

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
- 3 • DSL Line & Phone Modem
- 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
- 6 • Gibbs cam Licenses

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
- 3 • Cincinnati Bickford 4' radial arm

CNC Milling Machines

- 1 • 2022 Mitsubishi MVR 40 Bridge Mill X 244" x Y 158" x Z 82"
- 1 • 2016 Mitsubishi MVR 35 Bridge Mill X 205" x Y 137" x Z 81"
- 1 • 2017 Mitsubishi MVR 25 Bridge Mill X 126" x Y 98.4" x Z 40" Through Spindle Coolant with 5 Axis Head
- 1 • 2004 FPT Area ME CNC Boring Mill X472" x Y137" x Z60" Through Spindle Coolant with 5 Axis Head
- 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" 6,000 RPM Spindle
- 1 • 2012 Vision wide 102" x 63" x 31.5" 6,000 RPM Spindle
- 2 • Johnford DMC 1200H CNC Mills 12,000 RPM 47"x 35.5"y 30"z
- 2 • Mazak Nexis 510-C (with pallet changer) X40" x Y20" x Z22"
- 2 • Mazak 250D X70" x Y25" x Z25"
- 1 • Droop & Rein LSAF 130ke Fidia CNC digitizing 120"x 60"y 40"z
- 1 • Giddings Lewis CNC DiMill 172"x 72"y

Tryout Equipment

- 1 • 3,000-ton Clearing 108" x 232", dual rollout bolsters, 57" max S.H., 108" x 77" Air Cushion, and 72" Perfecto Coil Feeder System.
- 1 • 2,200-ton Jinan 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 = 69" with a 40" stroke and 30" ram adjustment.
- 1 • 1,500-ton Clearing 108" x 232", dual rollout bolsters, 57" max S.H.
- 1 • 1,300-ton Clearing 800/500-ton double action straight side press 100" x 180", rollout bolster 90" max S.H. w/180" Air cushion (275 ton)
- 1 • 800-ton Clearing straight side press 66" x 120" rollout bolster, 51" max shut height. Full bolster Air Cushion.
- 1 • 600-ton Verson straight side press 66 x 132 rollout bolster, 56" max shut height. Full bolster Air Cushion.
- 1 • 250-ton USI Clearing straight side press with Littell feeder, 48" x 132" bed; 48.5" max shut height
- 1 • 250-ton Verson gap frame press w/ rollout bolster 43 F to B, 97 L to R, 54" max shut height
- 1 • 200-ton Verson 74" F to B, 58 L to R, 60" max shut height
- 1 • 300-Ton Dake Hydraulic Spotting Press 61" x 115

Manual Milling Machines

- 1 • Cincinnati #5 vertical mill
- 1 • Cincinnati #4 vertical mill
- 1 • Cincinnati #3 horizontal mill
- 1 • Kearney Trecker #3 horizontal
- 10 • Bridgeport Mills
- 2 • Lagun mill with digital readout

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 • Medina end grinder
- 1 • Knee grinder
- 1 • Abrasive 18" knee grinder
- 1 • Powermatic cut-off

Handling Equipment

- 1 • 40-ton overhead crane w/ 20-ton auxiliary
- 2 • 30-ton overhead crane w/ 15-ton auxiliary
- 5 • 25-ton overhead crane w/ 10-ton auxiliary
- 4 • 20-ton overhead crane with 10-ton auxiliary
- 2 • 15-ton overhead crane with 5-ton auxiliary
- 4 • 10-ton overhead cranes
- 2 • 12.5-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

Cut-Off Equipment

- 2 • 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

QC Department

- 1 • Mitutoyo CMM 120" x 60" y 40" z (PC-Dmis)
- 1 • 2018 Faro 12ft Remote Scanning Arm

Updated 19/Aug'22