



JET

JET

SPEEDS ARE APPROXIMATE
LOW 50-500
HIGH 500-4200

MILLING

EMPOWERING SHOP PERFORMANCE

JETTOOLS.COM



JET

MILLING

JET Milling machines and components provide consistent quality and performance year after year. Precision-built and designed to last, the complete line of JET Step Pulley, Variable Speed and CNC Mills allows your shop greater flexibility to meet the needs of any job. Professional manuals get you up and running, and every JET machine is backed by our industry-leading TWO-year warranty.

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THE JET ADVANTAGE



DEPTH AND BREADTH OF LINE

JET carries a full range of milling machines for any job in your shop from maintenance to production. The JET line includes Mill Drills, Step Pulley, Variable Speed and EVS Mills with USA Made CNC Retrofit controls! Jet installs DRO's, Table and Knee Powerfeeds, Riser blocks and Air Power Draw Bars.



QUALITY

JET Mills are built to our specifications in the same factories for many years to deliver consistent quality and high tolerances. JTM-1, JTM-2, JTM-4, JTM-1050, JTM-1050EVS and JTM-1054R and JTM-1055 mills all have MEEHANITE casting for improved rigidity and it is stamped on each mill.



INNOVATIVE PRODUCTS

JET is committed to ongoing innovation demonstrated in the 10 x 54 Electronic Variable Speed Mill. Check the details and option packages on page 12



PROFESSIONAL MANUALS

JET manuals are professionally written by engineers for ease of use. All manuals come complete with parts breakdown and electrical drawings.



INDUSTRIAL LEADING WARRANTY

JET offers a 2 Year Warranty; the longest warranty in the industry, confirming our confidence in the quality of our design and workmanship. See page 31.



SERVICE CENTERS

JET offers authorized service centers across the USA. You can be assured a qualified local technician can troubleshoot, order parts and repair your equipment should a problem arise.

MILLING OVERVIEW

JET STRIVES TO MAKE YOUR JOB EASIER, BY PROVIDING YOU WITH SOME BASIC AND HELPFUL INFORMATION ON ALL OF OUR MILLING MACHINES AND MILLING IN GENERAL.

MILLING

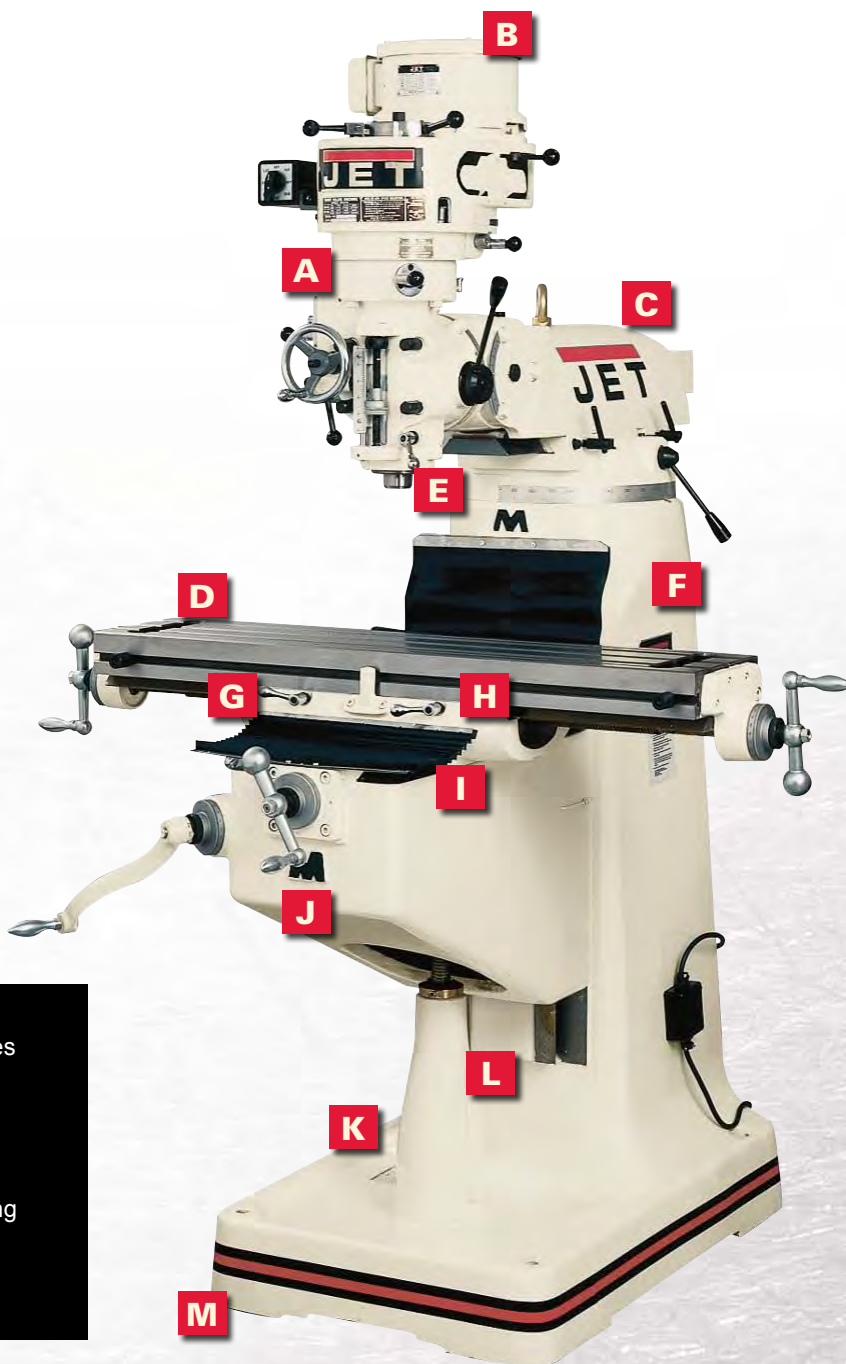
Milling is the process of machining flat, curved, or irregular surfaces by feeding the workpiece against a rotating cutter containing a number of cutting edges. The mill consists basically of a motor driven spindle, which mounts and revolves the milling cutter, and a reciprocating adjustable worktable, 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.



- | | |
|------------------------------------|---|
| A Vertical Head | H Locks on all moveable surfaces |
| B Heavy Duty Motor Drive | I Ways |
| C Ram | J Knee |
| D Hardened and Ground Table | K Internal Coolant Tank |
| E Meehanite Casting | L Vertical Positioning Screw |
| F Column | M Base |
| G Saddle | |

JET

MILLING OVERVIEW

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 or the Anilam 3000M 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 also offers a FREE 4 hour in house training class on any CNC Retro Mill package!

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. See pg. 28 for complete details.

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

JET OFFERS OVER 168 DIFFERENT MILLING PACKAGES FOR YOU TO CHOOSE FROM

Refer to category summary below.



MILL DRILLS



STEP PULLEY



VARIABLE SPEED

MILLING

VERTICAL MILLING MACHINES

With precision bored and honed milling heads JET Vertical Milling Machines perform slot and keyway cutting, planing, drilling, diesinking, rebating and routing with surgical accuracy. Models include tilting heads, high-precision spindle bearings, large diameter chrome quill and other standard features. JET Milling Machines are accurate and reliable, and perfect for your metal shop or commercial plant.



JET HOBBY MILL DRILL

FEATURES

- Cast iron design for vibration free operation
- Electronic variable speed with 2-step gear box
- Compound table precision machined with adjustable dovetail guides
- Powerful 150W DC-motor
- Left hand spindle rotation allows for tapping
- 45° right/left tilt table/column for flexible work
- Micro adjustable spindle downfeed

STOCK NUMBER	350200
Model Number	JHM-610
Spindle Taper	MT-2/ M10
Max Distance Spindle to Table (in.)	8-1/4
Distance Spindle to Column (in.)	5-1/2
Drilling Capacity (in.)	3/8
Face Mill Capacity (in.)	3/4
End Mill Capacity (in.)	3/8
Range of Spindle Speeds (RPM)	100 - 1,000 / 200 - 2,000
Table Size (in.)	5-3/4 x 9-1/2
Motor	150W DC Motor
Net Weight (lbs.)	88

ACCESSORIES

STOCK NUMBER

Stand	350213
MT-2 Collets (6 pc. - 1/8, 5/32, 3/16, 1/4, 5/16, 3/8)	350203
Vise	350204
Clamping Kit (24 pc.)	350205
Milling Arbor	350206
MT-2 Boring Bar	350207
Quick Vise with Swivel Base	350208
HSS Endmills (6 pc. - 1/8, 5/32, 3/16, 1/4, 5/16, 3/8)	350209



MILLING / DRILLING MACHINES

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)
- Belt cover – quick slide latch allows faster belt adjustment to change spindle speeds
- Base – taper allows for easier clean-up
- Larger hand wheel knobs
- Extra large worktable
- Heavy-duty tapered roller bearings support the spindle, resulting in greater tolerance and more accurate drilling depth

STANDARD EQUIPMENT

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



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, 1Ph, 230V Only	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



660012

350045

MILL / DRILL PACKAGES	STOCK NUMBER
JMD-18 Mill/Drill w/ANILAM 411 DRO	350401
JMD-18PFN Mill/Drill w/ANILAM 411	350402

OPTIONAL EQUIPMENT	STOCK NUMBER
Stand with Enclosed Shelf	350045
Powerfeed (JMD-18, 18PF Only)	350082
Clamping Kit	660012



STEP PULLEY MILLING MACHINE - JVM-836-1 / 3

2
YEAR WARRANTY

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



690038

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, Prewired 115V	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 Anilam 411 2-Axis DRO	690239
JVM-836-1 with Anilam 411 2-Axis DRO & X-Axis Powerfeed	690198
JVM-836-1 with Anilam 411 2-Axis DRO & X & Y-Axis Powerfeeds	690212
JVM-836-1 with Anilam 411 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 Anilam 411 2-Axis DRO	690191
JVM-836-3 with Anilam 411 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

JET

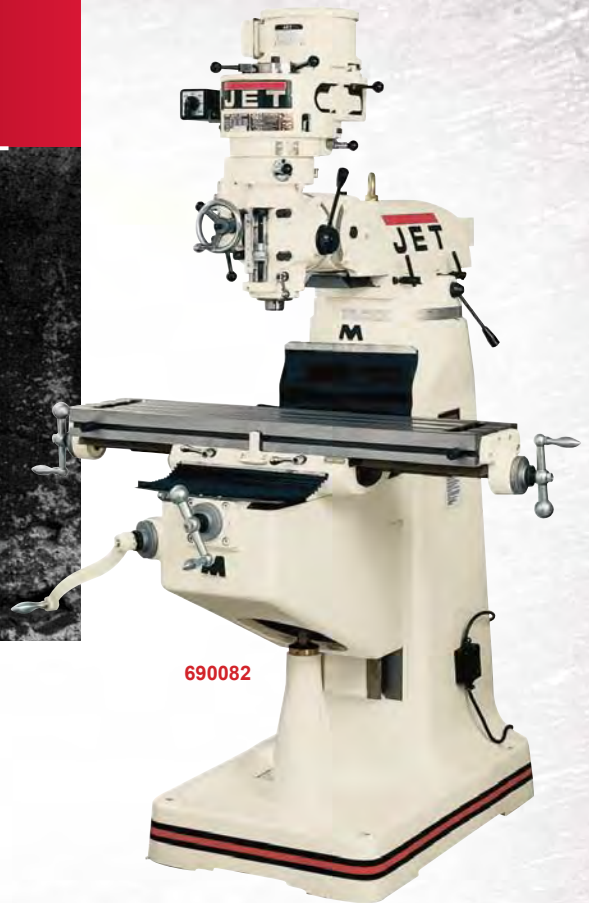
STEP PULLEY MILLING MACHINES - JTM-1 / 2

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



690082

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 Anilam 411 2-Axis DRO	690280
JTM-1 with X Axis Anilam 411 2-Axis DRO & X-Axis Powerfeed	690281
JTM-1 with X Axis Anilam 411 2-Axis DRO & X & Y-Axis Powerfeeds	690282
JTM-1 with X Axis Anilam 411 3-Axis DRO (Knee) & X & Y & Z-Axis Powerfeeds	690145
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 Anilam 411 2-Axis DRO	690283
JTM-2 with Anilam 411 2-Axis DRO & X-Axis Powerfeed	690286
JTM-2 with Anilam 411 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

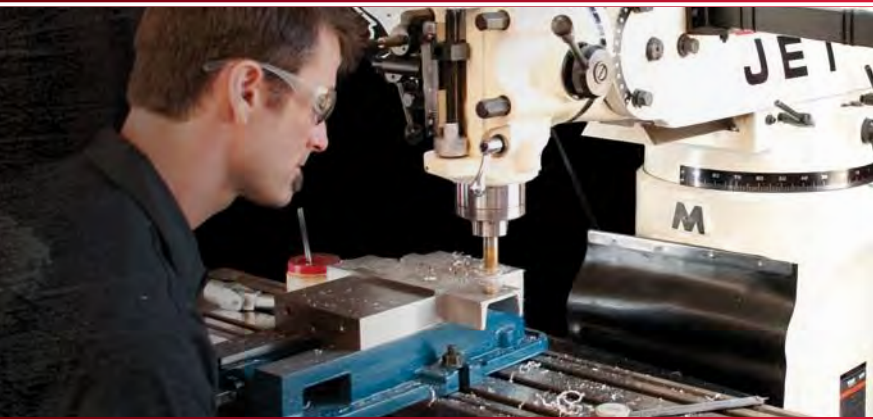
STOCK NUMBER	690082	690089
Model Number	JTM-1	JTM-2
Table Size (in.)	9 x 42	9 x 42
Spindle Taper	R-8	R-8
Quill Diameter (in.)	3-3/8	3-3/8
Number of Spindle Speeds	16	8
Range of Spindle Speeds (RPM)	80 - 5,440	80 - 2,720
Quill Down Feed Rates (IPR)	.0015 - .003 - .006	.0015 - .003 - .006
Spindle Travel (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

CALL FOR ADDITIONAL PACKAGES



VARIABLE SPEED MILLING MACHINES

Constructed through the Meehanite casting process, JET Variable Speed Milling Machines provide sound, consistent and reliable service and performance. 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. Rugged construction, ease of use and precision results, hallmarks of JET Milling machines.



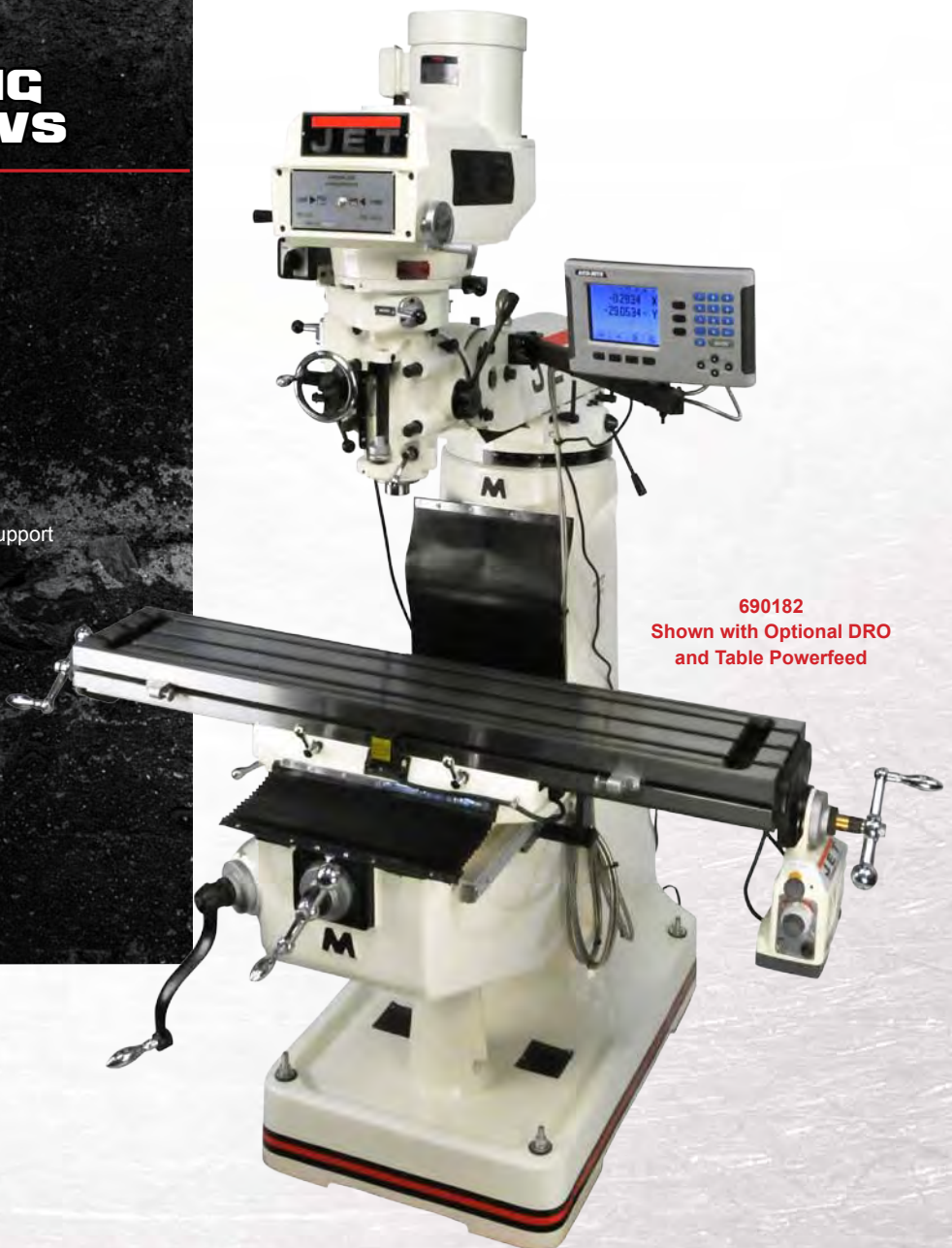
VARIABLE SPEED VERTICAL MILLING MACHINE - JTM-4VS

FEATURES

- Meehanite casting
- High precision Class 7 spindle bearings
- Three-stage power downfeed with automatic stop
- Precision hardened and ground ways and table
- Spindle head is internally cooled
- Precision bored and honed milling head
- Large diameter quill is chromed
- Chrome plated motor shaft with lower bearing support
- Satin chrome finished dials
- Heavy-duty splined motor drive
- One-piece quill pinion and shaft
- Heavy-duty spindle brake
- Locks on all movable surfaces

STANDARD EQUIPMENT

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



690182
Shown with Optional DRO
and Table Powerfeed



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



Acu-Rite 200S - DRO



Newall DP900 - DRO

JTM-4VS MILL AND ACESORY 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 Anilam 411 2-Axis DRO & X-Axis Powerfeed	690401
JTM-4VS with Anilam 411 2-Axis DRO & X-Axis Powerfeed & Air Draw Bar	690415
JTM-4VS with Anilam 411 2-Axis DRO & X & Y-Axis Powerfeeds	690420
JTM-4VS with Anilam 411 2-Axis DRO & X & Y & Z-Axis Powerfeeds	690417
JTM-4VS with Anilam 411 3-Axis DRO (Knee) & X-Axis Powerfeed	690408
JTM-4VS with Anilam 411 3-Axis DRO (Knee) & X & Y-Axis Powerfeeds	690416
JTM-4VS with Anilam 411 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 cu-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 with Newall DP900 2-Axis DRO & X-Axis Powerfeed	690301
JTM-4VS with Newall DP900 2-Axis DRO & X & Y-Axis Powerfeeds	690305

JTM-4VS-1 MILL AND ACESORY PACKAGES INSTALLED	
JTM-4VS-1 with X Axis Powerfeed	690178
JTM-4VS-1 with Anilam 411 2-Axis DRO & X-Axis Powerfeed	690402
JTM-4VS-1 with Anilam 411 2-Axis DRO & X & Y-Axis Powerfeeds	690407
JTM-4VS-1 with Anilam 411 3-Axis DRO (Quill) & X-Axis Powerfeed	690410
JTM-4VS-1 with Anilam 411 3-Axis DRO (Quill) & X & Y-Axis Powerfeeds	690413
JTM-4VS-1 with Anilam 411 3-Axis DRO (Knee) & X-Axis Powerfeed	690411
JTM-4VS-1 with Anilam 411 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



VARIABLE SPEED VERTICAL MILLING MACHINE - JTM-1050

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



J E T

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-4VS MILL AND ACCESSORY PACKAGES INSTALLED	
JTM-1050 with Acu-Rite 200S 2-Axis DRO & X-Axis Powerfeed	690117
JTM-1050 with X Axis Powerfeed	690120
JTM-1050 with X & Y Axis Powerfeeds	690150
JTM-1050 with Acu-Rite 200S 3-Axis DRO & X & Y Powerfeed & Air Draw Bar (Quill)	690151
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 2-Axis DRO & X & Y Axis Powerfeed	690214
JTM-1050 with Newall DP900 2-Axis DRO & X & Z-Axis Powerfeeds	690299
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 DP900 2-Axis DRO & X-Axis Powerfeed	690308
JTM-1050 with Newall DP900 2-Axis DRO & X & Y-Axis Powerfeeds	690309
JTM-1050 with Anilam 411 2-Axis DRO & X-Axis Powerfeed	690403
JTM-1050 with Anilam 411 2-Axis DRO & X & Y-Axis Powerfeeds	690409
JTM-1050 with Newall DP700 2-Axis DRO & Air Draw Bar	691172
JTM-1050 with Newall DP700 2-Axis DRO	691204
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

CALL FOR ADDITIONAL PACKAGES



Newall DP700 - DRO



Acu-Rite 300S - DRO



ELECTRONIC VARIABLE SPEED VERTICAL MILLING MACHINE - JTM-1050EVS

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



690060



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 200S - DRO

JTM-4VS 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 Newall DP900 2-Axis DRO & X-Axis Powerfeed	690314
JTM-1050EVS/230 with X & Y Axis Powerfeeds	690315
JTM-1050EVS/230 with Anilam 411 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 Anilam 411 2-Axis DRO & X & Z-Axis Powerfeeds	690414
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	691212
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 Acu-Rite 200S 2-Axis DRO & X-Axis Powerfeed	690137
JTM-1050EVS/460 with Acu-Rite 200S 3-Axis DRO & X-Axis Powerfeed (Knee)	690138
JTM-1050EVS/460 with Acu-Rite 200S 2-Axis DRO & X & Y Axis Powerfeed	690154
JTM-1050EVS/460 with X Axis Powerfeed	690189
JTM-1050EVS/460 with Acu-Rite 300S 2-Axis DRO & X & Y Axis Powerfeed	690313
JTM-1050EVS/460 with Acu-Rite 300S 2-Axis DRO & X-Axis Powerfeed	690316
JTM-1050EVS/460 with Newall DP900 2-Axis DRO & X-Axis Powerfeed	690318
JTM-1050EVS/460 with X & Y Axis Powerfeeds	690319
JTM-1050EVS/460 with Anilam 411 2-Axis DRO & X-Axis Powerfeed	690405
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 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-1050EVS/460 with Newall DP700 2-Axis DRO & X & Y-Axis Powerfeeds & Air Draw Bar	691231

CALL FOR ADDITIONAL PACKAGES



ELECTRONIC VARIABLE SPEED VERTICAL MILLING MACHINE - JTM-1054R / JTM-1055

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 and shaft

STANDARD EQUIPMENT

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



690055



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.)	16	16
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.)	3,300	3,000

JTM-1054R MILL AND ACCESSORY PACKAGES INSTALLED

JTM-1054R with Anilam 411 2-Axis DRO & X-Axis Powerfeed & Air Draw Bar	690052
JTM-1054R with Anilam 411 2-Axis DRO & X-Axis Powerfeed	690270
JTM-1054R with Acu-Rite 200S 2-Axis DRO & X-Axis Powerfeed	690271
JTM-1054R with Anilam 411 2-Axis DRO & X & Y-Axis Powerfeeds	690272
JTM-1054R with X Axis Powerfeed & Air Draw Bar	690274
JTM-1054R with Acu-Rite 300S 2-Axis DRO & X-Axis Powerfeed	690322

JTM-1055 MILL AND ACCESSORY PACKAGES INSTALLED

JTM-1055 with X & Y Axis Powerfeeds	690218
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 200S 2-Axis DRO	690250
JTM-1055 with X Axis Powerfeed & Air Draw Bar	690255
JTM-1055 with X & Y Axis Powerfeeds & Air Draw Bar	690260
JTM-1055 with Anilam 411 2-Axis DRO & X-Axis Powerfeed	690275
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	691223
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

CALL FOR ADDITIONAL PACKAGES



Newall DP700 - DRO



Acu-Rite 300S - DRO



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

CNC VERTICAL MILLING MACHINE PACKAGES JTM-4VS

FEATURES OF THE JTM-4VS

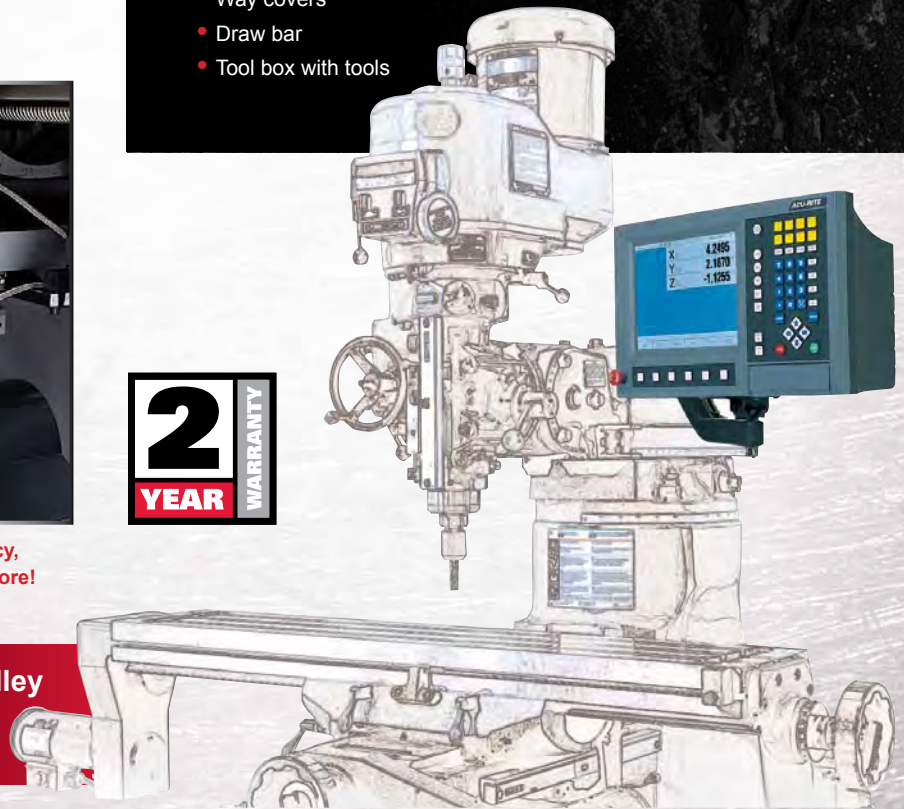
- Meehanite casting
- Heavy-duty splined motor drive
- Three-stage power downfeed with automatic stop
- Adjustable gibs throughout
- Precision bored and honed milling head
- Large diameter quill is chromed
- High precision Class 7 spindle bearings
- Spindle head is internally cooled
- Satin chrome finished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



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.

MILLING

CNC ELECTRONIC VARIABLE SPEED VERTICAL MILLING MACHINE PACKAGES JTM-1050

OPTIONAL EQUIPMENT	STOCK NUMBER
52 pc. Clamping Kit	660012
6 pc. R-8 Collet Set (1/8" - 3/4" by 8ths)	650132

Refer to pages 76-79 for Milling Accessories.

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). The Series 3000M is the most user-friendly conversational program
- 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
- Store programs on the hard drive for repeat jobs

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
- Versatility, mill and program simultaneously
- 2- or 3-axis Control/ 3-axis Readout, significantly improves efficiency, productivity and profitability, may be used automatically or manually



CNC VERTICAL MILLING MACHINE PACKAGES JTM-1050

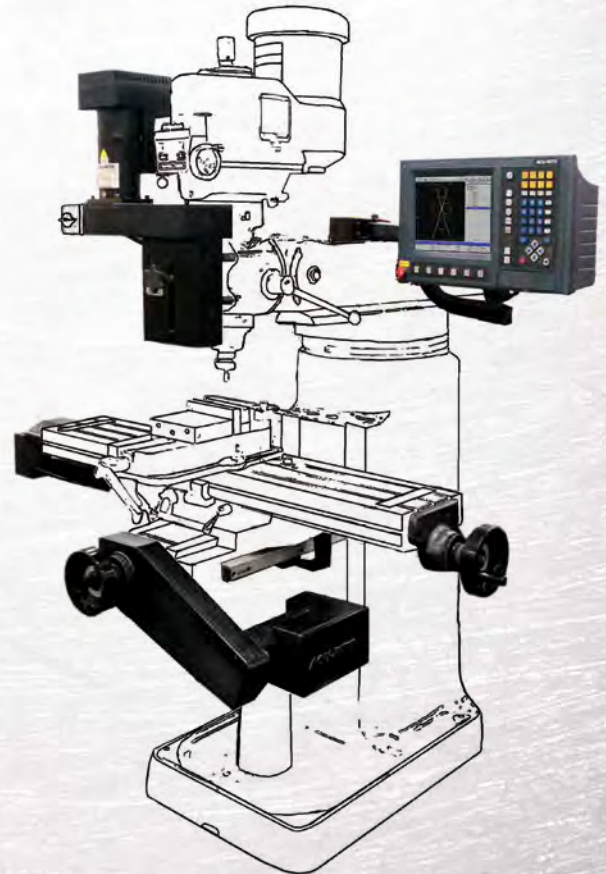
FEATURES OF THE JTM-1050

- Meehanite casting
- High precision Class 7 spindle bearings
- Spindle head is internally cooled
- Heavy-duty motor drive
- Adjustable gibs throughout
- Precision bored and honed milling head
- Large diameter quill is chromed
- Satin chrome finished dials
- One-piece quill pinion and shaft
- Three-stage power downfeed with automatic stop
- Heavy-duty spindle brake
- Chrome plated motor shaft with lower bearing support at end
- 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

STANDARD EQUIPMENT

- One-shot lubrication system
- Way covers
- Draw bar
- Tool box with tools
- Chrome lead screws on X and Y axis
- Turcite B on X and Y axis
- No fuse breaker power connection
- Hardened and ground square vertical knee ways and cross ways

STOCK NUMBER	690900 & 690910	690920 & 690921
Model Number	JTM-1050CNC	JTM-1050CNC
2-Axis CNC	690900	690620
3-Axis CNC	690910	690621
CNC Package	ACU-RITE MILLPWR®	ANILAM 3000M
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)	70 - 3,800	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.)	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, 230/460V, 3Ph, Prewired 230V	3HP, 230/460V, 3Ph, Prewired 230V
Overall Dimensions (in./ L x W x H)	96 x 69 x 87	96 x 69 x 87
Net Weight (lbs.)	3,200	3,200



MILLING

CNC ELECTRONIC VARIABLE SPEED VERTICAL MILLING MACHINE PACKAGES JTM-1050EVS

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). The Series 3000M is the most user-friendly conversational program
- 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
- Store programs on the hard drive for repeat jobs
- Provides all manual operations. Ideal for set up and teach modes and for machining the simplest parts
- 2-axis can easily be upgraded to a 3-axis at any 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

2
YEAR WARRANTY



OPTIONAL EQUIPMENT	STOCK NUMBER
52 pc. Clamping Kit	660012
6 pc. R-8 Collet Set (1/8" - 3/4" by 8ths)	650132

Refer to pages 76-79 for Milling Accessories.

J E T

CNC ELECTRONIC VARIABLE SPEED VERTICAL MILLING MACHINE PACKAGES JTM-1050EVS

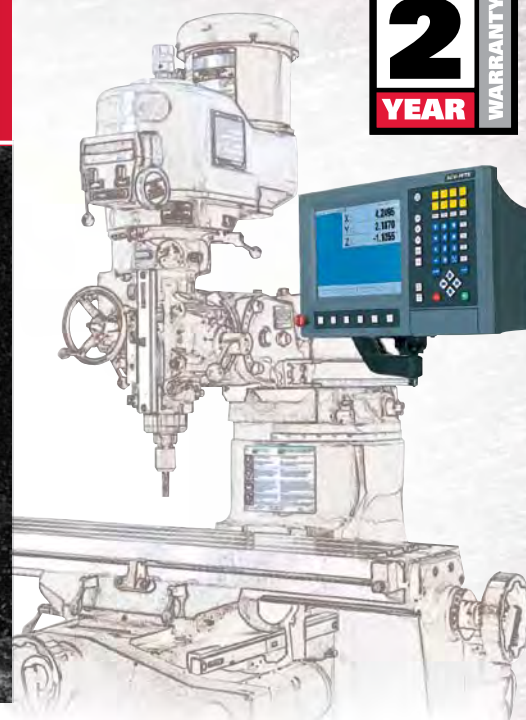


FEATURES OF THE JTM-1050EVS

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

STANDARD EQUIPMENT

- No fuse breaker power connection
- Hardened and ground table
- One-shot lubrication system
- Way covers
- Draw bar
- Tool box with tools
- Chrome lead screws on X and Y axis
- Turcite B on X and Y axis
- Double locks on all movable surfaces
- Hardened and ground square vertical knee ways and cross ways



STOCK NUMBER	690902 & 690912	690904 & 690914	690913 & 690915	690917 & 690919
Model Number	JTM-1050EVS/230CNC	JTM-1050EVS/460CNC	JTM-1050EVS/230CNC	JTM-1050EVS/460CNC
2-Axis CNC	690902	690904	690913	690917
3-Axis CNC	690912	690914	690915	690919
CNC Package	ACU-RITE MILLPWR®	ACU-RITE MILLPWR®	ANILAM 3000M	ANILAM 3000M
Table Size (in.)	10 x 50	10 x 50	10 x 50	10 x 50
Spindle Taper	R-8	R-8	R-8	R-8
Quill Diameter (in.)	3-3/8	3-3/8	3-3/8	3-3/8
Number of Spindle Speeds	Variable	Variable	Variable	Variable
Range of Spindle Speeds (RPM)	10 - 3,600	10 - 3,600	10 - 3,600	10 - 3,600
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, 45° F & B
Max Distance Spindle to Table (in.)	19	19	19	19
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	30	30
Table Cross Travel (in.)	15-1/4	15-1/4	15-1/4	15-1/4
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	720	720
Travel of Knee (in.)	14-1/4	14-1/4	14-1/4	14-1/4
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	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	96 x 71 x 88	96 x 71 x 88
Net Weight (lbs.)	3,000	3,000	3,000	3,000



JTM-1055 MILL WITH ANILAM 3000M 3-AXIS CNC

FEATURES

- Meehanite casting
- Hardened and ground table certified to be 52C Rockwell hardness
- Box style ways on Y and Z axis
- High precision Class 7 spindle bearings
- 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
- Motor pulleys are ground to increase belt lift
- One-piece quill pinion and shaft

STANDARD EQUIPMENT

- One-shot lubrication system
- Way covers
- Draw bar



STOCK NUMBER	690925
Model Number	JTM-1055
Table Size (in.)	10 x 54
Spindle Taper	NST #40
Quill Diameter (in.)	4-1/8
Number of Spindle Speeds	Variable
Range of Spindle Speeds (RPM)	80 - 3,800
Quill Down Feed Rates (IPR)	.0015 - .003 - .006
Spindle Travel (in.)	5
Head Movement (deg.)	90° R & L
Max Distance Spindle to Table (in.)	20
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.)	32
Table Cross Travel (in.)	16
T-Slots Number and Size (in.)	3 and 5/8
T-Slot Centers (in.)	2-1/2
Work Table Weight Capacity (lbs.)	800
Travel of Knee (in.)	17-1/2
Travel of Ram (in.)	20-1/2
Motor	5HP, 230/460V, 3Ph, Prewired 230V
Overall Dimensions (in./ L x W x H)	92 x 80 x 108
Net Weight (lbs.)	3,400



ANILAM 3000M Control



DIGITAL READOUTS FOR MILLING APPLICATIONS

The days of inaccurate measurement conversions due to math errors and productivity lulls caused by lost data are over. JET offers a variety of Digital Readout packages for JET Turning Machines designed to 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. Add the right Digital Readout unit to the JET Mill in your shop.



ANILAM DIGITAL READOUTS

ANILAM®

The ANILAM Wizard 411 is a simple cost effective entry level solution for manual machine tool applications. The Wizard 411 features exclusive LCD display screen technology and versatile software to accommodate milling, turning or grinding applications. The ANILAM Wizard 411 is the first readout in the industry to display full text on a crystal clear LCD display. Plus, a content-sensitive help function assists you right on screen.

WIZARD 411 FEATURES/TECHNICAL DATA

- 1, 2 or 3-axes 5.7" transmissive LCD display
- Job Clock
- Feed rate display
- Multiple language supports
- Zero reset capability
- Instant radius/diameter conversion
- Absolute/incremental display
- Instant inch/mm conversion
- Conversational message prompts
- Linear error compensation
- Die-cast enclosure
- Precision Glass Scales



SPECIFIC FEATURES

- Bolthole pattern calculations with graphics (full and partial circles/linear patterns)
- Centerline calculation enables you to establish workpiece zero and midpoints

Precision Glass Scales

With more than one million scales in use today, ANILAM precision glass scales withstand the elements of contamination found in even the harshest machine shop environments. As a result, our precision glass scales resist changes in size, shape or density due to temperature and humidity variations. This stability provides exceptional accuracy down to $\pm 1.5\mu\text{m}$ ($.00006''$), resulting in tighter workpiece tolerances.



MILLING

ACU-RITE DRO SERIES FOR MILLING APPLICATIONS

ACU-RITE DROS COMMON FEATURES

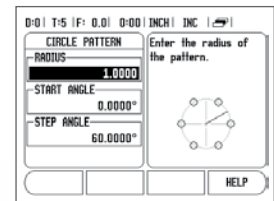
- Job Clock
- Feed Rate Display
- Multiple Language Support
- Absolute/Incremental
- Near-Zero Warning
- Help Function
- 16 Tool Offsets/Diameter
- Preset and zero reset
- 4 Function Calculator/Trig Calculator
- Instant Inch/mm conversion
- Bolthole pattern calculations with graphics (full and partial circles/linear patterns)
- Centerline calculation enables you to establish workpiece zero and midpoints

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

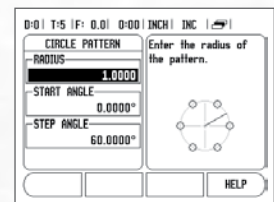


200S

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

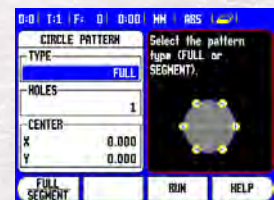


300S

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.

300S SPECIFIC FEATURES

- 2, 3 or 4 axes 5.7" Full Color Display
- Multiple program names with numerous steps
- Multiple display views
- Position-Trac™ Home Reference
- Edge finder/touch probe input



JET

NEWALL DIGITAL READOUTS FOR MILLING APPLICATIONS

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.

STANDARD 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

SPECIFIC FEATURES

- 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

NEWALL



DP900

Setting new performance standards, the DP900 integrates the latest innovations in electronic design, housed in a rugged die-cast chassis. The feather-touch keypad ensures long life and stability throughout the rugged shop environment. The DRO offers flexible features tailored for milling or turning applications. Plus, with the use of a touch probe, part inspection calculations can be performed without removing the part from the machine.

STANDARD FEATURES

- Rugged Die-Cast Chassis
- Feather-Touch, Cap-Sense Keypad
- 5.7" QVGA Blue STN with CCFL Backlight
- 2, 3, or 4 Axes with Optional Rotary Axis
- Graphical Tool Path Verification
- Customized Canned Cycles
- Remote Storage via USB Port
- CMM/Inspection Functions with Probe Capabilities
- Feed Rate Display
- Polar Coordinate Readings
- Touch Probe Input
- Teach Mode with Graphics
- Intuitive Help Menus

SPECIFIC FEATURES

- Bolt Hole Circle Routine (full and partial)
- Line Hole
- Frame (Pocketing)
- Grid Array
- Arc Function
- Tool Length Compensation
- Tool Diameter Compensation
- Tap Drill Library

Increase Productivity with Tool Path Verification

The DP900 includes a graphical display of your tool path movement. This time-saving feature enables the operator to graphically view the tool movement in real time, increasing productivity.



MILLING

MILLING ACCESSORIES



TABLE AND KNEE POWERFEEDS

- Specially designed for each model
- X-, Y-, and Z-axis available
- Provides continuously variable feed rate of up to 37 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 NUMBER	350089	350087	350094	350095	350097
Model Number	TPFA-2X	TPFA-2Y	TPFA-2XN	TPFA-2YN	TPFA-2Z
Speed Rate/Variable (IPM)	0-37	0-37	0-37	0-37	0-37
Torque (in./lbs.)	135	135	150	150	150
Rapid Traverse (IPM)	37	37	37	37	37
Motor	2-1/2AMP, 115V, 1Ph	2-1/2AMP, 115V, 1Ph	2-1/2AMP, 115V, 1Ph	2-1/2AMP, 115V, 1Ph	2-1/2AMP, 115V, 1Ph
Net Weight (lbs.)	14	14	14	14	14

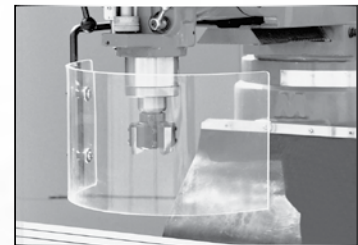
To Fit Mill:	Stock Number X-axis	Stock Number Y-axis	Stock Number X-axis	Stock Number Y-axis	Stock Number Z-axis
JVM-836	350089	350087	350094	350095	350097
JTM-1&2	350089	350087	350094	350095	350097
JTM-4VS	350089	350087	350094	350095	350097
JTM-1050	350089	350086K	350094	350098K	350097
JTM-1050EVS	350089	350086K	350094	350098K	350097
JTM-1055	350089	350086K	350094	350098K	350097

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



HORIZONTAL / VERTICAL ROTARY TABLES

- 6" to 10" tables are made of high density Meehanite
- Hardened and ground worm gear
- Widely used circular cutting, angle setting, boring and spot facing in the horizontal position

STOCK NUMBER	464815	464816	464817
Table Size (in.)	6	8	10
Center Sleeve	MT-2	MT-3	MT-3
T-Slot Size (in.)	3/8	1/2	1/2
Net Weight (lbs.)	23	62	95



464817

MIST OR 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

- 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 and JTM-1/2 step pulley mills
- 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-1&2
A630	JTM-4VS
A630	JTM-1050
A630	JTM-1050EVS
A631	JTM-1055



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

STOCK NUMBER	DESCRIPTION
650132	CS-R8, 6 pc. R-8 Collet Set 1/8" - 3/4" by 1/8ths for Mills
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



650132



MILLING TOOL KITS

660100KT 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: Six T-slot nuts
- 660220 Tooling Kit 24 pc. Milling Tool Kit for R8-Spindle Milling Machines and 63186 Verti-lock Machine Vise

STOCK NUMBER	DESCRIPTION
660100KT	Milling Accessory Kit

JET® 24 pc. Milling Tool Kit for R8-Spindle Milling Machines

- 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

STOCK NUMBER	DESCRIPTION
660220	24 pc. Milling Tool Kit for R8-Spindle Milling Machines

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 Number	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



I-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



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





JET

WARRANTY AND SERVICE

WARRANTY AND SERVICE

Walter Meier (Manufacturing) Inc., warrants every product it sells. If one of our tools needs service or repair, one of our Authorized Service Centers located throughout the United States can give you quick service. In most cases, any of these Walter Meier Authorized Service Centers can authorize warranty repair, assist you in obtaining parts, or perform routine maintenance and major repair on your JET tools. For the name of an Authorized Service Center in your area call **1-800-274-6848**.

MORE INFORMATION

Walter Meier is consistently adding new products to the line. For complete, up-to-date product information, check with your local Walter Meier distributor, or visit jettools.com

WARRANTY

JET products carry a limited warranty which varies in duration based upon the product.

2
YEAR
WARRANTY

- Metalforming
- Mill/Drills
- Milling Machines
- MW Bandsaws
- MW Drill Presses
- MW Finishing Equipment
- MW Lathes

90
DAY
WARRANTY

- Lathe Accessories
- Machine Accessories

WHAT IS COVERED?

This warranty covers any defects in workmanship or materials subject to the exceptions stated below. Cutting tools, abrasives and other consumables are excluded from warranty coverage.

WHO IS COVERED?

This warranty covers only the initial purchaser of the product.

WHAT IS THE PERIOD OF COVERAGE?

The general JET warranty lasts for the time period specified in the product literature of each product.

HOW TO GET SERVICE

The product or part must be returned for examination, postage prepaid, to a location designated by us. For the name of the location nearest you, please call **1-800-274-6848**.

You must provide proof of initial purchase date and an explanation of the complaint must accompany the merchandise. If our inspection discloses a defect, we will repair or replace the product, or refund the purchase price, at our option.

We will return the repaired product or replacement at our expense unless it is determined by us that there is no defect, or that the defect resulted from causes not within the scope of our warranty in which case we will, at your direction, dispose of or return the product. In the event you choose to have the product returned, you will be responsible for the shipping and handling costs of the return.

HOW STATE LAW APPLIES

This warranty gives you specific legal rights; you may also have other rights which vary from state to state.

LIMITATIONS ON THIS WARRANTY

WALTER MEIER LIMITS ALL IMPLIED WARRANTIES TO THE PERIOD OF THE LIMITED WARRANTY FOR EACH PRODUCT. EXCEPT AS STATED HEREIN, ANY IMPLIED WARRANTIES OR MERCHANTABILITY AND FITNESS ARE EXCLUDED. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG THE IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU. WALTER MEIER SHALL IN NO EVENT BE LIABLE FOR DEATH, INJURIES TO PERSONS OR PROPERTY, OR FOR INCIDENTAL, CONTINGENT, SPECIAL, OR CONSEQUENTIAL DAMAGES ARISING FROM THE USE OF OUR PRODUCTS. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

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