

# JTM-1050 MILL WITH ACU-RITE VUE DRO WITH X AND Y-AXIS POWERFEED

690409

The JET JTM-1050 features Meehanite® castings, a heavy-duty hardened and ground 10" x 50" table, and high precision class 7 precision bearings support the spindle. 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. JET precision engineering ensures superior results with all the features you've come to expect, all backed by the industry-leading JET Two Year Warranty



## FEATURES

- Meehanite casting
- Hardened and ground table
- Chrome lead screws on X and Y axis
- Turcite B on X and Y axis
- Satin chrome finish on dials
- Precision bored and honed milling head
- Large diameter quill is chromed
- High precision Class 7 spindle bearings
- Spindle head is internally cooled
- No fuse breaker power connection
- Heavy-duty motor drive
- Chrome plated motor shaft with bearing support at end
- One piece quill pinion and shaft
- Three-stage power downfeed with automatic stop
- Heavy-duty spindle brake
- Locks on all movable surfaces
- Hardened and ground square vertical knee ways and cross ways
- Adjustable gibs throughout
- Internal coolant tank built into base for use with coolant system (Coolant pump not included)
- Tolerance test sheet included
- One shot lubrication system
- Way covers
- Draw bar
- Tool box with tools



## JET RED ASSURANCE 2-YEAR WARRANTY

JET 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 JPW Industries 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.

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EXPERT TECHNICAL SERVICE

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## SPECIFICATIONS

|  |                      |
|--|----------------------|
| Spindle Taper (In. x TPI)                      | R-8                  |
| Digital Readout                                | ACU-RITE VUE         |
| Number of Axis                                 | 2                    |
| Powerfeed                                      | X-Axis               |
| Table Size (L x W) (In.)                       | 10 x 50              |
| 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.)                | 35                   |
| Table Longitudinal Travel With Powerfeed (In.) | 29-3/4               |



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## FULL SERIES

| STOCK NO | MODEL NO | SPINDLE TAPER (IN. X TPI) | DIGITAL READOUT | NUMBER OF AXIS | POWERFEED        | POWER DRAW BAR |
|----------|----------|---------------------------|-----------------|----------------|------------------|----------------|
| 690050   | JTM-1050 | R-8                       |                 |                |                  |                |
| 690120   | JTM-1050 | R-8                       |                 |                | X-Axis           |                |
| 690150   | JTM-1050 | R-8                       |                 |                | X and Y-Axis     |                |
| 690403   | JTM-1050 | R-8                       | ACU-RITE VUE    | 2              | X-Axis           |                |
| 691403   | JTM-1050 | R-8                       | ACU-RITE VUE    |                | X-Axis           | Pneumatic      |
| 690409   | JTM-1050 | R-8                       | ACU-RITE VUE    | 2              | X-Axis           |                |
| 690450   | JTM-1050 | R-8                       | ACU-RITE VUE    |                | X, Y and Z-Axis  |                |
| 690117   | JTM-1050 | R-8                       | ACU-RITE 200S   | 2              | X-Axis           |                |
| 690216   | JTM-1050 |                           | ACU-RITE 200S   | 2              | X-Axis           |                |
| 690235   | JTM-1050 | R-8                       | ACU-RITE 200S   | 2              | X-Axis           | Pneumatic      |
| 690214   | JTM-1050 | R-8                       | ACU-RITE 200S   | 2              | X and Y-Axis     |                |
| 690258   | JTM-1050 | R-8                       | ACU-RITE 200S   | 2              | X, Y and Z-Axis  | Pneumatic      |
| 690158   | JTM-1050 | R-8                       | ACU-RITE 200S   | 3 (Quill)      | X-Axis           |                |
| 690159   | JTM-1050 | R-8                       | ACU-RITE 200S   | 3 (Quill)      | X and Y-Axis     |                |
| 690151   | JTM-1050 | R-8                       | ACU-RITE 200S   | 3 (Quill)      | X and Y-Axis     | Pneumatic      |
| 690160   | JTM-1050 | R-8                       | ACU-RITE 200S   | 3 (Quill)      | X, Y, and Z-Axis |                |
| 690164   | JTM-1050 | R-8                       | ACU-RITE 200S   | 3 (Knee)       | X-Axis           |                |
| 690256   | JTM-1050 | R-8                       | ACU-RITE 200S   | 3 (Knee)       | X and Y-Axis     |                |
| 690306   | JTM-1050 | R-8                       | ACU-RITE 300S   | 2              | X-Axis           |                |
| 690307   | JTM-1050 | R-8                       | ACU-RITE 300S   | 2              | X and Y-Axis     |                |
| 691204   | JTM-1050 | R-8                       | Newall DP700    | 2              |                  |                |
| 691172   | JTM-1050 | R-8                       | Newall DP700    | 2              |                  | Pneumatic      |

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## FULL SERIES

| STOCK NO | MODEL NO | SPINDLE TAPER (IN. X TPI) | DIGITAL READOUT | NUMBER OF AXIS | POWERFEED    | POWER DRAW BAR |
|----------|----------|---------------------------|-----------------|----------------|--------------|----------------|
| 691206   | JTM-1050 | R-8                       | Newall DP700    | 2              | X and Y-Axis |                |
| 691207   | JTM-1050 | R-8                       | Newall DP700    | 3 (Quill)      |              |                |
| 691208   | JTM-1050 | R-8                       | Newall DP700    | 3 (Quill)      | X-Axis       |                |
| 691209   | JTM-1050 | R-8                       | Newall DP700    | 3 (Quill)      | X and Y-Axis |                |
| 690234   | JTM-1050 | R-8                       | Newall DP700    | 3 (Quill)      | X, Y, Z-Axis | Pneumatic      |
| 691234   | JTM-1050 | R-8                       | Newall DP700    | 3 (Knee)       |              |                |
| 691236   | JTM-1050 | R-8                       | Newall DP700    | 3 (Knee)       | X-Axis       |                |

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