

| MC2400 Flange Machining Center Specifications | | |
|--|--------|--|
| MC Capabilities | | |
| Operations | | Workpiece Location Recognition Bolt Circle Drilling Face Grinding Edge Grinding |
| Pipe / Flange Dimensions | | |
| Pipe Nominal Diameter, Maximum | mm | 2,400 |
| Flange Outer Diameter, Maximum | mm | 2,800 |
| Flange Bolt Circle Diameter, Maximum | mm | 2,650 |
| Flange Thickness, Maximum | mm | 300 |
| Flange Bolt Hole Diameter | mm | 22 - 52 |
| Flange Bolt Diameter | | M20 - M48 |
| Flange Number of Bolts | | 12 - 80 |
| Spindle | | |
| Spindle power | kW | 5.5 |
| Spindle speed – adjustable | rpm | 100 – 3000 |
| Maximum tool diameter | mm | 100 |
| Maximum tool length | mm | 300 |
| Spindle tool change | | Pneumatic |
| Coolant | | Through spindle and external |
| Recommended tools | | Diamond bits |
| Axis Travel | | |
| X-Axis | mm | 2,900 |
| Y-Axis | mm | 2,900 |
| Z-Axis, Vertical | mm | 650 |
| Touch Probe | mm | 400 |
| Lifting Table | mm | 1150 |
| Positioning Accuracy | mm | 0.25 |
| Jog Speed, Maximum | mm/min | 5,000 |
| Control | | |
| Number of Axes | | 6 |
| Number of Axes in Coordinated Motion | | 3 |
| CNC Form Factor | | Industrial PC – Cabinet Mount |
| Servo Connectivity | | Digital Drives |
| CAD / CAM | | PC-Based Wizard Driven to Define New Geometries Database for Previously Defined Geometries |