

AUCTIONS

Live, Onsite & Webcast Auction
10 December 2019 10:00 am PT

Online Only Auction
Closing 22 January 2020

2001 Aerojet Road, Rancho Cordova, CA

Composite Structure Forming, Advanced Large Capacity
Heat & Vacuum Treating, CNC Machining & Quality Assurance

From Missile & Rocket Propulsion Manufacturing Facility



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Composite Manufacturing

1 - Entec Twin-Spindle, 5-Axis Filament Winder, S/N ECM02393 / CMC468, Max Weight per Mandrel: 5,000-Lbs, w/ (2) 16-Spindle Tensioners, 32-Spindle Redirect Stand, Retrofit in 1997 w/ CMC HDL PC-Based Control **Photo: 2-A, Back Cover**

1 - Entec 5K72-168-5 5-Axis Filament Winder, S/N EN010239, Max Mandrel Weight: 8,000-Lbs, w/ (2) 12-Station Tensioners, Tensioner Carriage, Retrofit in 1998 w/ CMC1 PC-Based CNC Control, Operator Pendant Control **Photo: 2-B**



2-A



2-B



2-C

1 - Entec 5K48W.N-X-4/TC 3-Axis Filament Winder, S/N ECM02393, w/ 12-Spindle Tensioner, PC-Based Control, Operator Joystick Control **Photo: 2-C**

1 - Entec Gear Driven Helical Filament Winder, S/N N/A, w/ (4) CTC Tensioner Dials

1 - Entec TW96-168-6 Horizontal Tape Wrap Machine, S/N 10248, w/ Carriage, Tension & Ram Assemblies, Pendant Mounted Control **Photo: 3-A**

1 - Entec TW90-120-6 Horizontal Tape Wrap Machine, S/N 10242, w/ Carriage, Tension & Ram Assemblies, Pendant Mounted Operator Control, Torit Donaldson VS Fume Collector w/ Spark Arrestor **Photo: 3-B**

1 - Monarch Missile Master 90" x 204" Engine Lathe, S/N 43483 (New 1959), 2-1/2" HIS, 3 to 250-RPM, Threading, w/ Newall C80 2-Axis DRO, 20-HP Motor, 50" T-Slotted Face Plate, 24" 4-Jaw Chuck, Tailstock with 18" 4-Jaw Chuck **Photo: 3-C**

Heat Treat

1 - Abar Ipsen HR-120x152VC 6-Bar MetalMaster Horizontal Vacuum Compression Braze Furnace, S/N 1825 (New 2002), Hot Zone Load Size: 120" D x 120" L (Rotator); 84" W x 84" H x 152" L (Hearth), Max Load & Temperature: 5000-Lbs @ 2400°F (w/ Hearth); 2500-Lbs @ 2200°F (w/ Rotator), Roughing Pump: 300-CFM, Vacuum Booster: 2000-CFM, Rotator Speed: 1/2 to 10-RPM, 6-Bar Positive Pressure Heat Treating/Inert Gas Cooling, Argon Backfill & Partial Pressure, Hydrogen Purge, Graphite Hot Zone, Controlled Cooling, Rotator System, CompuWatch Control System, Varian Diffusion Pump, Stoke Vacuum Pumps, Allen-Bradley PanelView 1400e PLC, Loading System **Photo: Front Cover, 3-D**

1 - Baron 200A650 10' Electric Autoclave, S/N F-1640 (New 1982), Max 200-PSI @ 650°F, OA Dimensions: 37'L x 12'W x 12'H, Electroweld Safety-Lok Quick Opening Door (Nat'l Board #819; New 1982; Repaired by Thermal Equipment Corp in July 2014), w/ 15'L x 5'W 2-Cart Traveling Loader, (6) Vacuum Sensors, (12) TC Inputs, (3) MSA Toxgard II Gas Monitoring Systems, Allen-Bradley PanelView 600 PLC **Photo: 3-E**

1 - Baron 350°F Electric Oven, 72' L x 15' W x 13'6"H, 3-Zone, 2-Door **Photo: 3-F**

1 - Grieve 400°F Electric Walk-In Oven, S/N 660514, Chamber: 10'W x 22'D x 8'H, 2-Doors **Photo: 3-G, H**

Preview: 9 December 2019,
8:00 am - 4:00 pm PT or
earlier by appointment



3-A



3-E



3-B



3-F



3-C



3-G



3-D



3-H



4-A



4-B



4-C



4-D

Heat Treat (continued)

- 1 - Grieve HB-500 500°F Electric Oven, S/N 510024, Chamber: 27"W x 48"D x 71"H, 2-Doors Photo: 4-A
- 1 - Despatch PWC3-14-1E 500°F Electric Walk-In Oven, S/N 14465, Chamber: 60"W x 64"D x 64"H, 2-Doors
- 1 - Thermal Electric Walk-In Oven, Chamber: 120"W x 240"D x 120"H, w/ 2-Doors Photo: 3-H
- 1 - Grieve Electric Walk-In Oven, Chamber: 7"W x 16"D x 7"H, w/ 2-Doors
- 1 - Baron EF-8128 150-kW Electric Walk-In Oven, S/N F2450, Chamber: 96"W x 144"D x 96"H, w/ 2-Doors Photo: 3-H
- 1 - Baron-Blakeslee EF-VB-2H Electric Oven, S/N F-38009, Chamber: 50"W x 52"D x 42"H
- 1 - Electric Walk-In Oven, Chamber: 48"W x 96"D x 72"H, 2-Doors Photo: 3-H
- 1 - Russells GB-64-105-AC Elite Series Electric Environmental Test Chamber, S/N 05114002, Chamber: 48"W x 48"D x 48"H, w/ Watlow Ramping Controller & Digital Temperature Control Photo: 4-B
- 1 - Test Equity Series 1000 1007S Environmental Test Chamber, S/N 30224, Chamber: 24"W x 22"D x 18"H

Presses

- 1 - Technical Machine Products 300-Ton Heated Platen Hydraulic Molding Press, S/N 4 (New 2004), 36" Stroke & Daylight, 36" x 26" Platens Photo: 4-C
- 1 - Wabash 200-Ton Heated Platen, Up-Acting Hydraulic Press, S/N 6333, 36" Stroke, 36" x 36" Platens, 43-1/2" x 20-1/2" Between Posts Photo: 4-D
- 1 - Wabash 20-Ton Heated Platen, Up-Acting Hydraulic Press, S/N 7852, 12" Stroke, 14" Daylight, 15" x 15" Platens

Please note, due to the holiday season there will be no removal
24 – 25 December,
31 December, 1 January

CNC Machine Tools

1 - Giddings & Lewis 72" CNC Vertical Turret Lathe, S/N 520-165, 5-Position Turret
Photo: 5-A

1 - Giddings & Lewis 42" CNC Vertical Turret Lathe, S/N 511-122-88, New Fanuc Drives/Control Installed 2015, Fanuc Oi-TD CNC Control, Power & Manual 42" Diameter Chuck, 5-Position Turret Photo: 5-B

1 - Haas TL-3 20" x 60" Flat Bed CNC Lathe, S/N 3083055 (New 2008) Photo: 5-C

1 - Haas HS-1 4-Axis CNC Horizontal Machining Center, S/N 50336 (New 1997)

1 - Milltronics MB-30 CNC Vertical Milling Machine, S/N 10144 (New 2007) Photo: 5-D

1 - Milltronics MB-20A CNC Vertical Milling Machine, S/N 4628

1 - Mori Seiki NV-45B/40 CNC Vertical Machining Center, S/N 1099

1 - Mori Seiki SL5B CNC Turning Center, S/N NA, Fanuc 11T Control

1 - Okuma LB-15 CNC Turning Center, S/N O306 A349, OSP5020L Control

1 - Sodick AQ550L Wire-Type CNC Electrical Discharge Machine, S/N C252 Photo: 6-A

Tool Room Equipment

2 - Bridgeport 2-HP Vertical Milling Machines, S/Ns BR254513 & BR246886, 9" x 48" Power Feed Table, Newall DRO

1 - Victor 20" x 60" Engine Lathe, S/N 78126

1 - Clausing-Colchester 15" x 45" Engine Lathe, S/N VT 1964, to 2500-RPM, 2-Axis DRO Photo: 6-B

1 - Monarch 13" x 54" Engine Lathe, S/N 41026

1 - Blanchard 22AK-42 42" Rotary Surface Grinder, S/N 15549 Photo: 6-C

3 - Cincinnati Monoset Tool & Cutter Grinders, S/Ns 4898A0181-0066, 1D2T1Z-718 & 2D1C5T-87

1 - Winslow HC101 Exactmatic Drill Grinder, S/N 00244

1 - Royal Oak Form Relieving Grinder, S/N NA

1 - Pratt & Whitney Radius Grinder, S/N CG 1055

1 - Brown & Sharpe 618 Micro Master Surface Grinder, S/N 523-6181-3467

1 - SIP HYDR-6 Hydroptic Jig Borer, S/N 235 Photo: 6-D



5-A



5-B



5-C



5-D

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Tool Room Equipment (continued)

1 - DeVlieg 3B-48 Spiramatic Jig Mill, S/N 14-227

1 - Scotchman 35-Ton Hydraulic Ironworker, S/N 8212 FT6 282

1 - DoAll 20" Vertical Band Saw, S/N 339-76427

1 - DoAll C-1216A 12" x 16" Horizontal Band Saw, S/N 373-79392

1 - Rotex 18B Manual Turret Punch, S/N 11186

1 - Dake 125-Ton H-Frame Shop Press, S/N 181034

1 - KR Wilson 60-Ton H-Frame Shop Press, S/N 2500

2 - Dake 50-Ton H-Frame Shop Presses, S/N 188000 & 181402

1 - Clemco AC2448 24" x 48" Blast Cabinet, S/N 319

1 - P&G Pram 31 58" x 42" Abrasive Blast Cabinet, S/N 218



Quality Assurance

1 - Spray Tech Liquid Penetrant Spray Booth, 2-Booths, Overall Size: 45'L x 15' W x 15'6" H Photo: 6-E, F

1 - Sheffield Cordax RS-150 Coordinate Measuring Machine, S/N A-0075

1 - AVR EBW (7.5) 52 x 36 x 36 Electron Beam Welder, S/N 229 Photo: 6-G

1 - Sheffield 12-30-10 Endeavor CMM Photo: 6-H

Bid online with BidSpotter.com

Terms and Conditions

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For updated information, please visit hilcoind.com/sale/aerojet-live





Plant & Production Support

1 - Fabricated Structural Steel Modular Work Cell, 18'6"W x 42'L x 11'H Overall, 10' Under Beams, Bolted I-Beam Construction, Wired for Electric & IT Networking, Piped for Air & Vacuum, Lights, (2) A/C Units Photo: 7-A

1 - Fabricated Structural Steel Modular Work Cell, 18'W x 42'L x 11'H Overall, 10' Under Beams, Bolted I-Beam Construction, Wired for Electric & IT Networking, Piped for Air & Vacuum, Lights

1 - 45'W x 50'L x 14'H Modular Enclosure, w/ (2) Power Retractable Roof Panels, Power Overhead Door, Man Doors, Lights, Wired for Electric, Piped for Air/Vac/Sprinklers, Ventilation Photo: 7-B

2 - 18'W x 22'L x 10'H Modular Offices, Bolted Panel Design, w/ Lights, Wired for Electric, Piped for Air/Vac/Sprinklers, Ventilation, Man Doors

1 - Binks Spray Booth, 15'W x 25'D x 12'H, Bolted Steel Construction, Fans, Lights, Sprinklers Photo: 7-C

1 - Viking Spray Booth, 9'W x 12'D x 11'H, w/ Double Doors

Large Quantity of Lista, Vidmar Multi-Drawer Tool Cabinets, Knaack Jobboxes and Stronghold Vertical Storage Cabinets Dust Collectors, Hose Crimping Press, Ridgid Pipe Threaders, Double End Grinders, Jib Cranes, Arbor Presses, Steel Layout Tables, Worktables & Benches, Hand & Power Tools, Tool Boxes, Storage Cabinets, Platform Scales, Metro Racks, Machining Accessories, Tool Holders, Perishable Tooling and Much More



Rolling Stock Photo: 7-D

6 - Atlas 132,000-Lb Capacity Case Transport Trailers, 8'6"W x 42'L, 3-Axle

5 - Martinez-Turek 132,000-Lb Capacity Loaded Motor Transport Trailers, 10'4"W x 57'L, 3-Axle, w/ 15,000-Lb Winch

1 - Cheetah Chassis 20' Dual Axle Trailer; VIN: 5EF2SC2336B765203 (New 2006)



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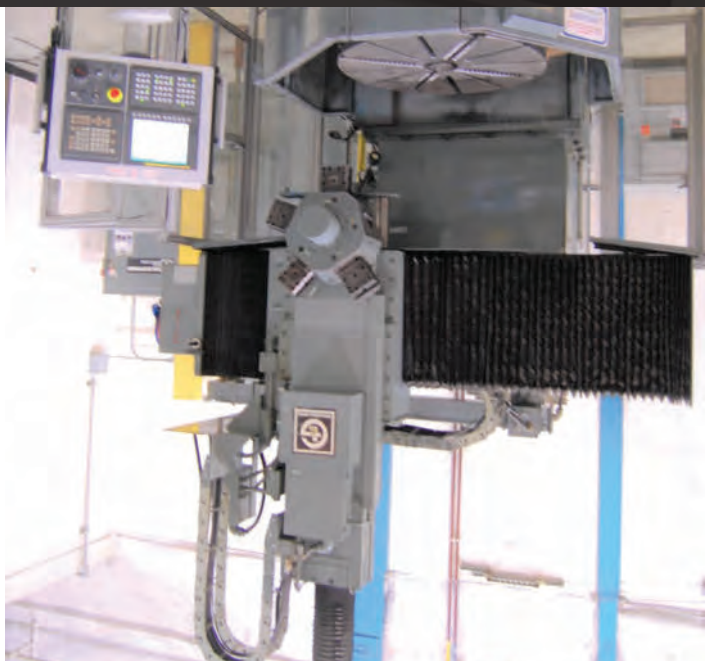
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