PUBLIC AUCTION

Automotive Finishing & Machining Company

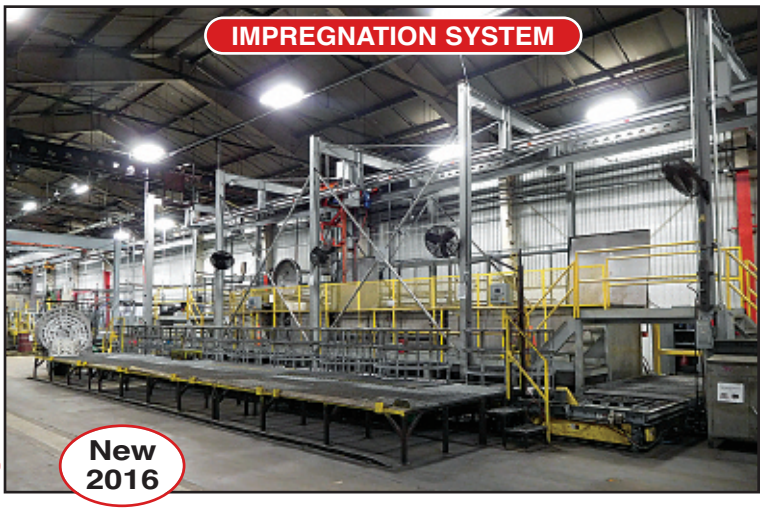
Cardinal Metal Finishing

1500 E. Murden Street
Kokomo, Indiana 46901

SALE DATE: Tuesday, February 12th 10:00 am EST

INSPECTION: Monday, February 11 9:00 am - 4:00 pm EST

Fluorescent Penetrant Inspection System • Impregnation Systems • Shot Blast Equipment
Heat Treat Furnaces • CNC Turning Centers • CNC Vertical Machining Centers • Robots
Trim Presses • Toolroom Equipment • Inspection Equipment • Tool Setters • Parts Washers
Deburrer • Air Compressors & Dryers • Forklifts • Manlifts • Floor Scrubbers • Office Furniture



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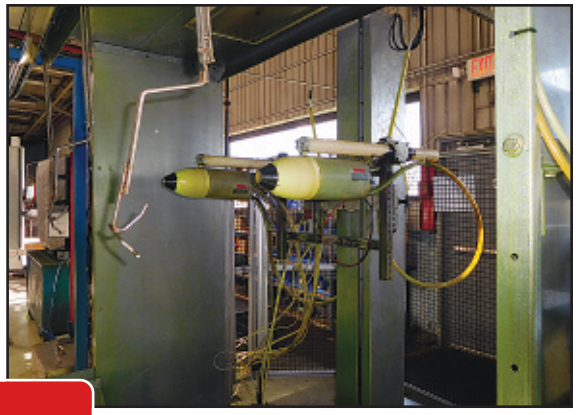


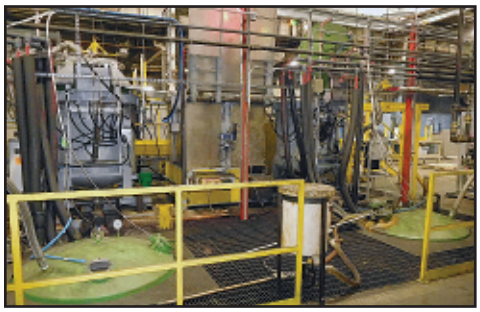
7-Station Fluorescent Penetrant Inspection System

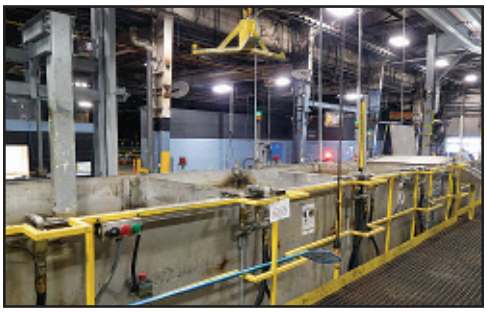
FLUORESCENT PENETRANT INSPECTION SYSTEM

Fully Automated Fluorescent Penetrant Inspection (FPI) System with (7) Stations:
Load Station, Penetrant Application, 2-Stage Rinse, Blow-Off Booth, Dryer Oven, Blacklight Inspection Booth, Unload Station; and Self Supporting Overhead Conveyor System with Hangers

LOCITE Impregnation System

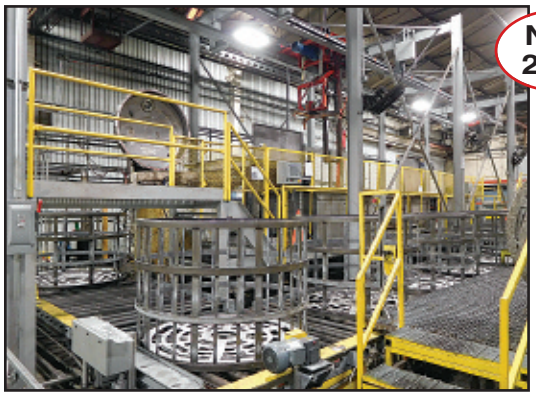
New 2017





CLEAR AUTOMATION Impregnation System

New 2016



Assorted Spare Parts

IMPREGNATION SYSTEMS

Locite Manual Vacuum Pressure Impregnation System (2017),
50" Diameter x 38-1/2" Basket, 7 to 8 Baskets per Hour, (2) Imprex 54" Diameter Vacuum Tanks, (2) Imprex Storage Vessels, (2) 6' x 6' Rinse Tanks, (2) 6' x 6' Warm Rinse Tanks, 3 Ton Overhead Crane System with (3) 1 Ton Harrington MR2 Hoists

Clear Automation Fully Automated Vacuum Pressure Impregnation System, S/N M395 (2016),
54-1/2" Diameter x 40" Basket, 8 to 9 Baskets per Hour, 60" Diameter WSF Industries Vacuum Tank,
60" Diameter WSF Industries Centrifuge, WSF Industries Storage Vessel, (2) 66" x 66" Agitator Tanks,
(2) 66" x 66" Heated Rinse & Spin Dry Tanks, Overhead Crane System, Automatic Load/Unload Conveyor

Spare Motors, Baskets & Parts for Impregnation System

ATTEND or BID ONLINE at
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SHOT BLAST EQUIPMENT

BCP 8-Wheel Shot Blast Machine Model A4-6798, S/N 1729 (1996), Mesh Belt Conveyor, 34” x 22” Opening, 20 HP
Pangborn 8-Wheel Shot Blast Machine (2006), Mesh Belt Conveyor, 40” x 45” Opening, 25 HP
Wheelabrator 4-Wheel Shot Blast Machine Model A3-52795, S/N 3482 (2007), Mesh Belt Conveyor, 25” x 13” Opening, 69.5 HP
Wheelabrator 2-Wheel Spinner Hanger Blast Cabinet, S/N 10-0450, 53” x 89” (est.), Dual Hangers, 10 HP
(4) Torit Downflo Dust Collectors in Assorted Capacities • **Shot Separator**

HEAT TREAT FURNACES

CMI Industry 53’ (est.) Roller Hearth Heat Treat Furnace System, S/N S-5739-E2, 46” x 30” Opening, 1300° Max. Temperature, Automated Roller Conveyor System
Jensen 28’ (est.) Gas Fired Feed-Thru Heat Treat Furnace System, S/N 6687 (2000), 39” x 16” Opening, Mesh Belt Conveyor, 3 Minute Purge Time
International Thermal Systems 15’ (est.) Dual-Chamber Gas Fired Drive-In Box Furnace, S/N 5163, 180” x 86” Rack Size, Automatic Vertical Lift Doors

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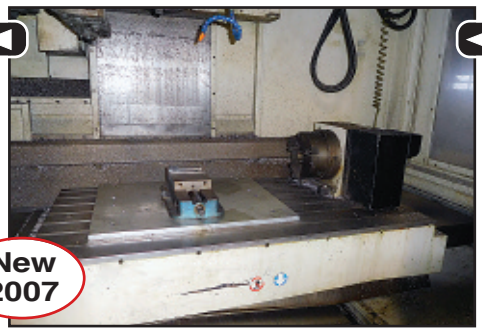
DON'T MISS THIS AUCTION
Tues. February 12 10:00 am EST



CNC TURNING CENTERS

Hurco CNC Turning Center Model TMX-8 MY, S/N TY8-01001068ACB (2014), 8" Chuck, 20" Max. Swing Over Cross Slide, 29" Distance Between Centers, 12-Position Turret, Y-Axis, Live Tooling, Sub-Spindle, Chip Conveyor, Hurco Max Controls

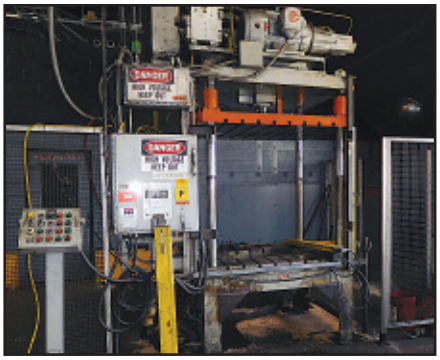
Okuma CNC Turning Center Model Captain-L370 M, S/N 112746 (2004), 10" Chuck, 22" Max. Swing, 39 - 3800 RPM Spindle Speed, 20 HP Spindle Motor, Turret Tailstock, Live Tooling, Chip Conveyor, Okuma OSP-E100L CNC Controls

CNC VERTICAL MACHINING CENTERS

Hurco CNC Vertical Machining Center Model VMX42i, S/N H-H41451 (2013), 42" x 24" x 24" X-Y-Z Travels, 50" x 24" Table, 3000 lb. Max. Table Weight, 12,000 RPM Spindle Speed, 24 HP Peak Spindle Motor, 30 Position ATC, Dual Screen Winmax CNC Controls, 4th Axis

Hurco CNC Vertical Machining Center Model VMX-50/50T, S/N H-55041 (2007), 50" x 26" x 24" X-Y-Z Travels, 59" x 26" Table, 8000 RPM Spindle Speed, 30 HP Spindle Motor, 50 Taper Tooling, 30 Position ATC, Dual Screen Ultimax Controls, with 4th Axis

Mazak 5-Axis CNC Vertical Machining Center Model Variaxis 630-5X, S/N 166907 (2003), 24.8" x 30.1" x 20.08" X-Y-Z-Travels, 150° A-Travel, 360° C-Axis Index, (2) 24.8" x 19.7" Pallets with Changer, 12,000 RPM Spindle Speed, 30 HP Motor, 120 Position ATC, Mazatrol Fusion 640M 5X Controls



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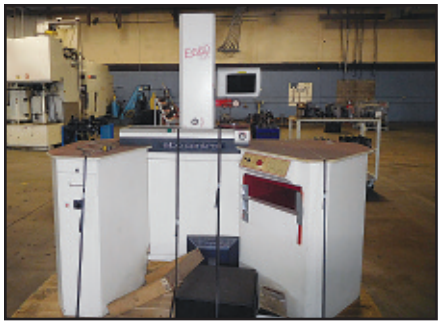


ROBOTS • TRIM PRESSES • TOOLROOM EQUIPMENT

(2) ABB Robots Model 1FK6083-6AZ21-9ZZ9- ZS01, S/Ns J110-0488-97-018, KD50-0069-14-007 (refurbished by manufacturer in 2018)
(2) Metal Mechanics 50 Ton Hydraulic Trim Presses, S/Ns 21308 (1997), 21305 (1997), 63" x 42-1/2" Bed, 26" Stroke, 26" Shut Height
Brown & Sharpe 6" x 18" Surface Grinder Model 618 Micromaster, Magnetic Chuck • **Howa Sangyo Model 1000 Engine Lathe**, S/N 10385
Lagun Republic Variable Speed Vertical Mill Model FT-2, Servo Feed, Newall Topaz Digital Readout
Jet 7" x 12" Horizontal Band Saw Model J-3410, S/N 14015477 • **Universal 2-Hole Blast Cabinet**
Ridgid Power Chuck Model 535, with Threading, Reaming, and Cut-Off Tools

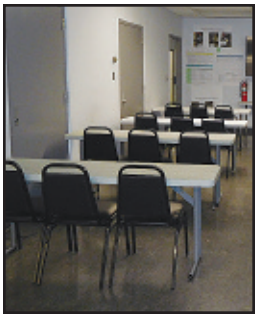
INSPECTION EQUIPMENT • TOOL SETTERS • PARTS WASHERS • DEBURRER

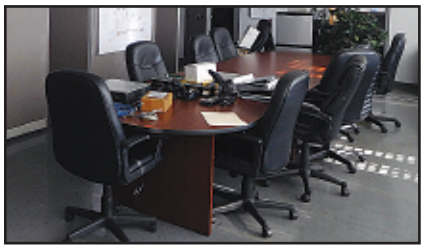
Metris LK Coordinate Measuring Machine Model Libero CMM, S/N LI/64460/07 (2007), 59" x 39" x 31-1/2" (est.) X-Y-Z Travels
Metris LK Coordinate Measuring Machine Model Ascent, S/N 05409 (2005), 32" x 28" x 24" (est.) X-Y-Z Travels
Mitutoyo Coordinate Measuring Machine Model BRT-504, S/N 0902709, 20" x 16" x 16" (est.) X-Y-Z Travels
Mitutoyo Profile Projector Model PH350 • Elbo Tool Setter Model E660 GA, S/N 1372E • **Microset Tool Setter Model EGS-2260**, S/N 76-10-151
Centri-Spray 42" x 42" Parts Washer • Better Engineering Parts Washer Model F-3000-PZY, S/N 15963 (1998)
Almco Vibratory Deburrer Model V-8, S/N 119803

New 2015

New 2012

New 2015





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AIR COMPRESSORS & DRYERS • FORKLIFTS • MANLIFTS • FLOOR SCRUBBERS

(2) Kaeser 100 HP Rotary Air Compressors Model CSD 100 Sigma, S/Ns 1115 (2015), 1023 (2012)
Kaeser Air Dryer Model SECOTEC TF 174, S/N 1052 (2015) • **Kaeser Air Dryer Model TE 141**, S/N 1465 (2012
UniCarriers 4000 lb. LP Forklift Model MAP1F2A26LV, S/N AP1F2-9U20703, Solid Tires, Overhead Guard, 187" Lift of 3-Stage Mast, Side Shift
CAT 3500 lb. LP Forklift Model C3500-LP, S/N AT81F10439, Solid Tires, Overhead Guard, 187" Lift of 3-Stage Mast
JLG 43' Rough Terrain Scissor Lift Model 4394RT, 1500 lb., Rough Terrain Tires
JLG 45' Boom Lift Model E45A, S/N 030044824, 500 lb., Solid Tires • **Genie 20' Manlift Model IWP-20S Super Series**, 350 lb. Capacity
Tennant Electric Rider Floor Scrubber Model 910, S/N 550-6463 • **Tennant Electric Rider Floor Scrubber Model 810**, S/N 810-3066

OFFICE FURNITURE • MISCELLANEOUS EQUIPMENT

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Automotive Finishing & Machining

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