall DP700 3-Axis DRO & X & Y-Axis Powerfeeds (Quill)	691192
JTM-1 with X Axis Newall DP700 3-Axis DRO (Knee)	691196

JTM-2 MILL AND ACCESSORY PACKAGES INSTALLED

JTM-2 with X Axis Powerfeed	690006
JTM-2 with X & Y Axis Powerfeeds	690017
JTM-2 with Acu-rite VUE 2-Axis DRO	690283
JTM-2 with Acu-rite VUE 2-Axis DRO & X-Axis Powerfeed	690286
JTM-2 with Acu-rite VUE 2-Axis DRO & X & Y-Axis Powerfeeds	690285
JTM-2 with Acu-Rite 200S 2-Axis DRO & X-Axis Powerfeed	690114
JTM-2 with Acu-Rite 200S 2-Axis DRO & X & Y Axis Powerfeed	690210
JTM-2 with Acu-Rite 200S 3-Axis DRO & X-Axis Powerfeed (Quill)	690072
JTM-2 with Acu-Rite 200S 3-Axis DRO & X & Y-Axis Powerfeed (Quill)	690157
JTM-2 with Acu-Rite 200S 3-Axis DRO (Knee)	69088
JTM-2 with Newall DP700 2-Axis DRO	691193
JTM-2 with Newall DP700 2-Axis DRO & X-Axis Powerfeed	691194
JTM-2 with Newall DP700 2-Axis DRO & X & Y-Axis Powerfeeds	691195
JTM-2 with Newall DP700 3-Axis DRO (Quill)	691197
JTM-2 with Newall DP700 3-Axis DRO & X-Axis Powerfeed (Quill)	691198
JTM-2 with Newall DP700 3-Axis DRO & X & Y-Axis Powerfeeds (Quill)	691199

CALL FOR ADDITIONAL PACKAGES

JVM-836-1/3 STEP PULLEY MILLING MACHINE

Precision bored and honed milling head ensures your JET mill retains its tolerances for precision results throughout the life of your machine. Locks on all moveable parts protect against accidents. An industry-leading Two Year Warranty illustrates just how confident JET is in every piece of equipment we deliver.



FEATURES

- Precision bored and honed milling head
- High precision spindle bearings
- Over 10" of front to back ram travel
- Large diameter quill is chromed
- Locks on all movable surfaces
- Hardened and ground precision table
- Head tilts left or right

STANDARD EQUIPMENT

- One-shot lubrication system
- Way Covers
- Draw bar
- Tool box and tools

STOCK NUMBER	690036	690038
Model Number	JVM-836-1	JVM-836-3
Table Size (in.)	7-7/8 x 35-3/4	7-7/8 x 35-3/4
Spindle Taper	R-8	R-8
Quill Diameter (in.)	3-3/8	3-3/8
Number of Spindle Speeds	5	10
Range of Spindle Speeds (RPM)	240 - 1,550	120 - 1,550
Spindle Travel (in.)	5	5
Head Movement (deg.)	90° R & L	90° R & L
Max Distance Spindle to Table (in.)	13-3/4	13-3/4
Distance Spindle to Column (max./in.)	15-3/4	15-3/4
Distance Spindle to Column (min./in.)	5-1/4	5-1/4
Collet Capacity	1/8 - 7/8	1/8 - 7/8
Table Longitudinal Travel (in.)	22-1/4	22-1/4
Table Cross Travel (in.)	9-1/2	9-1/2
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.)	500	500
Travel of Knee (in.)	14	14
Travel of Ram (in.)	10-1/2	10-1/2
Motor	1-1/2HP, 115/230V, 1Ph, Prewired115V	1-1/2HP, 230V Only, 3Ph
Overall Dimensions (in./ L x W x H)	55 x 52 x 78	55 x 52 x 78
Net Weight (lbs.)	1,617	1,610



JVM-836-1 MILL AND ACCESSORY PACKAGES INSTALLED

JVM-836-1 with X Axis Powerfeed	690156
JVM-836-1 with X & Y Axis Powerfeeds	690211
JVM-836-1 with Acu-Rite VUE 2-Axis DRO	690239
JVM-836-1 with Acu-Rite VUE 2-Axis DRO & X-Axis Powerfeed	690198
JVM-836-1 with Acu-Rite VUE 2-Axis DRO & X & Y-Axis Powerfeeds	690212
JVM-836-1 with Acu-Rite VUE 3-Axis DRO (Quill) & X-Axis Powerfeed	690213
JVM-836-1 with Acu-Rite 200S 2-Axis DRO	690177
JVM-836-1 with Acu-Rite 200S 2-Axis DRO & X-Axis Powerfeed	690144
JVM-836-1 with Acu-Rite 200S 2-Axis DRO & X & Y Axis Powerfeed	690162
JVM-836-1 with Newall DP700 2-Axis DRO	691173
JVM-836-1 with Newall DP700 2-Axis DRO & X-Axis Powerfeed	691174
JVM-836-1 with Newall DP700 2-Axis DRO & X & Y-Axis Powerfeeds	691175
JVM-836-1 with Newall DP700 3-Axis DRO (Quill)	691176
JVM-836-1 with Newall DP700 3-Axis DRO & X-Axis Powerfeed (Quill)	691177
JVM-836-1 with Newall DP700 3-Axis DRO & X & Y-Axis Powerfeeds (Quill)	691178
JVM-836-1 with Newall DP700 3-Axis DRO (Knee)	691228

JVM-836-3 MILL AND ACCESSORY PACKAGES INSTALLED

JVM-836-3 with X Axis Powerfeed	690174
JVM-836-3 with X & Y Axis Powerfeeds	690175
JVM-836-3 with Acu-Rite VUE 2-Axis DRO	690191
JVM-836-3 with Acu-Rite VUE 2-Axis DRO & X-Axis Powerfeed	690194
JVM-836-3 with Acu-Rite 200S 2-Axis DRO	690190
JVM-836-3 with Acu-Rite 200S 2-Axis DRO & X-Axis Powerfeed	690146
JVM-836-3 with Newall DP700 2-Axis DRO	691179
JVM-836-3 with Newall DP700 2-Axis DRO & X-Axis Powerfeed	691180
JVM-836-3 with Newall DP700 2-Axis DRO & X & Y-Axis Powerfeeds	691183
JVM-836-3 with Newall DP700 3-Axis DRO (Quill)	691184
JVM-836-3 with Newall DP700 3-Axis DRO & X-Axis Powerfeed (Quill)	691185
JVM-836-3 with Newall DP700 3-Axis DRO & X & Y-Axis Powerfeeds (Quill)	691186

CALL FOR ADDITIONAL PACKAGES

JMD MILLING DRILLING MACHINES

Mill drills are a lighter alternative to a milling machine. These combine a belt driven drill press with the dual coordinate abilities of the milling machine's table for flexibility and efficiency. A locking collet prevents the cutting tool from falling away from the spindle when lateral forces are experienced against the bit. Although light in construction, the JMD Milling Drilling Machines possess the advantages of space-saving versatility, affordability and light machining capability.



FEATURES

- One-piece cast iron column for added support
- UL Listed motor
- New positive quick-stop knob and easy-to-read internal depth gauge (external on JMD-15)
- Forward and reverse switch on JMD-18
- Belt cover – quick slide latch allows faster belt adjustment to change spindle speeds

STANDARD EQUIPMENT

- Worklamp
- Adjustable carbide facemill
- Drill press angle vise
- 1/2" drill chuck, chuck arbor
- Draw bar
- Drill chuck guard



NEW DRILL CHUCK SAFETY SHIELD ON THE JMD-18

STOCK NUMBER	350017	350018	350020
Model Number	JMD-15	JMD-18	JMD-18PFN
Drilling Capacity (in.)	1	1-1/4	1-1/4
Face Mill Capacity (in.)	2-1/2	3	3
End Mill Capacity (in.)	1/2	3/4	3/4
Swing (in.)	14-1/2	15-7/8	15-7/8
Max Distance Spindle to Table (in.)	15	18	26
Spindle Taper	R-8	R-8	R-8
Spindle Travel Manual (in.)	3-1/2	5	5
Spindle Travel Auto (in.)	-	-	4-1/4
Quill Diameter (in.)	2-7/16	3	3
Column Diameter (in.)	3-5/8	4-1/2	4-1/2
Number of Spindle Speeds	12	12	12
Range of Spindle Speeds (RPM)	110 - 2,580	150 - 3,000	150 - 3,000
Max. Table Travel (in.)	14	20-1/2	20-1/2
Cross Travel (in.)	5-1/2	6-1/2	6-1/2
Working Surface of Table (in.)	7-1/2 x 23	9-1/2 x 32-1/4	9-1/2 x 32-1/4
T-Slots, Number and Size (in.)	4 and 9/16	4 and 5/8	4 and 5/8
T-Slot Centers (in.)	1-13/16	1-13/16	1-13/16
Base Dimensions (in.)	12-1/2 x 19-3/4	15-3/4 x 23-3/4	15-3/4 x 23-3/4
Motor (UL Listed)	1HP, 1Ph, 115/230V Prewired 115V	2HP, 115/230V Prewired 115V	2HP, 1Ph, 230V Only
Overall Dimensions (in./ L x W x H)	38 x 37-1/2 x 42	47 x 40 x 51	47 x 40 x 51
Net Weight (lbs.)	370	580	600

350018
SHOWN WITH
OPTIONAL STAND
350045



MILL / DRILL PACKAGES	STOCK NUMBER
JMD-18 Mill/Drill w/Acu-Rite VUE	350401
JMD-18PFN Mill/Drill w/Acu-Rite VUE	350402

OPTIONAL EQUIPMENT	STOCK NUMBER
Stand with Enclosed Shelf	350045
Powerfeed (JMD-18, 18PF Only)	350083
Clamping Kit for JMD-18 & JMD-18PFN	660038



660012



ACU-RITE VUE - DRO

ACCESSORIES

JET has the tool kits and accessories you need to ensure superior performance of your Milling Machine.



MILLING TOOL KITS

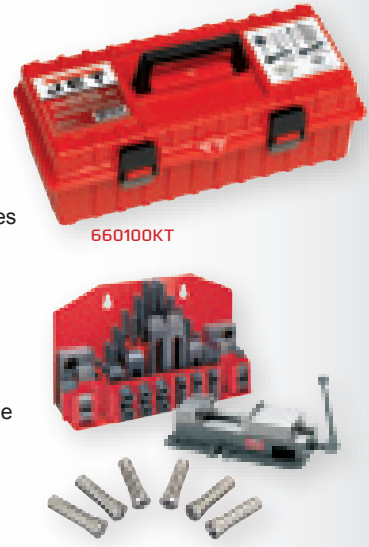
660220 24 PC. MILLING TOOL KIT FOR R8-SPINDLE MILLING MACHINES INCLUDES:

- 5 pc Wiggler Set
- 5pc 1/2" HSS Boring Bars
- 1pc Drill Drift
- 3pc Edge Finders
- 1pc Arbor JT6 to R8
- 1pc Adapter R8 to MT3
- 1pc 3/4" Shank
- 1pc 3/4" Boring Head
- 3pc. Hex Keys
- 1pc 2-1/2" Fly Cutter
- 1pc 3/8 x 3" Square Tool Bit
- 1pc Blank R8 Arbor



660100KT MILLING ACCESSORY KIT INCLUDES:

- 650132 Collet Set CS-R8, 6 pc. R-8 Collet Set 1/8" - 3/4" by 1/8ths for Mills
- 660012 Clamping Kit includes metal storage tray can be mounted on machine or wall, Three complete sets to choose from 52 pc. kit includes: Six T-slot nuts
- 660220 Tooling Kit 24 pc. Milling Tool Kit for R8-Spindle Milling Machines and 63186 Verti-lock Machine Vise



MILLING CHUCK AND COLLET SETS

- 17 pc. set in a wooden case
- Can quickly change from one shank size to another without loosening the draw bar
- 15 precision spring collets take the place of 15 individual adaptors
- Can be used for milling, drilling, reaming and boring operations
- Complete with spanner wrenches
- Collets are in increments of 1/16"
- T.I.R. at 2-3/8" is 0.0008"

STOCK NUMBER	466001
Model Number	CCS-1
Shank Taper	R-8
Capacity (in.)	1/8- 1



R8 COLLET SETS AND RACKS

- Precision hardened and ground
- Premium collets with 0.0005mm T.I.R.
- R8 Collets for use on milling machines

STOCK NO.	DESCRIPTION
650132	CS-R8, 6 pc. R-8 Collet Set 1/8" - 3/4" by 1/8ths for Mills
650133	6 pc. Premium R-8 Collet Set 1/8"-3/4" by 1/8th with Rack
650135	19 pc. Premium R-8 Collet Set 2mm - 20mm by 1mm with Rack
650136	Metal Collet Rack holds 12 R8 Collets
650137	Metal Collet Rack holds 48 R8 Collets
650138	Wooden Collet Rack holds 14 R8 Collets



TiN COATED END MILL SETS

- TiN (Titanium Nitride) coating provides extreme hardness and heat resistance allowing tool to run at higher speeds and feeds.
- Excellent for general-purpose use as TiN provides higher lubricity for freer chip flow, reduced buildup edge formations and catering.
- Square end mill types are used for general milling applications

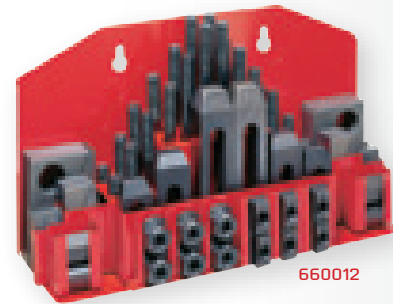
STOCK NUMBER	DESCRIPTION
650210	20 PC TiN Coated Double End Mill Set 3/16-3/4" by 16ths 1 ea 2 & 4 flute
650211	20 PC TiN Coated Single End Mill Set 3/16-3/4" by 16ths 1 ea 2 & 4 flute



CLAMPING KITS

- Metal storage tray can be mounted on machine or wall
- Three complete sets to choose from
- 52 pc. kit includes: Six T-slot nuts, Six Flange nuts, Four Coupling nuts, Six Step blocks, Six Step clamps, Twenty four Studs, four each (3", 4", 5", 6", 7" & 8" lengths)

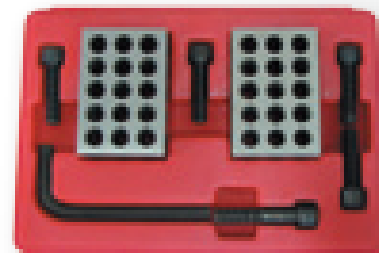
STOCK NUMBER	660038	660012	660058
Model No.	CK-38	CK-12	CK-58
Stud Size	3/8" - 16 T.P.I.	1/2" - 13 T.P.I.	5/8" - 11 T.P.I.
T-Slot Sizes (in.)	7/16 and 1/2	9/16 and 5/8	11/16 and 3/4



1-2-3 BLOCK SET

- Squareness: 0.0001"
- Parallelism: 0.0001"
- Height accuracy in pairs +/- 0.0001"
- Hardness HRC 56-60
- 5 pc. 3/8" - 16 socket head cap screws
- 1 pc. Hex Key
- Plastic Case

STOCK NUMBER	DESCRIPTION
630400	1-2-3 Block Set in Plastic Case



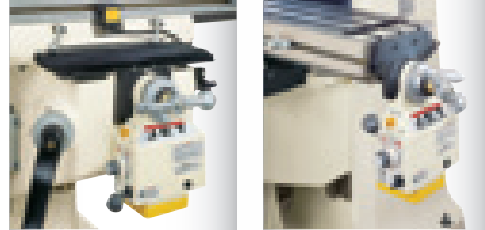
ACCESSORIES

Premier accessories enhance the flexibility and efficiency of your JET Mill.



TABLE AND KNEE POWERFEEDS

- Specially designed for each model
- X-, Y-, and Z-axis available
- Provides continuously variable feed rate of up to 32 in./min.
- Adjustable stops allow automatic shut off
- Includes rapid traverse button
- Built-in clutch helps prevent damage in overload
- Factory installation available
- Installation of powerfeed will reduce table travel



STOCK NO.	350194	350195	350197
Model No.	TPFA-2XN	TPFA-2YN	TPFA-2Z
Speed Rate/Variable (IPM)	0-32	0-32	0-32
Torque (in./lbs.)	780	780	780
Rapid Traverse (IPM)	32	32	32
Motor	105W /1AMP, 115V, 1 Ph	105W /1AMP, 115V, 1 Ph	105W /1AMP, 115V, 1 Ph
Net Weight (lbs.)	14	14	14

TO FIT MILL:	STOCK NO. X-AXIS	STOCK NO. Y-AXIS	STOCK NO. Z-AXIS
JVM-836	350194	350195	350197
JTM-1&2	350194	350195	350197
JTM-4VS	350194	350195	350197
JTM-1050	350194	350195	350197
JTM-1050EVS	350194	350195	350197
JTM-1055	350194	350195	350197

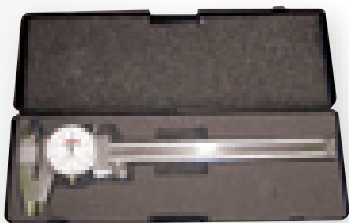
SWING AWAY ADJUSTABLE SAFETY SHIELD

These shields are intended to deflect chips, sparks, coolant or lubricant away from the operator and other employees in the machine area. They offer excellent visibility to the point of operation to help increase worker safety. The adjustable shields easily swing in or out of position.

STOCK NUMBER	DESCRIPTION
A635	Safety Shield



6 IN. JET DIAL CALIPER



STOCK NUMBER	DESCRIPTION
650400	1pc Jet Brand 6"x0.001 Dial Caliper in Plastic Case

3 PIECE MEASURING TOOL KIT

- 1pc Jet Brand 0-6"x0.001 Dial Caliper
- 1pc Digital Counter Outside Micrometer 0-1x0.0001"
- 1pc Test Indicator 0.03x0.0005"



STOCK NUMBER	DESCRIPTION
650405	3 Piece Measuring Tool Kit



FLOOD COOLANT SYSTEM FOR MILLING MACHINES

Air and coolant line connections are encased in braided metal wire. One gallon tank is made of enamel paint finished metal with removable corrosion resistant inner liner.

STOCK NUMBER	DESCRIPTION
A619	Flood Coolant System for Models 220V/440V, 3Ph



RISER BLOCKS

FEATURES

- Specially designed for each model
- Adds 6" – 8" height capacity
- Includes all mounting hardware

STOCK NUMBER	MILL MODEL	SIZE (IN.)
350090	JTM-1&2	6
350090	JTM-4VS	6
350096	JTM-1050	8
350096	JTM-1050EVS	8



AIR POWER DRAW BAR

- Fits all JET variable speed milling machines
- High quality industrial grade air motor
- Double impact high torque design
- Easy installation requires no drilling or tapping
- Air requirements: 3 CFM at 90 PSI

STOCK NUMBER	MILL MODEL
A630	JTM-4VS
A630	JTM-1050
A630	JTM-1050EVS
A631	JTM-1055



ACU-RITE DRO SERIES FOR MILLING APPLICATIONS

Digital Readout packages for JET Machines keep track of position, provide prompt feedback and messaging, and quick configuration of machine features. Die-cast metal construction ensures unit reliability and displays are very easy to read. The days of inaccurate measurement conversions and productivity lulls caused by lost data are over - the right Digital Readout unit for the JET Mill in your shop is here.

ACU-RITE DROS COMMON FEATURES

- Job Clock
- Feed Rate Display
- Multiple Language Support
- Absolute/Incremental
- Near-Zero Warning

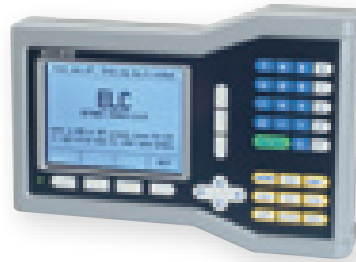


VUE

The Acu-Rite VUE is a cost-effective, entry-level solution for manual machine tool applications. With our innovative LCD display screen technology and versatile software to accommodate milling, turning or grinding applications the VUE is everything you need at a price you can afford.

VUE SPECIFIC FEATURES

- 1, 2 or 3 axes 5.7" Transmissive LCD display
- 200mm Fixed Reference Marks

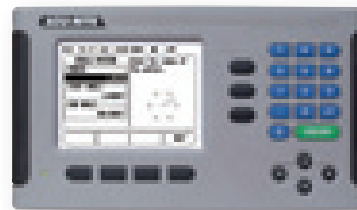


200S

As the industry standard in digital readout systems, the Acu-Rite 200S offers state-of-the-art features for milling, turning and grinding applications.

200S SPECIFIC FEATURES

- 2 or 3 axes 5.7" Transmissive LCD display
- Position-Trac™ Home Reference

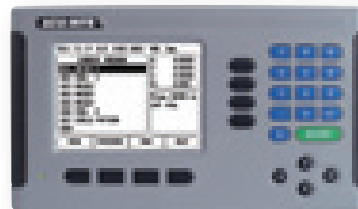


300S

The Acu-Rite 300S is a fully programmable 4 axes readout system, now available with a full color display. With the capability to store and create a library of programs the 300S is everything you need to create, edit and execute programs on your manual machine tool.

FEATURES

- 2, 3 or 4 axes 5.7" Full Color Display
- Position-Trac™ Home Reference
- Multiple program names with numerous steps



NEWALL DIGITAL READOUTS FOR MILLING APPLICATIONS

Add the latest in electronic design innovation to the JET Mill in your shop. Performs all essential functions and provides added flexibility to your operation.

NEWALL

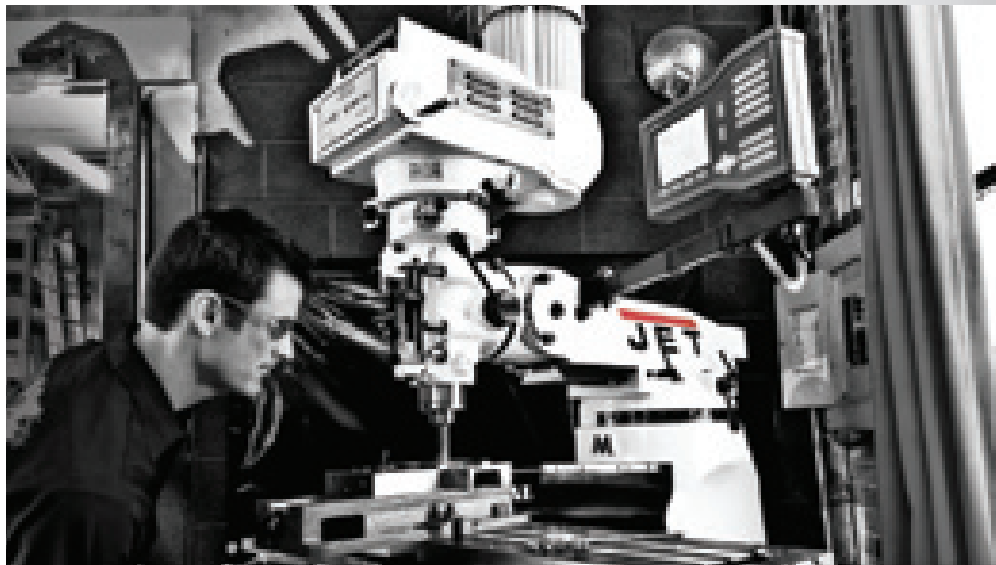


DP700

The DP700 is the latest in Newall's line of a powerful and intuitive DROs. The unit is housed in a rugged, ergonomically designed casting. The DRO features all of the essential functions for milling, boring, turning, grinding, and general machining operations. The DP700 is compatible with Newall's Spherosyn and Microsyn encoders which withstand the harshest shop conditions.

FEATURES

- Feed Rate Display
- Bolt Hole Circle Routine
- Line Hole Routine
- Arc Contouring
- Programmable Memory/Teach
- Polar Coordinates
- Line Hole Calculator
- Tool Offsets
- Taper Calculations
- Axis Vectoring/Summing
- Linear and Segmented Error Comp.
- Undo
- RS232 Output
- Languages: English, French, German, Spanish, Italian, Turkish, Czech, Russian, Portuguese, Danish
- Clean, Crisp, Easy to Read, LEDs
- Intuitive Message Window
- Long Life Membrane Keypad
- Solid cast construction
- Safe, Low Voltage Power Supply (UL)
- Panel Mount Version Available



MILLING

MILLING HELPFUL INFO

JET STRIVES TO MAKE YOUR JOB EASIER. HERE IS SOME BASIC INFORMATION ABOUT ALL OUR MILLING MACHINES AND MILLING IN GENERAL TO HELP YOU GET STARTED.



OVERVIEW

Milling is the process of machining flat, curved, or irregular surfaces by feeding the workpiece against a rotating cutter containing a number of cutting edges. The mill consists basically of a motor driven spindle, which mounts and revolves the milling cutter, and a reciprocating adjustable worktable, which mounts and feeds the workpiece. The milling machine is excellent for forming flat surfaces, cutting dovetails and keyways, forming and fluting milling cutters and reamers, cutting gears, and so forth.

Most milling machines have self contained electric drive motors, coolant systems, step pulley or variable spindle speeds, and power operated table feeds.

Knee type mills are characterized by a vertical adjustable worktable resting on a saddle which is supported by a knee. The knee is a massive casting that rides vertically on the milling machine column and can be clamped rigidly to the column in a position where the milling head and milling machine spindle are properly adjusted vertically for operation.

The turret and swivel head assembly is designed for making precision cuts and can be swung 360 degrees on its base. Angular cuts to the horizontal plane may be made with precision by setting the head at any required angle within the 180 degree arc.

The knee is used for raising and lowering. The saddle rests upon the knee and supports the worktable. The saddle moves in and out on a dovetail to control the crossfeed of the worktable. The worktable traverses to the right or left upon the saddle for feeding the workpiece past the milling cutter. Many special operations can be performed with the attachments available for milling machine use.

JET Milling Machines are precision-built and designed to last. We have a full range of machines from Mill Drills, Step Pulley to Variable Speed models. All of JET's production mills are made with a Meehanite® casting and has it proudly stamped on the front of our machine! JET offers both R8 and NST-40 mills. JET will be happy to build your mill anyway you want it. JET installs Retrofit Acu-Rite MILLPWR controls is 2 or 3 axis, 2 or 3 Axis DRO's, Table or Knee Powerfeeds, Air Powered Draw Bars, Riser blocks for most models. If you do not see the package you need just give us a call.

JET CARRIES MANY ACCESSORIES TO GET YOUR MILL UP AND RUNNING WHEN IT HITS YOUR SHOP FLOOR. R-8 COLLET SETS, CLAMPING KITS, TOOLING KITS, AND 1-2-3 BLOCKS TO NAME A FEW.





COMMON MILL TERMINOLOGY

- A** VERTICAL HEAD
- B** HEAVY-DUTY MOTOR DRIVE
- C** RAM
- D** HARDENED AND GROUND TABLE
- E** MEEHANITE® CASTING
- F** COLUMN
- G** SADDLE
- H** LOCKS ON ALL MOVEABLE SURFACES
- I** WAYS
- J** KNEE
- K** INTERNAL COOLANT TANK
- L** VERTICAL POSITIONING SCREW
- M** BASE

