



JAVA Machining



Equipment:

Vertical Milling, Horizontal, Robotics

Vertical Mill: 3+1, 5 Axis

2) Haas VF4SS 2) Haas UMC500SS

Horizontal: 4 Axis w/APC

Okuma MB4000H with 6 pallet APC

CONTRACT MANUFACTURING

Full-Service Manufacture Concept to Completion

At Java Machining, we specialize in the repeatability of precision production parts, with advanced CNC machines, calibrated for exacting tolerances to ensure each part meets stringent quality standards. Our lights-out manufacturing capabilities allow our facility to operate 24/7/365, enhancing efficiency and providing significant cost savings by optimizing machine uptime and reducing labor costs. This around-the-clock operation guarantees that we meet tight deadlines and deliver on time, every time, regardless of order complexity or volume. Our rigorous quality control process, conducted in a state-of-the-art inspection room using the latest measurement technologies, ensures each product adheres to required specifications, securing your trust and satisfaction.

Services:

- **Precision CNC Machining**
Medium - High quantities
- **Material Finishing**
Through our trusted third party
- **Quality Inspection**
In-process, FAI, Final Inspection
- **Full-Service Assembly**
Part assembly and packaging
- **Materials**
Metal & Plastic, Standard & Exotic

EQUIPMENT DETAILS

Haas VF-4SS Vertical Mills

·Table Size: 52" x 18" (1321 x 457 mm)

·Spindle Speed: Up to 12,000 RPM

Special Setup: 4-axis production

Features: Equipped with a 6-sided Martin Trunnion connected to an HRT310 rotary, optimized for high-volume and 4-axis production

Haas UMC-500SS

·Table Size: 24.8"x19.7"(630x500mm)

·Spindle Speed: Up to 15,000 RPM

Features: Simultaneous 5-axis motion dynamic work offsets. SCHUNK VERO-S NSL3200 for zero-point fixturing.

Special Setup: Connected to a Trinity AX2 16-pallet loader equipped with tombstones for high-volume, lights-out manufacturing.

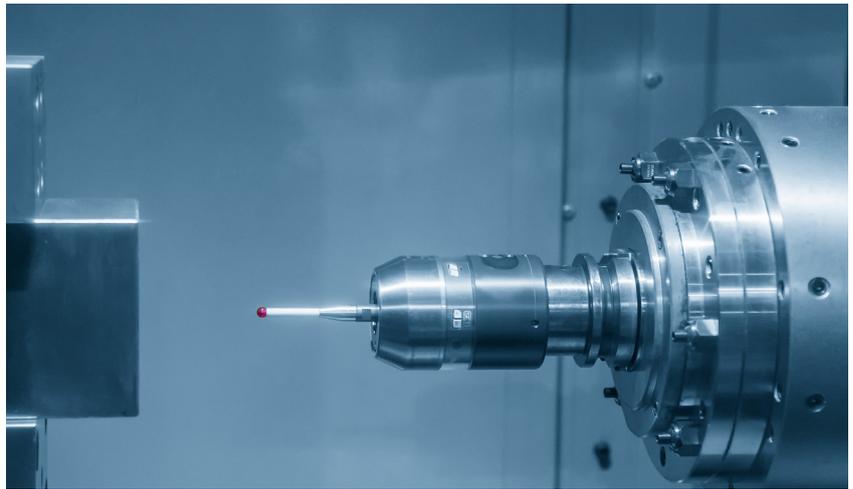
Okuma MB-4000H Horizontal Mill

·Table Size: 15.75" x 15.75" (400 x 400 mm)

·6 Pallet APC



Fast Facts: Automatic Pallet Changers (APCs)



TECHNICAL DATA SPECIFICATION

Equipment	Axis	Spindle
HAAS VF4SS w/6-sided Martin Trunnion	3 plus 1	12000 TSC
HAAS VF4SS	3 plus 1	12000 TSC
HAAS UMC500SS w/SCHUNK VERO-S	5	15000 TSC
HAAS UMC500SS w/Trinity Ax2 16 pallet	5	15000 TSC
Okuma MB-4000H w/6 Pallet APC	4	15000 TSC

QUALITY STANDARDS

✓ ISO 9001-2015

- OUR QUALITY MANAGEMENT SYSTEM WITH A PROCESS-BASED, RISK-FOCUSED APPROACH THAT INVOLVES THE ENTIRE ORGANIZATION, ALLOWING US TO CORRECT AND ANTICIPATE PROBLEMS. CURRENTLY OUR ISO CERT IS IN-PROCESS AND IS EXPECTED TO BE COMPLETED BY THE END OF 2024.

PRODUCT CERTIFICATIONS



ISO 9001-2015

In-Process



ISO 14001-2015

In-Process

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