

A Tooling Systems Group Company
Equipment List
CAD/CAM

- 3 • CATIA V5 Windows 2000 3 GIG PC Workstations
- 1 • Auto Form Draw Simulation stations
- 4 • Unigraphics V4 Workstations
- 10 • NX4 Viewers for Unigraphics
- 1 • Shop Link DNC Systems
- 1 • Full FTP site capabilities
- 1 • HP 1055CM 36" Wide Color Plotter
- 8 • Enovia Viewer stations for Catia
- 1 • Smirt NC License
- 8 • Work NC Licenses
- 2 • Gibbs cam Licenses

CNC Milling Machines

- 1 • 2022 Mitsubishi MVR 40 Bridge Mill X 244" x Y 158" x Z 82" Through Spindle Coolant with 5 Axis Head
- 1 • 2016 Mitsubishi MVR 35 Bridge Mill X 205" x Y 137" x Z 81" Through Spindle Coolant with 5 Axis Head
- 1 • 2017 Mitsubishi MVR 25 Bridge Mill X 126" x Y 98.4" x Z 40"
- 1 • 2006 Union CNC Boring Mill X 235" x Y135" x Z34" Through Spindle Coolant with 40 Ton Rotating Table
- 1 • 2008 Niigata 1000mm x 950mm x 850mm Horizontal Machine Center with Pallet Changer
- 1 • 2018 Okuma 41" x 22" Y x 18" (Z) 15,000 rpm Spindle
- 1 • 2011 Vision wide 78.25" x 62.5" x 62.5" 6,000 RPM Spindle
- 1 • 2012 Vision wide 102" x 63" x 31.5" 6,000 RPM Spindle
- 1 • Johnford DMC 1200H CNC Mills
- 1 • 12,000 RPM 47"x 35.5"y 30"z
- 1 • Mazak Nexis 510-C (with pallet changer) X40" x Y20" x Z22"
- 1 • Mazak 250D X70" x Y25" x Z25"

Manual Milling Machines

- 1 • Cincinnati vertical mill
- 10 • Bridgeport Mills
- 2 • Lagun mill with digital readout

Handling Equipment

- 1 • 40-ton overhead crane w/ 20-ton auxiliary
- 2 • 30-ton overhead crane w/ 15-ton auxiliary
- 3 • 25-ton overhead crane w/ 10-ton auxiliary
- 3 • 20-ton overhead crane with 10-ton auxiliary
- 2 • 15-ton overhead crane with 5-ton auxiliary
- 2 • 10-ton overhead cranes
- 4 • 5-ton overhead cranes in die bays
- 2 • 8,000 lb. Lift-truck
- 2 • 12,000 lb. Hyster Lift-truck
- 2 • 5,000 lb. Yale Lift-truck
- 2 • 12,000 lb. AC Hi Low

QC Department

- 1 • Mitutoyo CMM 120" x 60" y 40" z (PC-Dmis)
- 1 • Romer 12ft Remote Scanning Arm with Polyworks

Drill Presses

- 2 • Wilton floor model
- 2 • Fosdick floor model
- 3 • Cincinnati Bickford 21" square column power feed
- 3 • Giddings/Lewis Bickford 24" square column power feed
- 1 • Fosdick 25" square column power feed
- 3 • Carlton 8' radial arm
- 1 • Carlton 6' radial arm
- 2 • Carlton 5' radial arm
- 1 • Carlton 4' radial arm
- 1 • Cincinnati Bickford 4' radial arm

Tryout Equipment

- 1 • 3,000-ton Clearing 108" x 222", dual rollout bolsters, 57" max S.H., 108" x 77" Air Cushion, and 72" Perfecto Coil Feeder System.
- 1 • 2,200-ton Jier 98" x 240", rollout bolster, 56" max S.H., Variable 10 to 30 strokes per minute, and 72" servo coil feed system.
- 2 • 2,000-ton Clearing straight side presses 120" x 180" dual rollout bolsters w/ 180" Air Cushion (600 ton) on both presses. Max shut height = 70" with a 40" stroke and 30" ram adjustment.
- 1 • 1,500-ton Clearing 108" x 222", dual rollout bolsters, 57" max S.H.
- 1 • 300-Ton Dake Hydraulic Spotting Press 61" x 115

Grinders

- 1 • Mattison 48" rotary grinder
- 3 • Okamoto 6" x 18" surface grinder
- 2 • Gallmeyer 10" x 30" hydraulic surface grinder
- 3 • Gallmeyer 12" x 24" hydraulic surface grinder
- 3 • Gallmeyer 12" x 36" hydraulic surface grinder
- 2 • Gallmeyer 16" x 72" hydraulic surface grinder
- 1 • Abrasive 18" knee grinder
- 1 • Powermatic cut-off

Cut-Off Equipment

- 1 • Marvel 81A universal band saw
- 2 • Leten contour band saw with 20" throat
- 1 • Walker-Turner band saw with 18" throat
- 2 • Tannewitz band saw with 36" throat
- 1 • Cincinnati Shear