



**PERFECTION
Industrial Sales**

ONLINE AUCTION

STEEL MILL RELATED MACHINERY & EQUIPMENT – DUE TO THE CLOSURE OF A MAJOR STEEL FACILITY

**INCLUDING: LAB & BOF LAB EQUIPMENT, ROLL GRINDING, PUMPS & VALVES, LIFTING
EQUIPMENT, AIR & GAS COMPRESSORS, DRYERS & BLOWERS, BRIDGE CRANES, COILER
SPARE PARTS, FILTRATION SYSTEM, TOOLROOM & CNC MACHINERY, 56" MILL COMPONENTS**



CINCINNATI SK-7728 36 X 192 TRAVELING HEAD ROLL GRINDER (56 MILL)



2006

INSTRON 5584 COMPRESSIVE
STRENGTH TENSILE TESTER



2011

YARDNEY RCW4824-4AS COOLING TOWER SAND MEDIA FILTER



40 TON WINKLE SLAB TONGS

Sale Closing Date: Thursday, May 29 at 1:00 P.M. CDT

Location: 999 Pine Avenue SE, Warren, Ohio 44483

Inspection: Wednesday, May 28, From 9:00 A.M. to 4:00 P.M.

Online Bidding at

www.perfectionindustrial.com



**PERFECTION
Industrial Sales**

Perfection Industrial Sales
ph 847-427-3333 • fax 847-427-8884
www.perfectionindustrial.com

Sale is Being Held in Conjunction With:

 **Hilco**
Industrial

www.hilcoind.com • ph 877.37.hilco

D&H
D&H Machinery

www.dnhmachinery.com • ph 419-841-3586

LAB EQUIPMENT, BOF LAB EQUIPMENT



LECO OLYMPLUS PMG3 ELECTRON MICROSCOPE



STRUERS TEGRA FORCE-5 METALLURGICAL GRINDING SYSTEM



STRUERS TYPE D5486154 AXITOM SAW



< WILSON/ROCKWELL 95-I SERIES HARDNESS TESTER

STRUERS ROTOPOL-31 METALLURGICAL POLISHER >



Sale Closing Date:
Thursday, May 29
at 1:00 P.M. CDT



STRUERS LABOPRESS-3 MOUNTING PRESSES



(1 OF 2) MINCO HOT PUNCHES

Inspection:
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BUHLER DUAL 12" POLISHING STATION



LAUER PCS 095 TOPLINE MINI CONTROL



KELLY TUBE SYSTEM



PHILIPS PW 2400 X-RAY SPECTROMETER



SIRCAL RARE GAS PURIFIER



SPECTRA LAVWAM8B SPARKER



KELLY TUBE SYSTEM

To discuss your requirements for an auction, please call Perfection Industrial **847.427.3333**

LAB EQUIPMENT, BOF LAB EQUIPMENT, ROLL GRINDING, PUMPS & VALVES



LECO CORPORATION 782-400-400
NITROGEN/OXYGEN DETERMINATOR



LECO CORPORATION CS-444
CARBON/SULFUR DETERMINATOR



LECO CORPORATION EF-500
ELECTRIC FURNACE



LECO CORPORATION
HF400 FURNACE

LAB EQUIPMENT

56" MILL METALLURGICAL LAB
EQUIPMENT

INSTRON 5584 COMPRESSIVE STRENGTH
TENSILE TESTER, System ID 5584Q4597,
(2006)

STRUERS AXITOM SAW, S/N 5480050,
Type D5486154

LEITZ METALUX 3 020-437.039 ELECTRON
MICROSCOPE, S/N 562266/068794

LECO OLYMPUS PMG3 ELECTRON
MICROSCOPE

TUKON TESTER MD801 MICROSCOPE

WILSON/ROCKWELL 8599-I SERIES 500
HARDNESS TESTER, S/N 97808406

STRUERS TEGRA FORCE-5 (S/N 5591837)/
TEGRA POL-31 (S/N 5550893) TEGRA
DOSER-5 (S/N 5601187) METALLURGICAL
GRINDING SYSTEM, (2008) CE Marked

STRUERS ROTOPOL-31 METALLURGICAL
POLISHER, S/N 4920506, w/ Rotoforce-4
S/N 5250871, (1997)

(3) STRUERS LABOPRESS-3
MOUNTING PRESSES

STRUERS ROTOCOM MULTIDOSER,
S/N 4600175

STRUERS UNIFORME LEVELING DEVICE,
S/N 4881026, (1997)

BUEHLER DUAL 12" POLISHING STATION,
S/N 227-PMT-1439

BRANSON 5510 ULTRASONIC CLEANER,
S/N RNB010699098E



LAB GLASSWARE

BOF LAB EQUIPMENT

PHILIPS PW 2400 X-RAY SPECTROMETER, S/N DY737,
(1994)

ARL 3460 METALS ANALYZER, S/N 854R

KELLY TUBE SYSTEM SAMPLER HANDLER ROBOT,
w/Lauer PCS 095 Topline Mini Control w/Spectro
LAVWAM8B Sparker, S/N 10439, (1998)

LECO CORPORATION 782-400-400 NITROGEN/
OXYGEN DETERMINATOR, S/N 3086

(2) LECO CORPORATION CS-444 (787-300) CARBON/
SULFUR DETERMINATORS, S/N 3078, 3634

LECO CORPORATION 777-900 FURNACE, S/N 3644

LECO CORPORATION EF-500 (777-800-200) ELECTRIC
FURNACE, S/N 3021

LECO CORPORATION 639-300 TF-10 TUBE FURNACE
AND CONTROLLER, S/N 3011

LECO CORPORATION HF400 (777-900) FURNACE,
S/N 3081

LASH WORK ENVIRONMENTS BIOSAFETY CABINET,
w/Alnor Airgard 200 Lab Fume Hood Monitor

(2) MINCO HOT PUNCH MACHINES

LECO GR-20 12" POLISHING TABLE

SIEBTECHNIK 6" POLISHING TABLE

SWISHER MARK V SURFACE GRINDER, w/6" x 12"
Magnetic Chuck

50 TON ACCO HELOCROID GAGE

FISHER JUNIOR ISOTEMP OVEN

(2) SIRCAL RARE GAS PURIFIERS, S/N 581612, 591738

THERMOLYNE 1550 FURNACE

2 HP ROCK GRANULATOR



MESTA ROLL GRINDER

ROLL GRINDING

CINCINNATI SK-7729 60" X 288" TRAVELING HEAD
ROLL GRINDER, Maximum Swing 62", Minimum Work
Dia. 6", Cross Feed 28", Headstock Speed 6-32 RPM,
Motor 30 HP 300/1,200 RPM, Carriage 1.5 HP 28/2,300
RPM, Power Traverse 1-100 IPM, Wheelhead Motor 40 HP
600/1,800 RPM, Speed 690-1,240 RPM, Grinding Wheel
36" x 4" x 20"

CINCINNATI SK-7728 36" X 192" TRAVELING HEAD
ROLL GRINDER, Maximum Swing 38", Minimum Work
Dia. 0", Cross Feed 20", Headstock Speed 9-48 RPM,
Motor 30 HP 300/1,200 RPM, Carriage 1.5 HP 28/2,300
RPM, Power Traverse 1-100 IPM, Wheelhead Motor 30 HP
600/1800 RPM, Speed 690-1,240 RPM, Grinding wheel
36" x 4" x 20"

MESTA ROLL GRINDER



VIEW OF PUMPS AND VALVES



VALVES, INC. 45" VALVE

PUMPS & VALVES, LIFTING EQUIP., AIR COMPRESSORS, DRIERS & BLOWERS, GAS COMPRESSORS



30 TON HEPPENSTALL EYE-TO-THE-SKY COIL LIFTER



VIEW OF ROLL TONGS



40 TON UNIFAB SLAB TONGS



ANVER SLC-50 CLAM SHELL ATTACHMENT



25 TON HEPPENSTALL EYE-TO-THE-SKY COIL LIFTER



25 TON MAZZELLA C-HOOK



100 HP GARDNER DENVER EAP99J AIR COMPRESSOR



40 HP INGERSOLL RAND UP6-40-125

PUMPS & VALVES

- (3) 8" FAIRBANKS SHUT OFF VALVES, 125 S, 200 WOG
- (3) VALVES, INC. 36" VALVES, 125 PSI SWP, 150 WOG
- (2) S.P. KINNEY ENGINEERS, INC. 36" VALVES
- (2) 10" CRANE VALVES, 125 S, 200 WOG
- (2) 12" AND 16" CHECK VALVES, (2007), 150 PSI
- WELDBEND 16-150 16" VALVE
- VALVES, INC. 16" VALVE, S/N 26096, CS Body, SS Stem, HF Disc, SS Stem
- VALVES, INC. 15" VALVE, CR 13, Stem/Disc/Body WCB
- VALVES, INC. 8" VALVE, 125 S, 200 WOG
- (2) VALVES, INC. 45" VALVE, S/N 212032, ST Body
- FAIRBANKS 100S 16" SHUT OFF VALVE, (2012), 125 PSI
- PEERLESS 6-AF-15 PUMP, S/N 135875, 1,500 GPM, 1,750 RPM
- PATTERSON MAA PUMP, 6,300 GPM, 1,750 RPM, 250 Head

LIFTING EQUIPMENT

- 225 TON ALLIANCE HOT METAL CRANE SPREADER BEAM
- 30 TON HEPPENSTALL EYE-TO-THE-SKY COIL LIFTER
- 25 TON HEPPENSTALL EYE-TO-THE-SKY COIL LIFTER
- (3) 25 TON C-HOOKS
- 60 TON HEPPENSTALL SLAB TONGS
- 50 TON SES SLAB TONGS
- 40 TON UNIFAB SLAB TONGS
- 40 TON WINKLE SLAB TONGS
- 25 TON HEPPENSTALL SLAB TONGS
- (3) 15 TON ROLL TONGS
- CASTER 60, 40 AND 35 TON LIFTING RIGS
- (2) CASTER TRANSFER CARS
- ANVIL SLC-50 CLAM SHELL ATTACHMENT, S/N SL-1870, 1/2 Cu. Yd. Capacity

AIR COMPRESSORS, DRIERS & BLOWERS

- (3) 719 HP INGERSOLL RAND SSR-3000 ROTARY SCREW AIR COMPRESSORS, 1,000 CFM, Rated @ 100 PSIG, 103 Max. PSIG
- (2) 100 HP INGERSOLL RAND SSR-EP100 SCREW TYPE AIR COMPRESSOR, S/N F0635U90, 175 CFM Capacity, 100 PSIG Rated Operating Pressure, 110 PSIG Max. Modulate Pressure, 230/460V, 3 Phase, 60 Hertz, Equipped w/Ingersoll Rand Air Dryer Package
- 100 HP GARDNER DENVER EA999J AIR COMPRESSOR, S/N S277826
- 40 HP INGERSOLL RAND UP6-40-125, S/N PG3083U06346, 125 PSIG Max. Pressure, 3,733 RPM Pump Speed, 185 Max. CFM
- 15 HP INGERSOLL RAND UP6-15C-125 ROTARY SCREW TYPE AIR COMPRESSOR, S/N UQ3096U10264

- 15 HP INGERSOLL RAND DUAL PISTON AIR COMPRESSOR, w/Baldor 15 HP Electric Motor, 5 PSIG, Mounted on Horizontal Air Tank

- INGERSOLL RAND D299IM DRYER, S/N 11DME082006, (2011), 41-122 Degree F Operating Temperature, 58-188 PSIG Operating Pressure, 12.6 Gallon Volume

- HANKINSON DH-45 AIR DRYER, S/N 3331-2-9708-28D, 45 SCFM, 100 PSIG, 60/150 Min./Max. Air Pressure

- GARDNER DENVER AIR DRYER, w/(2) Receiver Tanks, MAWP 285 PSI at 450 Degrees F, MDMT -20 Degrees F at 285 PSI

- (2) 500 HP TECO WESTINGHOUSE BCN-SW BLOWERS, S/N 07-227335-1-1, Size 660, 8 ARR

Online Bidding at
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INGERSOLL RAND UP6-15C-125 ROTARY SCREW TYPE AIR COMPRESSOR



500 HP TECO WESTINGHOUSE BCN-SW BLOWER



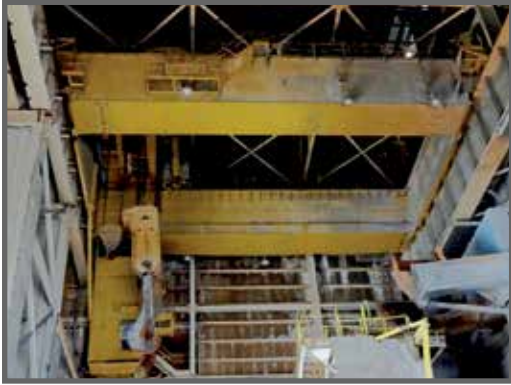
(1 OF 3) GARDNER DENVER NASH CL 2001 SS GAS COMPRESSORS

GAS COMPRESSORS

- (3) GARDNER DENVER NASH CL 2001 SS GAS COMPRESSORS, (2005-2010)

To discuss your requirements for an auction, please call Perfection Industrial 847.427.3333

BRIDGE CRANES, COILER SPARE PARTS, FILTRATION SYSTEM, TOOL ROOM & CNC MACHINERY



265 TON MORGAN 265/50 AUXILIARY 67' SPAN BRIDGE CRANE



125 TON MORGAN BRIDGE CRANE



DOALL VERTICAL BANDSAW



20 TON ALLIANCE BRIDGE CRANE



PUMP ROOM: (4) 100 HP WORLDWIDE ELECTRIC MOTORS; (4) PARKER DENISON P11V 2R5C 102A HYDRAULIC PUMPS AND TANKS



CASTER 60" GEGA DUAL HEAD TORCH CUT OFF

BRIDGE CRANES

- 265 TON MORGAN 265/50 AUXILIARY BRIDGE CRANE, 67' Span
- 225 TON ALLIANCE CRANE CO BRIDGE CRANE (BOF BOT-1) (Rebuilt 2008), 60' Span 250 Ton Main Hoist, 50 Ton Auxiliary Hoist, 15 Ton Auxiliary Hoist
- 125 TON MORGAN BRIDGE CRANE (CASTER TUNDISH BUILDING TC-1), 125 Ton Main Hoist, 25 Ton Auxiliary Hoist, 70' Span, 42' Lift
- 125 TON CASEY BRIDGE CRANE, (1990), 83' Span, 20 Ton Auxiliary Hoist
- (2) 50 TON CLEVELAND BRIDGE CRANE (CASTER CRANE RUC-2), 15 Ton Auxiliary Hoist, 95'10" Span
- (2) 20 TON ALLIANCE BRIDGE CRANE (BOF WEST & EAST), 80' Span, 31' Lift

COILER SPARE PARTS

INCLUDING (15) CYLINDERS AND (5) UNIVERSAL JOINT SHAFTS

FILTRATION SYSTEM

YARDNEY RCW4824-4AS COOLING TOWER SAND MEDIA FILTER, S/N 2094, (2011), 90 PSI Max. Pressure, B/W Flow, 189 GPM, 1,000 GPM @ 40 PSI Operating Flow

TOOL ROOM & CNC MACHINERY

- BRIDGEPORT TORQ-CUT 22 VERTICAL MACHINING CENTER, 22" X-Axis Travel, 16" Y-Axis Travel, 20" Z-Axis Travel, 32" x 16" Table, 7.5 HP, 7,500 RPM, CAT 40 Spindle, 22 ATC, DX32 CNC Control
- STANDARD 200 DUAL END PEDESTAL GRINDER, Type 24FA, 2 HP, 12" Wheels, 1,750 RPM, w/Hammond 40-P DusKollector
- DOALL VERTICAL BANDSAW, 16" Throat, 20.5" Square Table, 1,000 FPM Max. Cut Speed, Blade Welder
- PECK STOW & WILCOX 241-C HAND SHEAR, 12 Gage Soft Steel
- JET COMBO 6" BELT/10" DISC SANDER
- DELTA 17-900 DRILL PRESS, S/N R9151, 12" x 12" Table, 8" Throat
- 1/2 HP 4" BELT SANDING TABLE

ALSO AVAILABLE

- CASTER (12) BECK SPRAY CONTROLLERS, w/(12) Rosemont 8722 Magnetic Flowmeters
- HOT STRIP MILL- PUMP ROOM; (4) 100 HP WORLDWIDE ELECTRIC MOTORS; (4) PARKER DENISON P11V 2R5C 102A HYDRAULIC PUMPS; TANK
- SYNTRON MF-200 MECHANICAL FEEDER, S/N 1100857
- COILER EXPAND/COLLAPSE CYLINDER COILER LIFTING RIG
- (2) CASTER 60" GEGA DUAL HEAD TORCH CUT OFFS
- (2) INGERSOLL RAND 599 IMPACT WRENCHES, w/Sockets



INGERSOLL RAND IMPACT WRENCHES W/SOCKET



INGERSOLL RAND IMPACT WRENCHES W/SOCKETS



INGERSOLL RAND IMPACT WRENCHES W/SOCKETS

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PERFECTION Industrial Sales

Perfection Industrial Sales – 2550 Arthur Ave., Elk Grove Village, IL 60007
888.241.4577 (U.S. & Canada) – 847.427.3333 (outside U.S. & Canada) – 847.427.8884 (fax)
www.perfectionindustrial.com



ONLINE ONLY AUCTION

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STEEL MILL RELATED MACHINERY & EQUIPMENT



<
BRIDGEPORT
TORQ-CUT 22
CNC VERTICAL
MACHINING CENTER

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INCLUDING: LAB & BOF LAB EQUIPMENT, ROLL GRINDING, PUMPS & VALVES, LIFTING EQUIPMENT, AIR & GAS COMPRESSORS, DRYERS & BLOWERS, BRIDGE CRANES, COILER SPARE PARTS, FILTRATION SYSTEM, TOOLROOM & CNC MACHINERY, 56" MILL COMPONENTS

STEEL MILL RELATED MACHINERY & EQUIPMENT – DUE TO THE CLOSURE OF A MAJOR STEEL FACILITY



DIRECTIONS

From Cleveland Hopkins Airport:
Take I-71S to I-80E. Take Exit 299 for OH-5, exit onto Market Street. Turn right on Pine. Plant will be on the right side.

HOTELS

Fairfield Inn (330) 544-5774
1860 Niles Cortland Road SE
Warren, Ohio, 44484
Holiday Inn Express (330) 872-6000
4185 State Route 5
Newton Falls, Ohio, 44444

TERMS OF SALE

Payment: A 18% buyer's premium will be charged on all assets. The buyer's premium will be reduced to 15% for payments made by means of cash, cashier's check, company check (with bank letter of guarantee) or wire transfer within 48 hours of sale close. All items are sold "As is, Where is" without any warranties expressed or implied. Please visit www.perfectionindustrial.com for our full terms and conditions.

REMOVAL

All items must be removed by Monday, June 2 – Friday, June 13, 2014. NO EXCEPTIONS. Removal times are 8:00 A.M.–4:00 P.M. CDT, Monday through Friday.

FURTHER INFORMATION

For further information contact John Bopp at Cell: (708) 606-3240 or Email: john@perfectionindustrial.com

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