

# LIVE WEBCAST **ONLINE ONLY** AUCTION

**porite**<sup>®</sup>  
Jefferson Corporation

Powder Metal Components  
Manufacturer

## Plant Closure

### SALE DATE

Tuesday, March 26, at 10 AM CT

### SALE LOCATION

1535 Fairgrounds Road  
Jefferson City, MO 65109

### INSPECTION

Monday, March 25, from 9 AM  
to 3 PM CT, or by appointment

**PRE-AUCTION  
OFFERS INVITED  
ON MAJOR ASSETS**

COMPLETE CATALOG & INFORMATION:

<https://perfection.global/porite>

**FEATURING:** (6) Sizing Presses, (7) Compacting Presses, Sintering & Tempering Furnaces, RX Gas Generators, Nitrogen Generators, Air Compressors, (10+) CNC Gang Tool Lathes, Machine Tools, Vibratory Bowls, Zeiss CMM's, Inspection & Testing Equipment, Cranes, Hoists, MRO, Switchgear & Plant Support Equipment



YOSHIZUKA PCH-500SU COMPACTING PRESS



GASBARRE SINTERITE 24E-4Z-ADS-VERSACOOOL RX BELT-TYPE FURNACE

Perfection Industrial Sales

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[www.perfectionindustrial.com](http://www.perfectionindustrial.com)

In conjunction with:



# (7) COMPACTING PRESSES, (6) SIZING PRESSES

## (7) COMPACTING PRESSES

**500 TON YOSHIZUKA PCH-500SU COMPACTING PRESS**, s/n 2529-2, (Approx. 1985), 500 Ton Pressing Capacity, 220 Ton Ejection Capacity, 7.874" Upper Ram Stroke, 5.118" Upper Ram Adjustment, 5.9" Max. Filling Depth of Powder, 1.963" Max. Pressure Stroke, 3.937" Max. Ejection Stroke, 6- 24 SPM, 37Kw Main Motor

**1999 60 TON TAMAGAWA S-60 COMPACTING PRESS**, s/n 6825, 6-24 SPM

**1981 40 TON YOSHIZUKA PCH-40SU COMPACTING PRESS**, s/n 2207, 8-32 SPM

**30 TON HYDRAMET COMPACTING PRESS**, s/n NA

**(3) 20 TON TAMAGAWA S-20 COMPACTING PRESSES**, s/n NA

## (6) SIZING PRESSES

**500 TON YOSHIZUKA SIZING PRESS**, s/n M59-850, (Year New 1985), 500 Ton Pressing Capacity, 200 Ton Ejection Capacity, 200mm Upper Ram Stroke, 10-25 SPM, 300 Ton Die Float Stop Capacity, 200 Ton Core Float Stop Capacity, 65 Ton Core Withdrawal Capacity, 150 Ton Die Withdrawal Capacity, 500 Ton Outer Punch Float Stop Capacity, 180 Ton Inner Punch Float Stop Capacity, 25mm Inner Punch Stroke, 40 Ton Inner Punch Ejection Capacity, 0-70mm Outer Punch Ejection Stroke, 150mm Maximum Product Diameter (when turntable is used), 60mm Maximum Product Height, 37KW Main Drive Motor

**200 TON CINCINNATI RIGID-RESTRIKE 200-R-2 RESTRIKE SIZING PRESS**, s/n 40073, 200 Ton Pressing Capacity, 130 Ton Ejection Capacity, 8" Ram Stroke, 2.5" Ejection Stroke, 6-25 (Adj) SPM, 2" Max. Height of Part, 25HP Main Motor, 48,000 Lb Gross Weight

**200 TON CINCINNATI RIGID-RESTRIKE 200-R-2 RESTRIKE SIZING PRESS**, s/n 35017, 200 Ton Pressing Capacity, 130 Ton Ejection Capacity, 8" Ram Stroke, 6-25 (Adj) Strokes Per Minute, 2" Max. Height of Part, 25HP Main Motor, 48,000 Lb Gross Weight

**100 TON YOSHIZUKA PCR-100Z SIZING PRESS**, s/n 2528, 100 Ton Pressing Capacity, 140mm Upper Punch Stroke, 60mm Upper Punch Adjustment, 88 Ton Lower Punch Extrusion, 75mm Extrusion Stroke, 8-32 SPM, 15kw Main Motor

**(2) 15 TON GASBARRE OBI SIZING PRESSES**, s/n NA, 50-200 SPM



YOSHIZUKA PCH-500SU COMPACTING PRESS



TAMAGAWA S-60 COMPACTING PRESS



2 AVAILABLE



40 TON



3 AVAILABLE

GASBARRE OBI SIZING PRESSES

YOSHIZUKA PCH-40SU COMPACTING PRESS

TAMAGAWA S-20 COMPACTING PRESS



YOSHIZUKA SIZING PRESS



YOSHIZUKA PCR-100Z SIZING PRESS



(2) CINCINNATI RIGID-RESTRIKE SIZING PRESSES

**PRE-AUCTION OFFERS INVITED ON MAJOR ASSETS**

# FURNACES & ENDOTHERMIC GAS GENERATORS

## FURNACES & ENDOTHERMIC GAS GENERATORS

2004 GASBARRE SINTERITE 24E-4Z-ADS-VERSACOOL RX BELT-TYPE FURNACE, s/n 041020, (4) Zones, 24" Belt, 2100° F. Max. Operating Temp, 480V/3PH/60 HZ, 400A Power Requirements

(3) TAMAGAWA 6-ZONE BELT-TYPE FURNACES, s/n NA, 12" Belt, 1800° F. Mac. Operating Temp, Setup for AX or RX, Inconel Muffle

2016 ATMOSPHERE ENGINEERING RX GAS GENERATOR, s/n ECP-1197, 150 Amps Main Fuse, 863 Full Load Amps

2004 C. I. HAYES 3000 CFH EG RX GAS GENERATOR, s/n 041021, 460V/3PH/60HZ, 100A Power Requirements, 1950° F. Max. Operating Temp

C. I. HAYES IGG GAS GENERATOR, s/n 16286, 1 KW 2.2 Amps, 60HZ

2010 CREMER DR60 PTC GENERATOR, s/n NA, 1560° F Operating Temperature

2004 GASBARRE STI-26 / SPINNER FURNACE, s/n 041022, 480V/3PH

(4) STOKES IMPREGNATION FURNACES

DESPATCH V-31TT OVEN, s/n 66092, 1,000° F. Temp, 68KW Heater, 440V/3PH/60HZ, 89 Amp

BLUE M P0M7-2063-3 BENCH TOP OVEN

ALMCO RD12-48S BELT-TYPE PARTS DRYER



GASBARRE SINTERITE 24E-4Z-ADS-VERSACOOL RX BELT-TYPE FURNACE



ATMOSPHERE ENGINEERING RX GAS GENERATOR



TAMAGAWA 6-ZONE BELT-TYPE FURNACE



C. I. HAYES 3000 CFH EG RX GAS GENERATOR



CREMER DR60 PTC GENERATOR



GASBARRE STI-26 / SPINNER FURNACE



STOKES IMPREGNATION FURNACES



DESPATCH V-31TT OVEN



ALMCO RD12-48S BELT-TYPE PARTS DRYER

# NITROGEN GENERATORS & COMPRESSORS, MACHINING CELL W/ ROBOT LOADING

## NITROGEN GENERATORS & COMPRESSORS

**2018 GARDNER DENVER GDN2-35000B12-XP0 PSA NITROGEN GENERATOR**, s/n 58306, 6,098 SCFH Capacity, 99.9% N2 Purity, 120/1/60, 2 Amps Full Load Amps, 150 PSIG Max. Inlet Pressure, 100° Fahrenheit Max. Inlet Temp., 39° Fahrenheit PDP Max. Inlet Dewpoint, #696010 Molecular Sieve CMS, 3,014 Lb Molecular Sieve Charge

**GREAT LAKES AIR GEH4-400D8-436 REGENERATIVE AIR DRYER**, s/n 60382, 400 SCFM @ 100 PSIG, 460/3/60 Unit Voltage, 7 Amps Full Load, 150 PSIG Max. Inlet Pressure, 120° F. Max. Inlet Temp., 560 Lb Desiccant Charge

**2017 GARDNER DENVER ELECTRA-SAVER 200 EAU99U 200 HP COMPRESSOR**, s/n S525872

**2012 GARDNER DENVER ELECTRA-SAVER II 100 HP COMPRESSOR**, s/n S386606

**1999 GARDNER DENVER EBE99K25 30 HP COMPRESSOR**, s/n S036857

**2017 GARDNER DENVER GSRN-1200W-436 REFRIGERATED AIR DRYER**, s/n 54648

**GARDNER DENVER RNC500A4 COMPRESSED AIR DRYER**, s/n RG0B35004A2J12081

**(2) PARKER HYPERCHILL C-200 PRECISION CHILLED WATER CHILLERS**



**GARDNER DENVER ELECTRA-SAVER 200 EAU99U 200 HP COMPRESSOR**



**GREAT LAKES AIR GEH4-400D8-436 REGENERATIVE AIR DRYER**



**GARDNER DENVER GDN2-35000B12-XP0 PSA NITROGEN GENERATOR**

## MACHINING CELL W/ ROBOT LOADING

**(4) 2020 PO LY GIM MACHINERY MINI-88 CNC LATHES**, s/n 8802715, 8802716, 8802717, 8802718, w/ MITSUBISHI E70 CNC Control, 60mm (with Chuck) 26mm (with Collet Chuck) Max. Machining Dia., 120mm Swing Over Cross Slide, 170mm Max. Cross Travel X-Axis & Z-Axis, 34mm Spindle Bore, 26mm Max. Bar Feeding Dia., 85mm Spindle Nose, 4" Hydraulic Chuck, 3 HP Spindle Motor, 100-5000 RPM Spindle Speed Range, Conveyors

**(2) NACHI LOADING ROBOTS**



**VIEW OF MACHINING CELL W/ ROBOT LOADING**



**GARDNER DENVER ELECTRA-SAVER II 100 HP COMPRESSOR**



**GARDNER DENVER GSRN-1200W-436 REFRIGERATED AIR DRYER**



**PARKER HYPERCHILL C-200 PRECISION CHILLED WATER CHILLER**

For auction inquiries, please contact Jennifer Reiner at (847) 545-6374 or [jennifer@perfectionindustrial.com](mailto:jennifer@perfectionindustrial.com)

# CNC MACHINE TOOLS, TOOL ROOM MACHINERY & EQUIPMENT

## CNC MACHINE TOOLS

**2007 PO LY GIM MINI 88 CNC GANG-TOOL LATHE**, s/n 8800289, w/ MITSUBISHI EZmotion-NC Control, 60mm (with chuck) 26mm (with collet chuck) Max. Machining Dia., 120mm Swing Over Cross Slide, 170mm Max. Cross Travel X-Axis & Z-Axis, 34mm Spindle Bore, 26mm Max. Bar Feeding Dia., 85mm Spindle Nose, 4" Hydraulic Chuck, 3 HP Spindle Motor, 100-5000 RPM Spindle Speed Range

**(2) CUBIC GT MINI CNC GANG-TOOL LATHES**, s/n 8800696, 8800698, w/ MITSUBISHI Control, 60mm Turning Dia, 120mm Swing, 110mm Machining Length, 233mm X, 170mm Z (147mm Z w/ Parts Catcher)

**(2) CUBIC GT MINI-PLUS CNC GANG-TOOL LATHES**, s/n 8801087, 8801676, w/ FANUC Oi Mate-TD Control, 60mm Turning Dia, 120mm Swing, 110mm Machining Length, 233mm X, 170mm Z (147mm Z w/ Parts Catcher)

**CUBIC GT Z2 CNC GANG TOOL LATHE**, s/n na, FANUC Oi Mate-TD Control, 60mm Turning Dia, 120mm Swing, 110mm Machining Length, 233mm X, 170mm Z (147mm Z w/ Parts Catcher)

**CUBIC GTV-42 CNC GANG-TOOL LATHE**, s/n KC11181, w/ FAGOR CNC Control, 300mm X, 165mm Z, 42mm Bar Capacity

**KINGSBURY VTC-3 TWIN CHUCK CNC VERTICAL TURNING CENTER**, s/n BT-2245, w/ FANUC 16-T Control, (2) 12' 3-Jaw Chuck, 14" Swing, 18" Distance Between Spindles, 7" X, 12" Z, 500 IPM Rapid Traverse

**OKUMA CADET MATE VERTICAL MACHINING CENTER**, s/n 0283, w/ OSP700M Control, 20" x 47.25" Table, 1500 Lb Table Capacity, CAT 40 Spindle Taper, 20-ATC, 40"X, 20"Y, 20.59"Z, 50-8000 RPM, 15 HP, Chip Conveyor



PO LY GIM MINI-88 CNC LATHE W/ NACHI ROBOT



PO LY GIM MINI 88 CNC GANG-TOOL LATHE



KINGSBURY VTC-3 TWIN CHUCK VTC



PO LY GIM MINI-88 CNC LATHE



CUBIC GT MINI CNC GANG-TOOL LATHE



CUBIC GT MINI-PLUS CNC GANG-TOOL LATHE



CUBIC GT Z2 CNC GANG TOOL LATHE

## TOOL ROOM MACHINERY & EQUIPMENT

**150 TON DAKE 45-151 4-POST UP-ACTING HYDRAULIC PRESS**, s/n 173628

**HARRISON M400 16" LATHE**

**CLAUSING COLCHESTER 15" LATHE**

**PARKER-MAJESTIC CYLINDRICAL GRINDER**, s/n 5997.1C.95

**SHIGIYA GUA-40.100 UNIVERSAL GRINDER**, s/n 360045

**SUNNEN MBB-1660 PRECISION HONE**, s/n 87484

**GRIZZLY G0761 BENCH TOP DRILL**

**CHICAGO 8' MANUAL FOLDER**

**DOALL C-916 HORIZONTAL BAND SAW**

**METAL MUNCHER MM-3 HYDRAULIC IRONWORKER**, s/n 5009-1-85, 1" Square and Rounds

**RIDGID 535 PIPE THREADER**, s/n 394202



DAKE 45-151 4-POST UP-ACTING HYDRAULIC PRESS



SUNNEN MBB-1660 PRECISION HONE



GRIZZLY G0761 BENCH TOP DRILL



HARRISON M400 16" LATHE



PARKER-MAJESTIC CYLINDRICAL GRINDER



SHIGIYA GUA-40.100 UNIVERSAL GRINDER

# VIBRATORY EQUIPMENT, INSPECTION & TESTING, PLANT SUPPORT EQUIPMENT

## VIBRATORY EQUIPMENT

2016 VIBRAHONE FCV 150 ULE-2 VIBRATORY POLISHING MACHINE, s/n 161200, w/ Shared Centralized Feed System



VIBRAHONE FCV 150 ULE-2 VIBRATORY POLISHING MACHINE

## INSPECTION & TESTING

**COMPLETE ROBOTIC INSPECTION LINE #1**, Comprised of: 2020 SHIN MEEI PT-DT01 DT OF Machining Groove Inspection System, w/ Panasonic ANPVC210 Camera, FE Monitouch Control, Powered Belt Conveyor, 7" W x 10' L, XY TECHNOLOGY SICR-1500-001 Inspection System w/ Robot Loader, Comprising 2018 NACHI MZ04 6-Axis Robot, s/n B1871198, Pendant Control, (5) Camera Inspection/Monitoring System, (2) 2018 NACHI M04 6-Axis Robots, JANOME JPU-504L Electro Press, s/n na, Pendant Control, Powered Belt Conveyor, 16" W x 10', and 2022 UNIVERSAL ROBOTS UR5e Industrial Robot, s/n 20225500680, 11 Lb. Max Payload, Pendant Control, (Cell will be Offered in Bulk and by the Individual Lot)

**COMPLETE ROBOTIC INSPECTION LINE #2**, Comprised of: ACCUVISION 6-Shoot Loader, s/n PLC Control, 2022 NACHI MZ04D 6-Axis Robot, s/n 2207001126, 4 kg Payload, Pendant Control, Powered Belt Conveyor, 24" W x 48" L, Powered Belt Conveyor, 14" W x 54" L, 2022 NACHI MZ04D 6-Axis Robot, s/n 2207001122, 4 kg Payload, Pendant Control, 2022 NACHI MZ04D 6-Axis Robot, s/n 2207001125, 4 kg Payload, Pendant Control, JANOME JPU-1004L Electro Press, s/n na, Pendant Control, Camera Inspection System w/ KEYENCE CA-DRM5X Camera, (1) Powered Belt Conveyor, 4" W x 36" L, Powered Belt Conveyor, (1) 8" W x 52" L, and (1) Powered Belt Conveyor, 19.5" W x 44" L, Inspection System, 2023 UNIVERSAL ROBOTS UR5e Industrial Robot, s/n 20235500002, 11 Lb. Max Payload, Pendant Control, (Cell will be Offered in Bulk and by the Individual Lot)

(2) 2003 & 2002 ZEISS VISTA COORDINATE MEASURING MACHINES, w/ Renishaw MH20i Probe Head, Calypso Software

75 TON WABASH 75-1515-SM 4-POST HYDRAULIC PRESS, s/n 7636

SATEC UTC 30HVL UNIVERSAL TESTING MACHINE, s/n 1007



COMPLETE ROBOTIC INSPECTION LINE #1



COMPLETE ROBOTIC INSPECTION LINE #2



ZEISS VISTA CMM

## PLANT SUPPORT EQUIPMENT

6 Ton GORBEL Free Standing Jib Crane, KONECRANES Hoists, Pallet Jacks, Hydraulic Table Carts, BISHAMON EZ Loader Pallet Carousel, Collapsible Crate Transport Trucks, Powered Belt Conveyor, MAREN 2060 Compactor, SQUARE D 3000 AMP Switchgear, AJAX High Pressure Steam Boiler, Hardened Steel, Steel Tables, Shop Carts, Hand and Power Tools, Welding Supplies, Safety Ladders, Facility Support & More



BISHAMON EZ LOADER PALLET CAROUSEL



NEW LONDON POWERED BELT CONVEYOR



GORBEL FREE STANDING JIB CRANE



WABASH 75-1515-SM 4-POST HYDRAULIC PRESS



SATEC UTC 30HVL UNIVERSAL TESTING MACHINE

# PLANT SUPPORT EQUIPMENT, MRO



MAREN 2060 COMPACTOR



SQUARE D 3000 AMP SWITCHGEAR



AJAX HIGH PRESSURE STEAM BOILER

## MRO

Huge Amount of Electrical and Mechanical MRO & Shelving



LARGE QUANTITY OF MRO & SHELVING



For auction inquiries, please contact Jennifer Reiner at (847) 545-6374 or [jennifer@perfectionindustrial.com](mailto:jennifer@perfectionindustrial.com)

Bidding Available Through  
**BidSpotter**

View our current auction schedule at [www.perfectionindustrial.com](http://www.perfectionindustrial.com)

### SALE DATE

Tuesday, March 26, at 10 AM CT

### SALE LOCATION

1535 Fairgrounds Road  
Jefferson City, MO 65109

### INSPECTION

Monday, March 25, from 9 AM  
to 3 PM CT, or by appointment

### REMOVAL

Smaller, hand-carry lots must be removed by Tuesday, April 2. All other assets must be removed no later than Friday, April 12. All removal is on an appointment only basis. Additional removal time will be permitted on a case-by-case basis for major assets, such as the presses. If you intend to bid on a major asset, please contact us to discuss. Anyone removing purchased items with a lift truck or another powered vehicle must have a certificate of insurance with a \$2M General Liability policy, and that certificate must be provided to the auctioneer for review and approval prior to the auction.

### TERMS OF SALE

An 18% Buyer's Premium will be charged on all assets purchased by buyers providing full payment is made within 48 hours following the sale. Acceptable forms of payment are cashier's check, company check (with bank letter of guarantee) or wire transfer within 48 hours of the sale close. For any Buyers failing to pay within the 48 hour stated payment period, the Buyer's Premium will be increased to 20%. All invoices paid with a credit card are subject to a 20% Buyer's Premium. Everything will be sold to the highest bidder, in accordance with the Auctioneer's customary "Terms of Sale", copies of which will be posted on the Auctioneer's website and subject to additional terms announced the day of sale. All items are sold "As is, Where is" without any warranty, express or implied.

### FURTHER INFORMATION

For auction inquiries, please contact Jennifer Reiner at (847) 545-6374 or [jennifer@perfectionindustrial.com](mailto:jennifer@perfectionindustrial.com).

To discuss your requirements for an auction, please call Perfection Industrial +1-847-545-6374