

Facilities List September 2015

Milling Centers

- ❶ Cincinnati Milacron 5axis vertical machining center
Model: 30V series bridge type, 144" x 78" x 29" large bed travel. 5,000 RPMs
- ❷ Okuma 5 axis vertical machining center with Thru the Spindle Coolant
Model: 853PF-5X, 126" x 33" x 28" – 12,000 RPMs
- ❶ Okuma 4 axis vertical mill/turn machining center with Thru the Spindle Coolant
Model: MB-8000H, 51" x 43" x 49" – 2 pallets, with 4 spare pallets 12,000 RPMs
- ❷ Akari/Seiki 4 axis horizontal machining center with Thru the Spindle Coolant
Model: HS450i/6APC, 25" x 24" x 26" – 6 pallets – 15,000 RPMs
- ❶ Kiwa 4 axis horizontal machining center with built in index table, and Thru the Spindle Coolant
Model: KH-45g, 25" x 27" x 24" – 5 pallets – 12,000 RPMs
- ❶ Kuraki 4 axis horizontal heavy duty machining center with Thru the Spindle Coolant
Model: KHM-125 79" x 49" x 39" large bed travel and 49" x 49" dual pallet – 8,000 RPMs
- ❷ Makino 4 axis horizontal machining center with Thru the Spindle Coolant
Model: A81M, 35.4" x 31.5" x 40.1" – 12 pallet **Robotic System** – 10,000 RPMs
- ❶ Mazak 3 axis vertical machining center with Thru the Spindle Coolant
Model: AJV-35/80, 78.7" x 35.5" x 20" – 5,000 RPMs
- ❶ Vtec 3 axis vertical machining center with Thru the Spindle Coolant
Model: VB2516, 98" x 63" x 31" – 6,000 RPMs
- ❶ DMG 3 axis vertical machining center with Thru the Spindle Coolant
Model: DMF 500 linear, 196" x 36" x 32" – 10,000 RPMs
- ❶ MAG FADAL 3 axis vertical machining center
Model: VMC4020FX, 40" x 20" x 16" – 8,000 RPMs
- ❷ OKUMA 3 axis vertical machining center
Model: GENOS M560-V, 41" x 22" x 186" – 15,000 RPMs
- ❶ Fortune 3 axis vertical machining centers
Model: VCENTER-140, 55" x 27" x 27" – 4,500 RPMs

Turning Centers

- ① Fortune 2 axis turning center
Model: V-TURN-46, 28" Dia. x 70" Length – 1,500 RPMs
- ① Okuma Heritage 2 axis turning center
Model: ES-L10II, 12" Dia. x 20" Length – 3,000 RPMs

Inspection Equipment

- ① Zeiss Coordinate Measuring Machine
Model: CONTURA MMZ K, 79" x 250" x 59" – driven by Calypso software
- ① Zeiss Coordinate Measuring Machine
Model: CONTURA G2, 40" x 83" x 24" – driven by Calypso software
- ① Romer – CimCore Infinite Portable Arm Coordinate Measuring Machine
Model: 5024 – driven by Power Inspect software

Engineering Software

CATIA Version 5

CATIA Version 4

Mastercam X6 CAD/CAM Software

Siemens NX 8.5, 9, 10

Vericut NC Verification Software