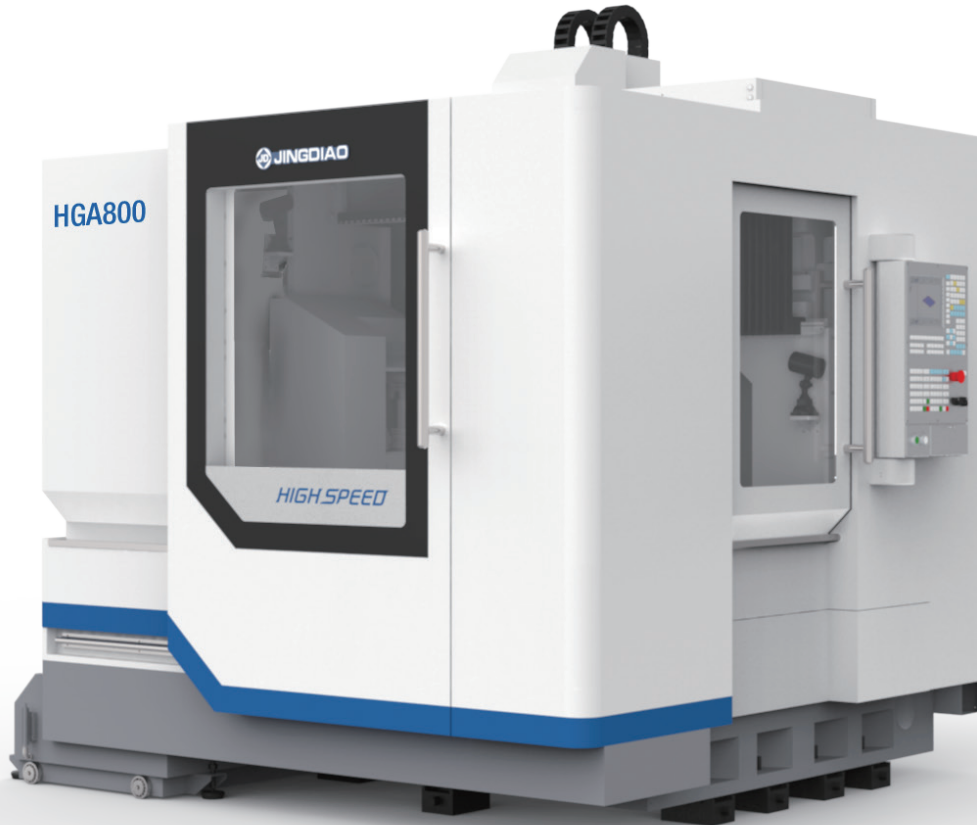


HGA800



Full closed-loop control technology, suitable for the machining of precision mold & die and precision parts machining.

- + The ability of “0.1 μ Feeding and 1 μ Cutting”, strong anti-vibration performance and less tool wear.
- + Real-time on-machine measurement evaluation and real-time intelligent modification of intermediate machining process.
- + Optionally equipped with laser tool-length calibrator to effectively monitor tool profile, tool wear and spindle thermal elongation.
- + Optionally equipped with Φ 150 high-speed synchronous spindle, cutting ability and machining efficiency are significantly improved, and the composite machining capabilities of milling, grinding, drilling, boring and tapping are strengthened.

HGA800

Technical Specification

| Items | | Standard Value |
|---------------------------|----------------|--|
| Position Accuracy (X/Y/Z) | mm/(in) | 0.002/ 0.003/ 0.002(0.00008"/ 0.00012"/ 0.00008") |
| Repeatability (X/Y/Z) | mm/(in) | 0.0018/ 0.0025/ 0.0018(0.00007"/ 0.00010"/ 0.00007") |
| Travel (X/Y/Z) | mm/(in) | 800/ 800/ 350 (31.5"/ 31.5"/ 13.8") |
| Worktable Size | mm/(in) | 850×850 (33.5"×33.5") |
| Max. Load | Kg/(lb) | 1,000 (2,205) |
| Max. Spindle Speed | r/min | 24,000 |
| Tool Holder Type | | BT30 |
| Tool Magazine Capacity | | 32 |
| Max. Rapid Rate (X/Y/Z) | m/min (in/min) | 18(708) |
| Max. Feed Rate (X/Y/Z) | m/min (in/min) | 10(393) |
| Drive System | | AC servo |
| Voltage | | 3-Phase, 380V/50Hz, or Customized |
| Air Pressure | MPa (psi) | ≥ 0.52 (75.4) |
| Machine Weight | Kg (lb) | 9,000 (19,845) |

+ Above parameters have been calibrated With reference to International standard ISO230-2.

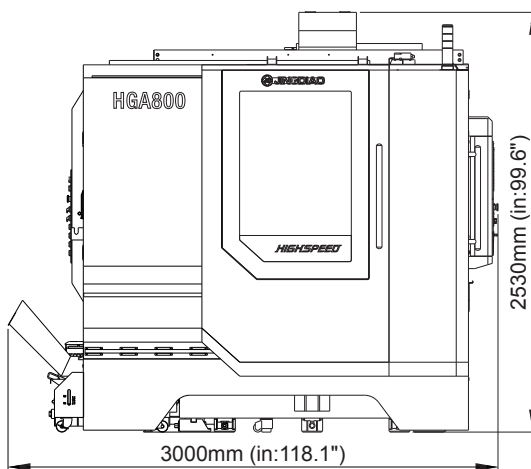
Standard

- + JD50 Control System
- + Full Closed-loop Control With Grating Scale
- + Spindle & Ballscrew Chiller
- + Chain-type Tool Magazine
- + Chip Conveyor
- + Contact Tool Calibrator
- + Handwheel
- + Jingdiao On-machine Measurement System

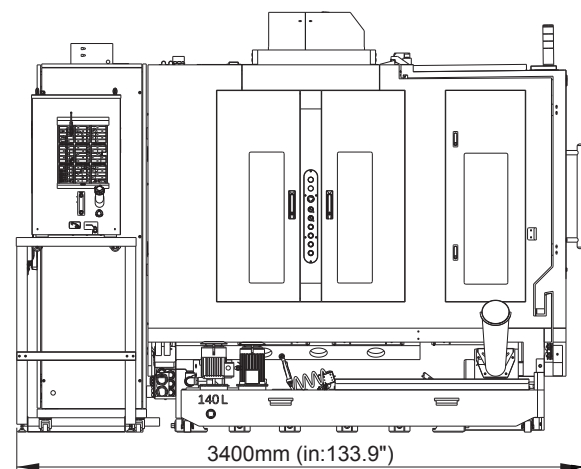
Optional

- + Coolant Chiller
- + Bag Type Filtration System
- + Oil Mist Separator
- + Mirco-Mist Lubrication System
- + Laser Tool Calibrator
- + Probe

Machine Dimension



Front View



Left View