



WFL M80 4500 TURNING MILLING CENTER

As an end-user manufacturer, we depend on the WFL M80 4500 Turning-Milling Center for its superior capability to perform high-precision turning, milling, drilling, and grinding in a single setup. Designed for large and complex workpieces in industries such as aerospace, energy, mining, construction, and heavy machinery, this multi-functional machine ensures maximum efficiency, accuracy, and productivity with its advanced CNC automation.

TECHNICAL SPECIFICATIONS

- Max. Turning Length: 177"
- Max. Workpiece Diameter: 39"
- Main Spindle Power: 80 HP
- Milling Spindle Speed: Up to 12,000 rpm
- Tool Magazine Capacity: 80+ tools
- Machine Weight: Approx. 154,000 lbs
- Control System: Siemens SINUMERIK 840D sl

WHY THE WFL M80 4500?

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Multi-Process Machining
 Combines turning, milling, drilling, and grinding in one setup, reducing cycle times and improving accuracy.
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Heavy-Duty Machining Capacity
 Handles workpieces up to 177" in length and 39" in diameter with high cutting forces.
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Advanced CNC Control
 Equipped with Siemens SINUMERIK 840D, allowing full 5-axis simultaneous machining.
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Powerful Spindle Performance
 High-torque turning and milling spindles for demanding materials and complex geometries.
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Automatic Tool Changer (ATC)
 Ensures fast and efficient tool changes for uninterrupted production.
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Integrated Measurement Systems
 Enables in-process measuring, automatic corrections, and high-precision machining.

