

ADVANCED TOOLING SYSTEMS - EQUIPMENT LIST

CAD/CAM

| | | |
|----|---|---|
| 8 | • | CATIA V5 Windows 2000 3 GIG PC Workstations |
| 3 | • | Auto Form Draw Simulation stations |
| 6 | • | 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 |
| 2 | • | Carlton 5' radial arm |
| 1 | • | Carlton 4' radial arm |
| 3 | • | Cincinnati Bickford 4' radial arm |

CNC Milling Machines

| | | |
|---|---|---|
| 1 | • | 2016 Mitsubishi MVR 35 Bridge Mill X 236" x Y 98.4" x Z 82" |
| 1 | • | 2017 Mitsubishi MVB 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

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|---|---|--|
| 1 | • | 3,000-ton Clearing 108" x 232", duel rollout bolsters 57" max S.H. w/ 2012 72" Perfecto Coil Feeder System |
| 1 | • | 1,500-ton Clearing 108" x 232", duel 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/Perfecto 72" Coil Feeder System |
| 1 | • | 800-ton Clearing straight side press 66" x 120" rollout bolster, 51" max shut height |
| 1 | • | 600-ton Verson straight side press 66 x 132 rollout bolster, 56" max shut height |
| 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

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|---|---|---------------------------------|
| 1 | • | Cincinnati #5 vertical mill |
| 1 | • | Cincinnati #4 vertical mill |
| 1 | • | Cincinnati #3 horizontal mill |
| 1 | • | Kearney Trecker #3 horizontal |
| 6 | • | 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 |

Approx. 132,000 sq. ft.



ATS
ADVANCED TOOLING SYSTEMS

TOOLING SYSTEMS GROUP