

VMC Operator – 3 Axis (DMG MORI | Siemens Controller)

Job Description : Operator – 3 Axis (DMG MORI | Siemens Controller)

Position Title

VMC Operator – 3 Axis (DMG MORI / Siemens)

Reporting – Floor manager/ Supervisor/ Programmer

Department

Manufacturing / Toolroom / CNC Machining

Experience

Minimum 3–6 years hands-on experience on 3-axis VMC machines

Direct experience on DMG MORI with Siemens controller preferred

Key Responsibilities

Machine Operation

- Independently operate 3-axis DMG MORI VMC machines
 - Perform machine start-up, referencing (homing), and shutdown procedures
 - Load VMC programs and execute:
 - Dry run
 - Single block
 - Feed override during cutting
 - Set and manage:
 - Work offsets (G54–G59)
 - Tool length offsets
 - Wear offsets for finishing operations
 - Carry out manual or probe-based tool touch-off
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Drawing Interpretation & Accuracy Control

- Read and interpret 2D mechanical drawings accurately
 - Understand and apply:
 - Linear tolerances
 - Hole/shaft fits (H7, g6, etc.)
 - Datum references
 - Surface finish symbols (Ra)
 - Maintain tight tolerances up to ± 0.01 mm through:
 - Correct offset adjustment
 - Tool condition monitoring
 - Process control
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Machining Knowledge

- Select appropriate spindle speeds and feeds based on:
 - Tooling
 - Material

- Machining strategy
 - Perform:
 - Face milling
 - Pocketing
 - Profiling
 - Drilling / tapping / reaming
 - Understand climb vs conventional milling
 - Identify and correct machining issues such as chatter, poor finish, or tool wear
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Measurement & Quality

- Measure components using:
 - Digital vernier
 - Micrometre (0–25 mm minimum)
 - Dial indicator / height gauge
 - Conduct first-off inspection and in-process checks
 - Take corrective action using wear offsets when dimensions deviate
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Safety & Discipline

- Follow machine safety protocols and door interlocks strictly
 - Maintain clean machine table and fixtures
 - Report crashes or abnormalities immediately
 - Ensure proper housekeeping around the machine
 - Follow job cards and process sheets
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Independence & Responsibility

- Run jobs with minimal supervision
 - Maintain production and inspection records
 - Handle tools responsibly and ensure correct loading
 - Coordinate with programmer / supervisor for any process deviation
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Required Skills

- Strong understanding of Siemens **VMC** interface and operation logic
 - Solid grasp of tolerances and precision machining
 - Experience with Mold, die, or precision components
 - Ability to hold ± 0.01 mm consistently
 - Practical knowledge of tool offsets and wear compensation
 - Good shop-floor discipline and ownership mindset
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Educational Qualification

- ITI / Diploma in Mechanical / Tool & Die / **VMC** Machining (B.Tech optional, not mandatory)
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Preferred Profile

- Prior DMG MORI operating experience

- Exposure to mold base, core/cavity, inserts, lifters, plates
 - Comfortable working in toolroom environment
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Performance Indicators

- Dimensional accuracy
- Surface finish quality
- Tool life management
- Machine uptime
- Compliance to safety and process