



## Advanced Tooling Systems

A company of

## Tooling Systems Group

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## Equipment List

**One TSG; Focused on Customer Success by Providing Global Tooling Integration Solutions**

## CAD/CAM

Quantity	Equipment
7	CATIA V5 Windows 2,000 3 GIG PC Work Stations
13	Enovia Viewer Licenses for CATIA
3	Unigraphics V4 Licenses
10	NX4 Viewer for Unigraphics
7	Work NC Licenses
6	Gibbscam Licenses
1	ShopLink DNC Systems
1	Full FTP Site Capabilities
1	HP 1055CM 36" Wide Color Plotter
3	Auto Form Draw Simulation Stations
3	DSL Line & Phone Modem
2	Autoform R5.2s Viewers
1	Smirt
1	PC-DMIS
1	GeoMagic

## Milling Machines

Quantity	Equipment	Work Area
1	2016 Mitsubishi MVR 35 Bridge Mill	236"x 98.4"y 82"z
1	2016 Mitsubishi MVR 25 Bridge Mill	126"x 98.4"y 40"z
1	2018 Okuma	41"x 22"y 18"z 15,000 rpm spindle
1	Mitsubishi MVR35EX Mill w/ 5 Axis Head	204.7"x 137.8"y 31.5"z 51.2"w
1	2004 FPT Area ME CNC Boring Mill w/ 5 Axis Head	472"x 137"y 60"z
1	2008 Niigata Horizontal Machine Center with Pallet Changer	1000mm x 950mm x 850mm
1	Union Boring Mill with 3,000 RPM Spindle (through spindle coolant capable) and 40,000 lb. Rotating table	235"x 135"y 34"z
1	2012 Vision Wide SF-2616 Mill with 6,000 RPM Spindle (through spindle coolant capable) and 40 ATC	102"x 63"y 31.5"z
1	Vision Wide VN-2016 Mill with 6,000 RPM Spindle (through spindle coolant capable) and 40 ATC	78"x 63"y 31.5z
2	Johnford DMC 1200H CNC Mills with 12,000 RPM	47"x 35.5"y 30"z
2	Mazak Nexis 510-C with Pallet Changer	40"x 20"y 22"z
2	Mazak 250D CNC Mills	70"z 25"y 25"z
1	Dah Lih CNC Mill	82"z 32"y 27.5z
1	Droop & Rein LSAF 130ke Fidia CNC, Tracing & Digitizing	120"x 60"y 40"z
1	Giddings Lewis CNC Di Mill	172"x 72"y
1	Giddings Lewis CNC Di Mill	72"x 48"y
1	Cincinnati #5 Vertical Mill	
1	Cincinnati #4 Vertical Mill	
1	Cincinnati #3 Horizontal Mill	
1	Kearney Trecker #3 Horizontal Mill	
2	Bridgeport Mills	
4	Willis Microcut Jig Bore Mills with Digital Readouts	
1	Lagun Mill with Digital Readout	

## Handling Equipment

Quantity	Equipment
1	30-Ton Overhead Crane with 15-Ton Auxiliary
5	25-Ton Overhead Cranes with 10-Ton Auxiliary
4	20-Ton Overhead Cranes with 10-Ton Auxiliary
4	10-Ton Overhead Cranes
4	5-Ton Overhead Cranes
8	8,000 lb. Lift Trucks
2	12,000 lb. Hyster Lift Trucks
2	5,000 lb. Yale Lift Trucks
2	12,000 lb. Allis Chalmers Hi-lo
1	40-Ton Overhead Crane with 20-Ton Auxiliary
2	15-Ton Overhead Cranes with 5-Ton Auxiliary
2	12.5-Ton Overhead Cranes
1	40-Ton Overhead Crane
2	30-Ton Overhead Cranes

## QC Department

Quantity	Equipment
1	Mitutoyo CHN 1612-30 CMM 12"x 60y 40"z
1	Romer 10' Remote Scanning Arm
1	40" Digital Height Gauge
1	24" Digital Height Gauge
1	12" Digital Height Gauge
1	Complete Sets of Gauge Pins and Gauge Blocks
1	2018 Faro 12ft Remote Scanning Arm

## Drill Presses

Quantity	Equipment	Size
2	Wilton Floor Model	
2	Fosdick Floor Model	
2	Cincinnati Bickford Square Column Power Feed	21" Column
3	Giddings/Lewis Bickford Square Column Power Feed	24" Column
1	Fosdick Square Column Power Feed	25" Column
2	Carlton Radial Drill Presses	96" Arm
2	Carlton Radial Drill Presses	60" Arm
1	Carlton Radial Drill Press	48" Arm
3	Cincinnati Bickford Radial Presses	48" Arm

## Tryout Equipment

Quantity	Equipment	Bed Size	Shut Height	Other
1	3,000 Clearing Dual Ram Press	108" x 232"	57" Max	2012 7211 Pretecto Coil Feeder Systems
1	1,500 Ton	108" x 232"	57" Max	Duel Rollout Bolsters
1	1,300 Ton Clearing 800/500 Ton Double action straight side press	100" x 180"	90" Max	Rollout Bolster w/ Perfecto 72" Feeder System
1	800 Ton Clearing Straight Side Press	66" x 120"	51" Max	Rollout Bolster
1	600 Ton Verson Straight Side Press	66" x 132"	56" Max	Rollout Bolster
2	250 Ton Verson Gap Frame Press	43" x 97"	54" Max	Rollout Bolster
1	200 Ton Clearing Gap Frame Press	48" x 84"	54" Max	

## Grinders

Quantity	Equipment
1	Mattison 48" Rotary Grinder
3	Okamoto 6" x 18" Surface Grinders
2	Gallmeyer 10" x 30" Hydraulic Surface Grinders
2	Gallmeyer 12" x 24" Hydraulic Surface Grinders
3	Gallmeyer 12" x 36" Hydraulic Surface Grinders
1	Gallmeyer 16" x 72" Hydraulic Surface Grinder
1	Medina end Grinder
1	Adrasive 18" Knee Grinder
1	Knee Grinder
1	Powermatic Cut-off

## Cut-Off Equipment

Quantity	Equipment
2	Marvel 81A Universal Band Saws
2	Leten Contour Band Saws with 20" Throat
1	Walker-Turner Band Saw with 18" Throat
2	Tannewitz Band Saws with 36" Throat
1	Cincinnati Shear

## Shop Size

Approx. 132,000 sq. ft.