



2103 John Williams Blvd.
Bedford, IN 47421
Phone 812-275-1948
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FACILITY

Updated 2019

- 96,000 Square Feet
- 2 - 60' Bays x 531' Long & 1 - 47' Bay x 418' Long; all having 26' Under Cranes
- 10 - Overhead Bridge Cranes, Range from 5 Ton to 35 Ton
- 4 - Semi Gantry Cranes in Center Bay

HORIZONTAL BORING MILLS

- Doosan CNC Model DBC130: 5.1" Spindle, Travel = 118.1" Horizontal x 78.7" Vertical x 63.0" Column x 27.6" Quill, 70.8" x 63.0" Rotary Table with 33,000 lb weight capacity, 40HP x 2500RPM, 60 Station Tool Changer, Fanuc 31i-A Controls
- HNK CNC Model HB-150: 5.1" Spindle, Travel = 118" Horizontal x 91" Vertical x 63" Column Travel, 87" x 79" Rotary Table with 33,000 lb weight capacity, 40 Station Tool Changer, Fanuc 16MC Controls
- Toshiba CNC Model BF130-B: 5.1" Spindle, Travel = 354" Horizontal x 118" Vertical x 39" Spindle & Quill, 78" x 98" CNC Contouring Rotary Table with 59" Saddle Travel, Tosnuc "888" Controls
- Kuraki CNC Model KBM-11-A: 4.33 Spindle, Travel = 39" Horizontal x 39" Vertical x 27" Cross Table x 11" Axial, 37" x 41" Rotary Table, 30 Station Tool Changer, Fanuc "16-M" Controls
- Toshiba CNC Model BFD-200 Die Mill: (7-axis) 17" x 21" Ram, Travel = 563" Horizontal x 126" Vertical x 40" Ram, 3000 RPM, 120 HP Spindle, 12 Angle and Extension Heads, Fanuc 12 Controls
- Devlieg Model 3B Jigmill: 3" Spindle, 30" x 48" Table Size, Horizontal Travel = 48"

VERTICAL MILLS

- Makino S56 High Speed Machining Center: 20,000 RPM Spindle; 1,500 IPM Feedrate; XYZ Travel = 35" x 19" x 17", 20 Pot Tool Changer, Fanuc Pro3 Controls
- Haas CNC Tool Room Mill: XYZ Travel = 30" x 12" x 12", 4000 RPM x 7.5HP, Haas Controls
- Mori Seiki MV-50E High Speed Vertical Machining Center: 10,000 RPM Spindle, XYZ Travel = 40.2" x 40.1" x 18.1", MSC-1516 Controls
- Kao Ming CNC Model KMC-3000SD Machining Center: XYZ Travel = 127" x 55" x 27", 30 Station Tool Changer, Fanuc "0-M" Controls
- 2 - Enshu CNC Model 650V Machining Center: XYZ Travel = 63" x 25.5" x 26", 30 Station Tool Changer, Fanuc 15 and Yasnac ENAC-1 Controls
- Kuraki CNC KV 2000 Vertical Machining Center: Frame Control, XYZ Travel = 78" x 31" x 30", 32 Station Tool Changer, Fanuc "15-M" Controls
- 3 - Bridgeport 9" x 42" Tables, Travel = 12" x 30", with Readouts
- 1 - Millport Mills, X & Y Readouts, 9" x 42" Table, Travel = 12" x 30"

GANTRY MILLS

- Ingersoll Bridge Type CNC Planar Mill Model MD4131: Travel = 376" Table x 231" Cross x 39" Vertical x 96.4" Cross Rail, 2 Pallets = 196" x 137" with 44000 lbs. load capacity, equipped with automatic head changer and multiple heads, Delta Tau controls

HORIZONTAL MACHINING CENTERS

- Makino MCB1210 Horizontal High Speed Machining Center: XYZ Travel = 49" x 41" x 32", 15,000 RPM, 40" x 40" pallet, 99 Station Tool Changer, Fanuc 16M Pro-3 Controls
- Makino A99 Horizontal High Speed Machining Center: XYZ Travel = 39.4" x 39.4" x 37.4", 12,000 Rpm, Matrix Tool Changer, Fanuc Pro-3 Controls, 3,960 Pallet Weight Capacity

ISO 9001:2015 CERTIFIED

CNC TURNING & MILLING , TOOLING , SPECIAL MACHINES , DESIGN,
DIE / MOLD BUILD & REPAIR , WELDING FABRICATION



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EDM EQUIPMENT

- Makino EDNC85: 3 Axis, Work Tank Internal Dimensions = 47.2" x 31.5" x 17.7", Work Surface Dimensions = 47.2" x 27.6", XYZ Travel = 31.5" x 19.7" x 13.8", Work-piece weight 4,400 lbs.

LATHES

- Haas TL-2 CNC Lathe: 16" x 48" centers, 12 HP x 2000 RPM, 10" chuck
- Polamco Model 360A Engine Lathe: 25" Dia x 120" Centers, 5" Spindle Bore
- Millport SJ-1760G: 17" Dia x 60" Centers, 8" 3-Jaw Chuck
- ChinHung Model HS0214: 17" Dia x 60" Centers
- LeBlond Makino: 19" Regal Precision

GRINDING EQUIPMENT

- Okamoto ACC 16x32ST: Surface Grinder
- Toshiba Rotary Grinder: 42" Capacity
- Landis OD/ID Type #24 Grinder: 10" Max Dia x 20" Centers
- Grand Rapids 350: 6" x 24" Surface Grinder

CUTOFF EQUIPMENT

- 2 - Marvel Precision Band Saws: Autofeed, 18" x 18" Capacity
- Spartan S36V: Vertical Band Saw
- Kalamazoo Horizontal Band Saw
- Cambell Sevrall Cutoff Saw

ENGINEERING/SOFTWARE

- MasterCAM
- Unigraphics
- AutoCad
- Plotter 36" Width
- E2 Shop System

QUALITY CONTROL

- 2 - Faro Laser TrackerX Lasers with mobile workstation.
- Faro Platinum Arm portable CMM with 8' diameter reach.
- Mitutoyo CHN1280 Horizontal Arm: XYZ Travels = 59.0" x 31.5" x 47.2", GEOMEASURE™ 6000 / ScanMeasure™, 8 Ton Moveable Table Capacity
- GageTrack software for tool calibration
- Wilson Hardness tester
- Height Gages: 12" to 24"
- Holtest (Cylinder bore): 0.8 to 8.0 inch (resolution 0.0002)
- Micrometers, inside: 1.5 to 40.0 inch
- Micrometers, outside: 0.0 to 36.0 inch

FABRICATION EQUIPMENT

- Accurshear Model 25010, Hydraulic Shear, 10' x 250 Ton
- CNC Accurpress Pressbrake, 12' x 175 Ton, Hurco CNC Control
- 2 - Piranha II Iron Worker x 90 Ton

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PRESSING EQUIPMENT

- Jarecki Model SP4-500-144-80 Hydraulic Spotting Press: 58" Stroke x 53" Shut Height x 8" Slide Adjustment, 4-Post, 144" x 80" Rolling Bolster, 500 Ton Capacity
- Verson Model D2-50-108-80 Hydraulic Spotting Press: 48" Stroke x 36" Shut Height, 4 Post, 108" x 80" Rolling Bolster, 50 Ton Capacity
- Wilson H-Frame Hydraulic Press: 75 Ton Capacity
- Horizontal Shaft Press: 250 Ton x 15' Capacity

WELDING & CUTTING EQUIPMENT

- Aviator XL Dual Process Cutting Machine: 6' x 12' cutting area, Equipped with Auto-Cut 200 Power Supply
- Hobart 250 Amp TIG Welder
- Miller Dimension 400 Welder
- Miller Syncrowave 500 TIG Welder
- Miller Dynasty 350 TIG Welder
- OTC Turbo Pulse 350 Welder
- Miller XMT-350 Mig Welder
- Miller Gold Star 652 Stick Welder
- Lincoln Power MIG 255 Welder
- Miller Matic 350 Welder
- Miller Invision 354MP Welder

PAINT SYSTEM

- Nordson Powder Paint System: Booth Size: 8' x 8' x 10'
- Fremont Industries Phosphatizing Machine
- 8' x 8' x 10' Walk-in Powder Paint Oven

MISCELLANEOUS

- Electric pre-heat / stress relief oven: 24" wide x 32" deep x 22" tall
- Gas pre-heat / stress relief oven: 46" wide x 58" deep x 36" tall
- Trinco Sandblast Cabinet: 60" x 60" Suction Blast, 3,000 Capacity
- Cincinnati-Brickford: 7' Radius x 19" Column Radial Drill
- Wilton VSC 20 Drill Press: 24" x 40" Table
- Central 16 Speed Heavy Duty Drill Press
- Avey Drill Press: 24" x 34" Table
- 2-Rigid Model 535 Pipe Threading Machines
- Hotsy High Pressure Washer System

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