

LIVE WEBCAST

ONLINE ONLY
AUCTION



INGERSOLL RAND DOUBLE COLUMN 5-AXIS BRIDGE MILL



SURFACE COMBUSTION ALL-CASE FURNACE

Surplus to the Ongoing Operations of



WAUKESHA GAS ENGINES INC.

SALE DATE

Thursday, July 29
at 10:00 AM CT

SALE LOCATION

1101 West St. Paul Avenue,
Waukesha, Wisconsin 53188

INSPECTION

Wednesday, July 28,
By Appointment

**Pre-Auction
Offers Invited
on Major Assets**

FEATURING: 2007 INGERSOLL Double Column 5-Axis Bridge Mill, OKUMA MCM-B Double Column Bridge Mill, OKUMA & MORI-SEIKI Horizontal & Vertical Turning Centers, CNC Lathes, Large Quantity of CAT 50 & CAT 40 Tooling, WALTER Helitronic Grinder, Cylindrical Grinders, HMT 5" Tube Bender, Pines Benders, Large Selection of Tube Bending Tooling, Vertical & Horizontal Band Saws, Tool Room Grinders, VIDMAR Cabinets, Forklifts, Material Handling, Inspection Equipment, Plant Support, & More

COMPLETE CATALOG & INFORMATION:

<https://perfection.global/inniowaukesha>



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www.perfectionindustrial.com

Perfection Global, LLC, WI Firm Lic. #497-53 and
Joseph Lundvick, WI Auctioneer Lic. #2955-52

Sale is Being Held in Conjunction With:



Bidding Available Through

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www.prestigeequipment.com

CNC BRIDGE MILLS & BORING MILL

CNC BRIDGE MILLS & BORING MILL

2007 INGERSOLL RAND DOUBLE COLUMN 5-AXIS BRIDGE MILL, s/n 2N00023-1, w/SIEMENS 840D Control, (2) 98.43" x 196.85" Pallets, 44,000 Lb Pallet Capacity, Travels: 393.7"-X, 217.1"-Y, 59"-Z, Feedrates IPM: X-1,181, Y-1,575, Z-393.7, 4-Position Spindle Unit Transporter, Spindle #4: Orthogonal Twist Head, HSK160A Taper, 140 HP, 332–2,700 RPM, Spindle #2: Special Right Angle Head, HSK 100A Taper, 31 HP, 146–1,000 RPM, Spindle #6: Standard Right Angle Head, HSK100A Taper, 53 HP, 400–2,000 RPM, Spindle #3: Special Swivel Head, HSK63A Taper, 16 HP, 800 RPM, 291-ATC w/KUKU KR210 2000 Tool Robot, Hydraulic Power Unit, Chiller, Lubrication Service Panel, Chip Conveyor

OKUMA MCM-20B BRIDGE MILL, s/n 0906-0050, w/OSP-U100L Control, 157"-X, 106"-Y, 31.50"-Z, 27.56"-W, 0–48" Distance from Spindle to Table Surface, (2) 59" x 149" Tables, 35,200 Max. Table Load, 50 Taper, 2-Step, 10–3,000 RPM, 120-ATC, Feedrates IPM: X/Y-590.55, Z-393.7

6" GIDDINGS & LEWIS HORIZONTAL BORING MILL, s/n 455-53-80, w/NUMERIPATH 800N Control, 20' x 5' Main Table w/Rotary Positioner, 6' x 5' Table w/4' x 6' Rotary Table



OKUMA MCM-20B BRIDGE MILL



OKUMA MX-45VAE TWIN PALLET VERTICAL MACHINING CENTER



HITACHI SEIKI VK65 VERTICAL MACHINING CENTER



OKUMA LU300-V8CAM TURNING CENTER



HAAS TM-1 CNC TOOL ROOM MILL

View our current auction schedule at www.perfectionindustrial.com

(5) TURNING CENTERS, (5) VERTICAL MACHINING CENTERS

(5) TURNING CENTERS

2004 OKUMA LU300-V8CAM TURNING CENTER, s/n 111793, w/OSP-E100L Control, 8-Position Upper Turret, 8-Position Lower Turret

MORI SEIKI SL-35B TURNING CENTER, s/n 1629, w/MSC-516 Control, SMW KNC S 400-120 15" 3-Jaw Chuck, 10-Position Turret

MORI SEIKI SL-300B/700 TURNING CENTER, s/n 372, w/MSC-501 Control, SMW Autoblok KNCS-N-400-128 15" 3-Jaw Chuck

TAKISAWA TPS-4000 TURNING CENTER, s/n TKWN201, w/FANUC Series 16-T Control, 12-Position Turret, 4,000 RPM

OKUMA LC40-1SC TURNING CENTER, s/n 0974, w/2OSP5000L-G Control, 21" Turning Dia., 39" Centers, 10-2,500 RPM, 12-Station Turret

(5) VERTICAL MACHINING CENTERS

2011 OKUMA GENOS M460-VE VERTICAL MACHINING CENTER, s/n 156524, w/OSP-P200M Control, 18" x 39.3" Table, Travels: X-30", Y-18", Z-18", CAT 40, 32-ATC

OKUMA MX-45VAE TWIN PALLET VERTICAL MACHINING CENTER, s/n 0635, w/OSP-700L Control, (2) 19" x 39.5" Tables, Travels: X-30", Y-18.8", Z-17.72", CAT 40, 20-ATC, 7,000 RPM

OKUMA MX-45VAE VERTICAL MACHINING CENTER, s/n 0238, w/OSP700M Control, 18" x 39" Table, 20-ATC, CAT 40

HITACHI SEIKI VK65 VERTICAL MACHINING CENTER, s/n VK65157, w/SEICO Mill Control, 26.5" x 63" Table, CAT 50, 30-ATC

2007 HAAS TM-1 CNC TOOL ROOM MILL, s/n 1061042, HAAS Control, 10.5" x 47.75" Table, Travels: X-30", Y-12", Z-16", CAT 40



MORI SEIKI SL-35B TURNING CENTER



TAKISAWA TPS-4000 TURNING CENTER



6" GIDDINGS & LEWIS HORIZONTAL BORING MILL



MORI SEIKI SL-300B/700 TURNING CENTER



OKUMA GENOS M460-VE VERTICAL MACHINING CENTER

(7) HORIZONTAL MACHINING CENTERS



6 - PALLET POOL

MORI SEIKI MH-63
HORIZONTAL
MACHINING CENTER

MORI SEIKI MH-63
HORIZONTAL
MACHINING CENTER



3 AVAILABLE



2 AVAILABLE

OKUMA MX-50HB HORIZONTAL MACHINING CENTER



ELB MICRO CUT B12 CNC SURFACE GRINDER



ELDORADO MEGA M75-1013 GUN DRILL



NORTON CYLINDRICAL GRINDER

10" X 60"



CINCINNATI MILACRON 480 AH CNC STEP GRINDER

Complete Catalog & Information Available at
<https://perfection.global/inniowaukesha>

GUN DRILL & GRINDERS, LATHES & MILLS

(7) HORIZONTAL MACHINING CENTERS

MORI SEIKI MH-63 Horizontal Machining Center, s/n 760, w/ MSC-501 Control, (6) Pallet Pool, (4) 24.5" x 24.5" Pallets, CAT 50, 60-ATC

(3) MORI SEIKI MH-63 Horizontal Machining Centers, s/n 756, 717, NA, w/ MSC-516 Control, (2) 24.5" x 24.5" Pallets, CAT 50, 60-ATC

(2) OKUMA MX-50HB Horizontal Machining Centers, s/n 0280, 0236, w/ OSP-U100L Control, (2) 19.6" x 19.6" Tables, CAT 50, 50-ATC

MITSUBISHI M-H60E Horizontal Machining Center, s/n CH3592, w/ 520M Control, (2) 24.5" x 24.5" Pallets, CAT 50, 80-ATC

GUN DRILL & GRINDERS

ELDORADO MEGA M75-1013 GUN DRILL, s/n 1108, w/ 950-3,450 RPM

WALTER HELITRONIC POWER CNC TOOL AND CUTTER GRINDER, s/n 6930, w/ HMC 500 Control

ELB MICRO CUT B12 CNC SURFACE GRINDER, s/n 441990406, w/ SCHLEICHER Control, 19.75" x 63" Table, OBERLIN Filter System

CINCINNATI MILACRON 480 AH 2-AXIS CENTER-TYPE CNC STEP GRINDER, s/n 3548D0185-0001, w/ 10" x 60" Capacity, ACRAMATIC 700G Control w/ Control Gaging 760 Monitor

NORTON CYLINDRICAL GRINDER, s/n NA, w/ 20" Dia. x 3.5" Wheel, 10" x 60" Capacity, SONY LH51 DRO

MOEHRLE DRILLING AND FACING MACHINE, s/n NA, Approx. 84" Centers, Dual 2 HP Drilling Heads, Dual 10 HP Facing Heads, w/ SONY LH52 DRO

ALSO: CINCINNATI MONOSET CUTTER AND TOOL GRINDER, s/n 3152A0178-0005; **(2) CINCINNATI MILACRON CUTTER GRINDERS**; **G&L WINSLOMATIC HR DRILL GRINDER**, s/n 947-00071-85; **HYBCO 100 TAP GRINDER**, s/n 7741; **EX-CELL-O CARBOLOY DIAMOND WHEEL GRINDER**; **HEALD NO. 47A BOREMATIC TOOL SHARPENER**, s/n 5994

LATHES & MILLS

MONARCH 22CM 24.5" X 120" ENGINE LATHE, s/n 21142, w/ SONY LH52 DRO

MONARCH 222CM 24.5" X 96" ENGINE LATHE, s/n 24883

VOEST DA 250 20" X 60" ENGINE LATHE, s/n NA

MONARCH 18.5" X 54" ENGINE LATHE, s/n 40798, w/ SONY MAGNESCALE LH10 DRO

AMERICAN STYLE C 16" X 54" ENGINE LATHE, s/n 78718

SUMMIT 14" X 40" TOOL ROOM LATHE, s/n 0181005, w/ SONY MAGNESCALE LH12 DRO

JONES & LAMSON NO. 5 TURRET LATHE, s/n 5695-10U

SUPERMAX YCM-2VASK 5 HP MILLING MACHINE, s/n 401030, w/ 12.5" x 58" Table, RSF ELEKTRONIK DRO

BRIDGEPORT MILLING MACHINE, s/n 26996, w/ 9" x 36" Power Feed Table, HEIDENHAIN Pos-E-Touch II DRO

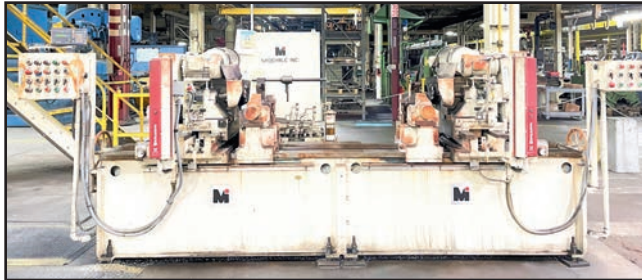
CINCINNATI NO. 3 DIAL TYPE MILLING MACHINE, s/n 4A3V5D-49

KEARNEY & TRECKER TF-17 MILL, s/n 5679138, 100-1,600 RPM, w/ 16" x 80" Table, SONY LH51 DRO

KEARNEY & TRECKER 415 S-15 HORIZONTAL MILL, s/n 53-1005-35, w/ 15" x 76" Table



WALTER HELITRONIC POWER CNC
TOOL AND CUTTER GRINDER



MOEHRLE DRILLING AND FACING MACHINE



VIEW OF TOOL AND CUTTER GRINDERS



KEARNEY & TRECKER TF-17 MILL



SUPERMAX YCM-2VASK 5 HP
MILLING MACHINE



BRIDGEPORT
MILLING MACHINE



MONARCH 22CM ENGINE LATHE



VOEST DA 250 20" X 60" ENGINE LATHE



AMERICAN STYLE C 16" X 54"
ENGINE LATHE

HEAT TREAT, LASER



SURFACE COMBUSTION UNI-DRAW FURNACE



J.L. BECKER BOX FURNACE



LEEDS & NORTHRUP HOMO NITRIDING FURNACE LINE



GRIEVE B3-650 60 KW ELECTRIC OVEN



CAN-ENG QUENCH LINE



SURFACE COMBUSTION GAS FIRED HEATED DUNK WASHER

HEAT TREAT

SURFACE COMBUSTION ALL-CASE FURNACE, s/n BC-43643-01, w/1,400–1,800 Deg. F Temp., 3175 CFH Max. Fuel Demand, 1,000 BTU/Cu. Ft. Fuel BTU Per Unit, 2–5 PSI Fuel Pressure

SURFACE COMBUSTION GAS FIRED HEATED DUNK WASHER, s/n BC-43645-01, w/160–180 Deg. F Temp., 300 CFH Max. Fuel Demand, 1,000 Fuel BTU Per Unit, 2–5 PSI Fuel Pressure

SURFACE COMBUSTION UNI-DRAW FURNACE, s/n 3G-43644-01, w/300–1,400 Deg. F Temp., 500 SCFH Max. Fuel Demand

J.L. BECKER BOX FURNACE, s/n J2178-98, w/Natural Gas, 2.5M BTU/Hr., 80 PSI, 96" x 44" x 60" Load Capacity, 1,400 Deg. F Temp.

LEEDS & NORTHRUP HOMO NITRIDING FURNACE LINE, 9578-UB-48-10-S Furnace, s/n 17374118, w/1200 Deg. F Max. Temp., 48 kW Heater, 09578-UB-481 Furnace, s/n 74-48740-1-1, 1,200 Deg. Max. Temp., 48 kW

INDUCTOHEAT BSP5-300-3/10 300 KW INDUCTION HEATER, s/n K4972

CINCINNATI INDUCTRON INDUCTION HEATER, s/n 63-300-U-472-1

DESPATCH RS-1 7 KW OVEN, s/n 74668, w/500 Deg. F Max. Temp.

GRIEVE B3-650 60 KW ELECTRIC OVEN, s/n 411086, w/650 Deg. F Max. Temp., 100"D x 60"W x 72"H

CAN-ENG QUENCH LINE, s/n 100212, w/1218-A Toolmaster Furnace and 200 Gallon Quench Tank



INDUCTOHEAT BSP5-300-3/10 300 KW INDUCTION HEATER

LASER

MAZAK SUPER TURBO X510 HI-PRO SUPERCHARGED, 2,000 Watt Laser, s/n 125467, w/MAZAK L PLUS Control, 120" x 60" x .75" Max. Workpiece, YB-L200B 7M Co2 Laser



MAZAK SUPER TURBO X510 LASER

TUBE BENDERS, MISCELLANEOUS MACHINERY



(1 OF 2) TELEDYNE PINES #1 TUBE BENDERS



(1 OF 2) TELEDYNE PINES #1 TUBE BENDERS



MARVEL 81A11PC VERTICAL BANDSAW



ROYSON VIBRATORY TUMBLER

TUBE BENDERS

HMT CNC130TBRE-RBE TUBE BENDER, s/n 140902 816, w/BEND PRO G2 Control

EATON LEONARD EL400HD TUBE BENDER, s/n EL400HD L011IPC1295

(2) TELEDYNE PINES #1 TUBE BENDERS, s/n 11035-75214, 11035-69058, w/DIAL-A-BEND Control

PINES NO. 107 TUBE BENDER, s/n 10700-95078, w/DIAL-A-BEND Control

CONRAC 401LH TUBE BENDER, s/n 84230-21

MISCELLANEOUS MACHINERY

MARVEL 81A11PC VERTICAL BANDSAW, s/n E-476111PC; MARVEL 8-MARK-II VERTICAL BANDSAW, s/n 830276; SCOTCHMAN VC-20 VERTICAL BANDSAW, s/n 555-05050025; METALMIZER MS2018 VERTICAL BANDSAW, s/n MS0192226; COLONIAL HAS 15-72 HORIZONTAL BROACH, s/n M-11439; CINCINNATI BICKFORD SUPER SERVICE 4' X 11" RADIAL ARM DRILL, s/n 1800; (2) AMERICAN HOLE WIZARD 4' X 11" RADIAL ARM DRILLS, s/n 77780, NA; AMERICAN HOLE WIZARD 3' X 11" RADIAL ARM DRILL, s/n NA; (2) AMERICAN HOLE WIZARD 3' X 9" RADIAL ARM DRILLS, s/n NA; (2) NEWEN CONTOUR C6 VALVE SEAT AND GUIDE MACHINES W/AXIOMTEK CONTROLS; (3) FOOTE-BURT/HAMMOND CLEVELAND DRILL PRESSES, s/n 2547-64, 2096-49, 2380-55; ALLEN 6-SPINDLE GANG DRILL; CLAUSING 1687 3-HEAD GANG DRILL; CLAUSING 2285 2-HEAD GANG DRILL, s/n 525874/5; CLAUSING 1687 DRILL PRESS, s/n 128231; KIRA KRTG-540 DRILL PRESS, s/n 53403, w/Tapping Head; US ELECTRIC 500 PEDESTAL GRINDER, s/n 283763; US ELECTRIC 10" UTILITY GRINDER, s/n 534122; EISELE VMS 350 PV COLD SAW, s/n 02008; DAYTON 2PA29A COMBINATION 6" BELT/9" DISC SANDER, s/n 20076; OLIVER 600 HEAVY DUTY DRILL GRINDER, s/n G8076; CINCINNATI MILACRON 2MT CUTTER AND TOOL GRINDER, s/n 7703A01-90-0120; LSMW ACCU-TAPPER; CUSTOM HEATED WASH TANK, w/24" x 96" Tank, Square D Control; ROYSON VIBRATORY TUMBLER, s/n NA; SUNNEN MBB-1670EJIC HONE, s/n 70097



HMT CNC130TBRE-RBE TUBE BENDER



EATON LEONARD EL400HD TUBE BENDER

INSPECTION & METROLOGY



15-TON

COLONIAL HAS 15-72 HORIZONTAL BROACH

INSPECTION & METROLOGY

M & M PRECISION SYSTEMS 3000 QC GEAR ANALYZER, s/n 5951

(2) 2008-06 BROWN & SHARPE GLOBAL ADVANTAGE 9-12-8 CMM, s/n 1108-6128, 1206-6126

DELTRONIC DH214 OPTICAL COMPARATOR, s/n 239093344, w/MPC-5 DRO

GAGE MASTER 89 GM4 OPTICAL COMPARATOR, s/n G34231085, w/ HEIDENHAIN DRO

LECO VP-160 VARIABLE SPEED METALLOGRAPHIC SAMPLE GRINDER, w/AP-60 Auto-Polishing Head, s/n 34584

LECO PR-25 MOUNTING PRESS, s/n 3166

ALSO: LARGE ASSORTMENT OF GRANITE SURFACE PLATES, CALIPERS, HEIGHT GAGES, HARDNESS TESTER, MICROMETERS, SNAP GAGES, RING GAGES, THREAD GAGES, AND MORE



METALMIZER MS2018 VERTICAL BANDSAW



2006

BROWN & SHARPE GLOBAL ADVANTAGE 9-12-8 CMM



M & M PRECISION SYSTEMS 3000 QC GEAR ANALYZER



4' CINCINNATI
BICKFORD
RADIAL ARM DRILL



4' AMERICAN
RADIAL ARM DRILL



VIEW OF INSPECTION EQUIPMENT



SUNNEN
MBB-1670EJ HONE



CLAUSING 1687
3-HEAD GANG DRILL



LECO
EQUIPMENT



VIEW OF INSPECTION EQUIPMENT

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FACTORY SUPPORT EQUIPMENT



VIEW OF PEDESTAL GRINDERS



AIR FLOAT SYSTEMS



WALKIE TYPE FORKLIFTS



HIGHLIFT PALLET JACKS



LISTA CABINETS



WORK BENCHES



FLAMMABLE LIQUID STORAGE CABINETS

FACTORY SUPPORT EQUIPMENT

PEDESTAL GRINDERS, SANDERS, ARBOR PRESSES, DRILL PRESSES, PNEUMATIC TOOLS, BENCH VISES, MACHINES VISES, GRINDING VISES, CAT 40 TOOLING, CAT 50 TOOLING, PERISHABLE TOOLING, HAIRER SHRINK-FIT MACHINE, PIPE BENDER TOOLING, STANLEY VIDMAR AND LISTA TOOL CABINETS, TORIT DUST COLLECTORS, SELF-DUMPING HOPPERS, WORK BENCHES, LOCKERS, OVER (50) BRIDGE CRANE SYSTEMS, NEW SHAW-BOX HOISTS, AIR FLOAT SYSTEMS UP TO 13,000 LB CAPACITY, HUGE SELECTION OF PALLET JACK, ELECTRIC PALLET JACKS AND WALKIE-STACKERS FROM HYSTER, CROWN, CLARK



TORIT DUST COLLECTORS



HAIRER SHRINK-FIT MACHINE



VIEW OF SHAW-BOX HOISTS



PALLET RACKING



VIEW OF TOOL HOLDERS

Pre-Auction Offers Invited on Major Assets



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2007
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DOUBLE COLUMN
5-AXIS BRIDGE MILL**

LIVE WEBCAST **ONLINE ONLY** AUCTION

REMOVAL

All items must be removed no later than Friday, August 13. All removal is strictly on an appointment only basis. All buyers must use a qualified OSHA certified company or rigger. OSHA certification must be submitted to Perfection for approval prior to any work being done. Perfection may require additional documents in order to approve any party wanting to remove assets with a forklift or powered vehicle. They must have a certificate of insurance with a \$2M General Liability policy, the policy must include a Worker's Compensation rider, and that certificate of insurance 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.

FOR MORE INFORMATION

Please contact Jennifer Reiner at +1-847-545-6374 or jennifer@perfectionindustrial.com.

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Ongoing
Operations of



WAUKESHA GAS ENGINES INC.

SALE DATE Thursday, July 29 at 10:00 AM CT

SALE LOCATION

1101 West St. Paul Avenue,
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INSPECTION Wed., July 28, By Appointment

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