



2006
PTR ELECTRON BEAM WELDER



2003
HAAS SL-40T CNC LATHE



ADVANCED ENERGY SYSTEMS, INC.

500 Lots Offered Featuring: PTR 5-Axis Electron Beam Welding Cell, Clean Rooms & Chemistry Labs, Ultrapure Water Systems, CNC Machine Tools, Fabricating, Welding, Grinding, Inspection, Test Equipment & Facility Support

Advanced Energy Systems, Inc. specialized in advance radiation sources based upon high-brightness electron accelerator technology for science, defense, homeland security and medical.



2003
HAAS VF8/50 VERTICAL MACHINING CENTER

Sale Date: Tuesday, June 28, 2016 at 10:00 AM EDT
Sale Location: 27 Industrial Blvd., Suite E, Medford, New York 11763
Inspection: Monday, June 27, 2016 from 8:00 AM–4:00 PM EDT

5-AXIS ELECTRON BEAM WELDING CELL & ULTRASONIC DIP CLEANING LINE

UNIQUE OPPORTUNITY TO PURCHASE THE FOLLOWING TURNKEY SYSTEM

2006 PTR-PRECISION TECHNOLOGIES, INC. EBW(15)1206084/CNC 5-AXIS ELECTRON BEAM WELDING MACHINE, s/n 636R, w/Fanuc 18i CNC Control, 5' x 7' x 10' Chamber Capacity, Table Travels: X=51" (-18 to +33), Y=18" (-9 to +9), Tilt Table Fixture 1,200 Lb Capacity: 0.2-10 RPM Rotation, Rotary Fixture, Gun Position: 68" to Back Wall, 52" to Front Door, 30" Left to Right, 59" Table to Illuminator, Machine Input: 460 Volt, 150 Amp, 3 Phase, 60 Hz, Machine Output: 150 kV, 100 Milliamp, Diffusion Pump w/Cooled Baffle Using DC-705 Oil, Cryo Meissner Coil – 200,000 l/s for Water Vapor, **ISO-6 CLASS 100 CLEAN ROOM W/ISO-7 ENTRY SURROUNDING THE WELDER, SUITE OF SPECIALIZED TOOLS AND FIXTURES** for Numerical Controlled Welding of SRF Cavities and Components

The AES Electron Beam Welding machine, originally built for Pratt & Whitney in 1984, was completely refurbished and upgraded in 2006. Upgrade specifications are available on request. Pre-Auction purchase opportunities are available and all discussions will be held in the strictest confidence.

The Electron Beam Welding machine can be offered turnkey with a large array of specialized NC tooling, 10-ton chiller, (2) 3-ton cranes and custom ISO-6 clean room.

CREST 4-STAGE ULTRASONIC DIP CLEANING LINE, w/(10) x 1,000 Watt Power Controls, (3) Stainless 430 Gallon Tanks 41" x 44" x 78" Deep, (1) Poly 381 Gallon Tank 36" x 36" x 72" Deep, Craneworks Fixed Rail, Free-Standing Crane System w/1/2-Ton Harrington Hoist, 270" Hoist Travel, Fabricated Walkway



CREST 4-STAGE ULTRASONIC DIP LINE



PTR ELECTRON BEAM WELDER



PTR OPERATOR STATION

PTR TILTING
ROTARY TABLE

PTR OPERATOR STATION

PTR ROTARY AXIS

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

SRF CAVITY PROCESSING CENTER & CLEAN ROOM, BCP RINSE & NEGATIVE PRESSURE EXHAUST ROOM, NEGATIVE PRESSURE EXHAUST ROOM & CLEAN ROOM

SRF CAVITY PROCESSING CENTER & CLEAN ROOM

2009 BROOKHAVEN NATIONAL LABORATORY SRF CAVITY PROCESSING CENTER, w/SPEC BSA-AES HPR Pump System, s/n 6676, Mettler Toledo Thornton 200CR PLC, Class 100 Main Room, Class 1000 Entry, 73" Long x 48" Wide x 550 Lb Cavity Capacity

BCP RINSE & NEGATIVE PRESSURE EXHAUST ROOM

2009 SPEC 2SBC6-40 CHEMICAL COLLECTION UNIT, s/n 6790

2009 SPEC 2SBC5-40 CHEMICAL DISPENSING UNIT, s/n 6790, w/ Self Contained Crane System, Aegis Fire System, Shower, 294" Wide x 268" Deep x 167" High, 71" x 83" Double Door Entry, Temptek Chiller, 73" Long x 42" Wide x 1,200 Lb Cavity Capacity

NEGATIVE PRESSURE EXHAUST ROOM & CLEAN ROOM

2009 NEGATIVE PRESSURE EXHAUST ROOM, 287" Wide x 243" Deep x 167" High, w/71" x 83" Double Door Entry, Room Can Be Altered to Clean Room Specification By the Buyer When Adding Additional Filters

2009 SIMPLEX STRIP DOORS INC., 14' Wide x 24' Deep x 15' Tall, Class 1000 and Class 100 Clean Room



SRF CAVITY PROCESSING CENTER AND CLEAN ROOM



BCP CAVITY CLEANING



CLEAN ROOM



SRF CAVITY PROCESSING CENTER



NEGATIVE PRESSURE EXHAUST ROOM



BCP NEGATIVE PRESSURE EXHAUST ROOM

View our current auction schedule at www.perfectionindustrial.com

ULTRAPURE WATER SYSTEMS, MISCELLANEOUS CLEANING, INSPECTION & TEST EQUIPMENT

2009



ELIX ULTRAPURE WATER SYSTEM



FUME HOOD CABINET

ULTRAPURE WATER SYSTEMS

(3) 2009 ELIX 100-TOC ULTRAPURE WATER SYSTEMS, s/n F8JN92602A, F8JN92602B, F8HN-85940D, w/Aquafine Ultraviolet Disinfection Unit

2011 ELIX 100-CAPA II ULTRAPURE WATER SYSTEM, s/n F2JA21259 B, w/Aquafine SL-10A Ultraviolet Disinfection Unit

MISCELLANEOUS CLEANING

BLUEWAVE 78 GALLON ULTRASONIC CLEANER, Magnetostrictive Ultrasonics

BRANSON 8510 ULTRASONIC BATH

(2) FUME HOOD CABINETS

INSPECTION & TEST EQUIPMENT

TMC 71-25319-01 OPTICAL TABLE, s/n 23082, 96" x 48" Steel Honeycomb Core Table; **TMC 5' X 3' OPTICAL TABLE**; **(2) NEWPORT OPTICAL TABLES**, 60" x 18" x 12" Thick Tables

VARIAN MD30 VS MASS SPECTROMETER LEAK DETECTOR, s/n LL1011L015, Dry Pumping System

VARIAN 979 MASS SPECTROMETER LEAK DETECTOR, s/n LLD80035, Oil Lubricated Pumping System

VARIAN TPS-COMPACT VACUUM PUMPING STATION, s/n 203267, Dry System

ALSO: LARGE QUANTITY OF AGILENT, HEWLETT PACKARD, TEKTRONIX, HITACHI, LECROY, WAVETEK AND WILTRON NETWORK ANALYZERS, UNIVERSAL COUNTERS, OSCILLOSCOPES, POWER METERS, SIGNAL GENERATORS AND VOLTMETERS



TMC 96" X 48" OPTICAL TABLE



SELECTION OF TEST EQUIPMENT



BLUEWAVE 78 GALLON ULTRASONIC CLEANER



SELECTION OF INSPECTION EQUIPMENT



TMC 5' X 3' OPTICAL TABLE



VARIAN LEAK TESTERS



HAAS VF8/50 VERTICAL MACHINING CENTER



HAAS VF5 VERTICAL MACHINING CENTER

VERTICAL MACHINING CENTERS

2003 HAAS VF8/50 VERTICAL MACHINING CENTER, s/n 33356, w/Haas CNC Control, 23" x 52" Table, 50 Taper, 30-ATC, 30 HP Spindle, 2-Speed Gear Drive, 7,500 RPM, Thru Spindle Coolant, High Torque, Wired for 4th Axis, 1-Ton Harrington Hoist System, 4843 Cutting Hours

2000 HAAS VF5 VERTICAL MACHINING CENTER, s/n 20135, w/Haas CNC Control, 23" x 52" Table, 40 Taper, 30-ATC, 30 HP Spindle, Thru Spindle Coolant, High Torque, Wired for 4th Axis, 5197 Cutting Hours

2001 OKUMA ES-V4020 VERTICAL MACHINING CENTER, s/n 1091, w/OSP-U10-M CNC Control, 20" x 40" Table, 20-ATC, RS.232-C Port

TOOLING & ACCESSORIES

2005 HAAS HRT-210 SERVO CONTROL ROTARY 4TH AXIS W/ MATCHING HTS-6 TAILSTOCK, CAT 40 and CAT 50 Tool Holders, (7) 6" and (4) 8" Kurt Vises, (5) 6"-8" Manual, Rotary-Indexing Tables, (2) Cushman Superspacer 12" Rotary Tables

(4) 8"-16" 3 AND 4-JAW CHUCKS, Sine Plates, Chuck Jaws, (2) Huot Toolscout Rolling Tool Carts

HYDRAULIC PRESSES & PRESS BRAKE

300-TON HPM 4-POST HYDRAULIC PRESS, w/36" x 60" T-Slotted Bed and Bolster, 16" x 61" Between Posts, 20" Stroke (Approx.), 42" Max. Daylight (Approx.), Push Buttons

2008 DAKE PSS40 40-TON CAPACITY SHOP PRESS, s/n 6086

K.R. WILSON 37E SHOP PRESS, s/n 4773, w/50-Ton Capacity

LVD 45 JS04 45 HYDRAULIC PRESS BRAKE, s/n 13306, w/45-Ton Capacity, 49" Overall Bed Length, 41" Between Housings, Manual Front Operated Back Gauge, STI OPTOSAFE P4100B Safety Guards

QUANTITY OF PRESS BRAKE TOOLING



QUANTITY OF CAT 40 AND 50 TOOLING



ROTARY TABLES, CHUCKS AND JAWS



OKUMA ES-V4020 VERTICAL MACHINING CENTER



DAKE PSS40 40-TON SHOP PRESS



SELECTION OF PRESS BRAKE TOOLING

< 300-TON HPM HYDRAULIC PRESS

View our current auction schedule at www.perfectionindustrial.com

CNC LATHES, MISCELLANEOUS MACHINE TOOLS, PLATE BENDING ROLLS, MECHANICAL SHEAR

2003



HAAS SL-40T CNC LATHE

CNC LATHES

2003 HAAS SL-40T CNC LATHE, s/n 66458, w/Haas CNC Control, 15" 3-Jaw Chuck, 10-Station Turret, Tailstock, 1-Ton Harrington Hoist System, 1517 Cutting Hours

2005 HAAS TL-3 CNC TOOLROOM LATHE, s/n 69106, w/Haas CNC Control, 12" 3-Jaw Chuck, Tailstock

2009 HAAS TL-2 CNC TOOLROOM LATHE, s/n 3085609, w/Haas CNC Control, 10" 3-Jaw Chuck, Tailstock

2001 OKUMA ES-L8 CNC LATHE, s/n C0443, w/OSP-U10L CNC Control, 7 3/4" 3-Jaw Chuck, 8-Station Turret, Tailstock

2009



HAAS TL-2 CNC TOOLROOM LATHE



HARRISON M400 ENGINE LATHE



2005

HAAS TL-3 CNC TOOLROOM LATHE

MISCELLANEOUS MACHINE TOOLS

BRIDGEPORT SERIES I 2 HP MILLING MACHINE, s/n 248219, w/9" x 48" Table, Power Rapid Traverse, Acu-Rite III 2-Axis Readout

HARRISON M400 ENGINE LATHE, w/16" Swing x 40" BC, Tool Post, Induction Hardened Ways, 2-Axis DRO

DELTA 17.540 DRILL PRESS, s/n 86G79014, w/12.5" x 17" Table

SUNNEN MBB-1600 HONE, s/n 43807

PLATE BENDING ROLL

COMEQ IP 110/5 5' X 10 GA 3-ROLL POWERED PLATE BENDING ROLL, s/n 3509

MECHANICAL SHEAR

NIAGARA 1R-4 10 GA MECHANICAL SHEAR, s/n 65313, w/55" Left Hand Squaring Arm, Front Support, Power Back Gauge



>
BRIDGEPORT SERIES I
2 HP MILL

<
COMEQ 5' X 10 GA
PLATE ROLLS



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2001



OKUMA ES-L8 CNC LATHE



NIAGARA 1R-4 10 GA SHEAR

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VERTICAL BANDSAWS & PULL DOWN SAW, GRINDING & MISCELLANEOUS, WELDING POWER SOURCES & SUPPLIES, MATERIAL HANDLING, COMPRESSORS & DRYER, MEZZANINES, MISCELLANEOUS

VERTICAL BANDSAWS & PULL DOWN SAW

MARVEL SERIES 8 MARK I VERTICAL BANDSAW, s/n 824485-W

STARTRITE V500H VERTICAL BANDSAW, s/n 116170, w/ B50.25 Blade Welder, 20" Throat, 26" x 27 3/4" Table

K1 PULLDOWN TABLE SAW, s/n F1283,

DELTA SHOPMASTER PULL DOWN TABLE SAW

GRINDING & MISCELLANEOUS

2010 CLAUSING CSG-1224 ASDII SURFACE GRINDER, s/n E1TAJ0079, w/PLC Control, Magnetic Chuck Control, Coolant Tank

DOALL DH-612 SURFACE GRINDER, s/n 13860404

ALSO: CUTMASTER FCG-30 TOOL AND CUTTER GRINDER, s/n 1609B, (3) BALDOR AND BLACK & DECKER 3/4 HP AND 1/2 HP PEDESTAL GRINDERS, ROCKWELL/ DELTA 31-520 6" BELT GRINDER, s/n JR3534, w/Dust Collector, DONALDSON TORIT EASY TRUNK 1.5 HP FUME COLLECTOR, s/n 1942863

WELDING POWER SOURCES & SUPPLIES

(2) LINDE UCC-305 300 AMP WELDERS, LINDE V1-252 WELDER, GAGES, WELDING RODS AND CONSUMABLES

MATERIAL HANDLING

TCM FTB15A 2,700 LB BATTERY OPERATED FORK LIFT TRUCK, s/n T0900620, w/189" Max. Lift Height

CALDWELL 5-TON CAPACITY MOBILE A-FRAME, w/160" Between Uprights, Adjustable Height

CALDWELL SERIES 635 2-TON CAPACITY MOBILE A-FRAME, w/107" Between Uprights, Adjustable Height

SPANCO 1-TON CAPACITY MOBILE A-FRAME, w/106" Between Uprights, 92" Under Rail, 100" Overall Height (No Hoist)

VESTIL 2,000 LB CAPACITY A-FRAME, w/132" Between Uprights, Adjustable Height

BEECH 3,000 LB MOBILE ENGINE LIFT

GENIE 350 LB WALK-BEHIND PALLET LIFT

COMPRESSORS & DRYER

QUINCY 51200RB1-102 COMPRESSOR, s/n 6221495V

INGERSOLL RAND T30 COMPRESSOR, s/n 2475N5

ZDH HIGH TEMP REFRIGERATED DRYER

MEZZANINES

EQUIPTO 150 PSF MEZZANINE, w/8' W x 28" L, 8' W x 24" L, 8' W x 12' L Sections, 110" Under Deck

2010 COGAN USA 150 PSF MEZZANINE, s/n 104974M, w/16' W x 32" Section, 112" Under Deck



MARVEL SERIES 8 MARK I VERTICAL BANDSAW



SELECTION OF A-FRAMES AND LIFTS



STARTRITE V500H VERTICAL BANDSAW

MISCELLANEOUS

SEALED AIR CORP. SP-4261 FOAM IN-BAG SPEEDYPACKER SYSTEM, (3) BALLYMOOR 800 LB ROLLING STEPS, PALLET RACKING, BARREL LIFTER, WELDING CLAMPS, DEWALT CORDLESS DRILLS, PALLET RACKING, VARIOUS WIRE SPOOLS, COUPLINGS, FITTINGS, QTY. OF LISTA BALL BEARING CABINETS AND SHOP DESKS, OVER 6,000 SQ. FT. OF OFFICE FURNITURE, COMPUTER AND OFFICE EQUIPMENT



CLAUSING CSG-1224 ASDII GRINDER



QUINCY 51200RB1-102 COMPRESSOR



INGERSOLL RAND T30 COMPRESSOR



SELECTION OF BALL BEARING CABINETS



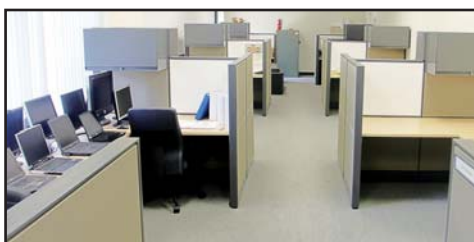
EQUIPTO 150 PSF MEZZANINE



SELECTION OF MEASURING STANDS



PRESENTATION ROOM FURNITURE



6,000 SQ. FT. OF OFFICE FURNITURE



SELECTION OF LAPTOPS

View our current auction schedule at www.perfectionindustrial.com



PERFECTION Industrial Sales

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LIVE WEBCAST AUCTION

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LIVE WEBCAST AUCTION

AIRPORTS

John F. Kennedy International Airport (52 miles away)

Long Island MacArthur Airport (11 miles away)

DIRECTIONS

From JFK Airport: Follow Airport exit signs to the Belt Pkwy. E. Take the Belt Pkwy. to the Cross Island Pkwy. N. Take the Cross Island Pkwy. to the Long Island Expy. (LIE – Rte. 495) E. Take the LIE to Exit 65 Horseblock Road. Make a right at the light, travel approx. 1 mile (just past the Suffolk County Credit Union on left) and turn right onto Industrial Blvd. Take Industrial Blvd. to 27E. Destination is the next to last building on the left side of the road.

HOTELS

Hampton Inn & Suites Long Island Brookhaven..... (631) 732-7300

2000 N Ocean Avenue, Farmingville, New York 11738

SpringHill Suites Long Island Brookhaven..... (631) 924-0090

2 Sawgrass Drive, Bellport, New York 11713

Fairfield Inn Medford Long Island..... (631) 447-6200

2695 NY-112, Medford, New York 11763

TERMS OF SALE

A 15% buyer's premium will be charged on all assets purchased by buyers attending the sale in person, and any Webcast or Online Buyers will be charged an 18% buyer's premium. Acceptable forms of payment are cash (but only on sale day), 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 18% (bidders attending the Auction in person) or 21% (Webcast or Online Bidders). 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 premises of the sale and subject to additional terms announced the day of sale. All items are sold "As is, Where is" without any warranty, express or implied. Although obtained from sources deemed reliable, the Auctioneer makes no warranty or guarantee to the accuracy of the information contained in this brochure and online. All buyers should inspect the goods beforehand to satisfy themselves.

PAYMENT

ALL LIVE AUCTION PURCHASES MUST BE PAID IN FULL NO LATER THAN THURSDAY, JUNE 30. If you intend to pay by wire transfer, we will accept payment the day after the sale ONLY IF a deposit of 25% of the total purchases is made on the day of the sale. Contact our office for wire instructions. Only cash, wire transfer or certified check, payable to Perfection Industrial Sales will be accepted. Company checks payable to Perfection Industrial Sales will be accepted only if accompanied by a bank letter of guarantee. All sales are subject to sales tax. Purchasers claiming exemptions from taxes must provide proof satisfactory to the Auctioneer of their entitlement to claim such exemptions.

REMOVAL

Small lots must be removed no later than Friday, July 8. Large lots must be removed no later than Friday, July 15. Removal hours are Monday through Friday from 8:00 AM–4:00 PM, excluding July 4. Extended hours or weekends may be accommodated by prior appointment. No assets may be removed during the auction sale.

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**PERFECTION
Industrial Sales**

ph 847-545-6374 • fax 847-427-8884

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Sale is Being
Held in
Conjunction
With:



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