

GM-20-06

The GM-Series gantry mill was specifically designed for handling heavy-duty milling operations. Crafted with a monobloc welded steel frame, the GM-Series boasts exceptional stability and precision, allowing for consistent and accurate results every time. To enhance the machine's performance, we've incorporated an advanced motion control system and upgraded x-axis servo motors, ensuring smooth and efficient operation.



MACHINE SPECIFICATIONS

Travels & Capacity

X, Y, Z Machining Area	240 x 72 x 21 in
Table Size	240 x 72 in
Spindle Nose to Table	3 to 24 in

Spindle

Max. Spindle Speed	6,000 RPM
Spindle Power	40 HP
Spindle Torque	145 ft/lbs

Tool Changer

Tool Type	CT50
Number of Tools	20

Feed Rates

Rapid Traverse X, Y, Z-Axis	1,200, 1,000, 170 IPM
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Accuracy

Repeatability Accuracy [in]	X: ±0.0007, Y: ±0.0005, Z: ±0.0005
Position Accuracy [in]	X: ±0.002, Y: ±0.001, Z: ±0.001

Size

Max. Operating Floor Space	353 x 158 in
Machine Height	124 in

Included Upgrades

Rigid Tapping
Double Guides on X-Axis
Upgraded X-Axis Servo Motors

*Sizes based on standard 20ft machine. Additional lengths & widths available.

STANDARD FEATURES

- Hand Pendant
- 22" Touch Screen Monitor
- Omron FlexCNC Controller
- Mobile Control Panel
- Through Spindle Coolant
- Auto Tool Changer
- Flood Coolant
- Light Curtain on Y-Axis
- Tool Calibrator
- LED Machine Light
- Ethernet Connection
- Safety Laser Scanner on Front of Machine
- Physical Safety Fence on the Rear of the Machine
- 90 Gallon Coolant Tank
- Chip Auger & T-Slot Rails

OPTIONS

Safety

Laser Scanner on Rear of Machine

Convenience

Z-Reader Probe

Lubrication

External Air Blast

Through Spindle Air Blast

External Micro Spray

External Oil Spray

External Paste Spray

High Pressure Coolant 20 Bar

4th Axis

4th Axis with 10" Platter with Fixed Table and 3 Jaw Chuck

4th Axis with 16" Platter with Fixed Table and 3 Jaw Chuck

Fixturing

Pneumatic Vise - Universal

Pneumatic Vise - Multi

Misc

Bellow Covers for X & Y-Axis

A/C for Electrical Cabinet

Chip Conveyor
