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By Order of Board of Directors



California Tool & Engineering, Inc.

MAJOR CNC MACHINE SHOP & GRINDING FACILITY



Haas VF-1 4-Axis CNC Vertical Machine Center

FEATURING

- **CNC Machine Centers**
- **CNC Turning Centers**
- **Grinding Department**
- **Inspection**
- **Miscellaneous**

Wednesday, January 10th at 10:30am PST

California Tool & Engineering – 7417 Orangewood Dr., Riverside, CA 92504

INSPECTION: Tuesday, January 9th, 9:00am to 4:00pm & Morning of the Sale



For An Auction Calendar Visit Our Website:

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Brochure Designed & Dedicated to the Memory of Craig F. Tucker

CNC VERTICAL MACHING CENTERS

2012 Haas Mod. VF-1, 4-Axis CNC Vertical Machine Center, w/Haas Controls, ATC, Thru Spindle Coolant, (2) Kurt Table Vises, Grinding Head Attachment, 16" x 26" Work Table, Haas 4th Axis Indexer, S/N 1091637

1997 Haas Mod. VF-1, 4-Axis CNC Vertical Machine Center, w/Haas Controls, 20 HP Vector Drive, 710 IPM Brushless Servos, 20-Pos. ATC, Thru Spindle Coolant, 40-Taper Tooling, Kurt Mill Vise, 14" x 26" Work Table, S/N 12481

Okuma Mod. Cadet Mate, 3-Axis CNC Vertical Machine Center, w/OSP-700M Controls, Thru Spindle Coolant, 20-Pos. ATC, (2) Kurt Mill Vises, 20" x 47" Work Table, S/N 0422

Haas 4th Axis Indexer with 3-Jaw Chuck

Large Assortment of 40-Taper Tooling



Haas VF-1 4-Axis CNC Vertical Machine Center



Haas VF-1 4-Axis CNC Vertical Machine Center



Okuma Cadet Mate Vertical CNC Machine Center

CNC TURNING CENTERS

2001 Haas Mod. SL20, CNC Turning Center, w/Haas Controls, 20 HP Vector Dual Drive, 16" 10-Pos Turret, 8" 3-Jaw Chuck, Chip Conveyor, 2001 Haas Mod. Servo Bar 300, Bar Feed Unit, S/N 90530, S/N 64199

1999 Haas Mod. SL20T, CNC Turning Center, w/Haas Controls, 10-Pos. Turret, Tailstock, Live Tooling, 20 HP Vector Dual Drive, Chip Conveyor, 2000 Haas Mod. Servo Bar 300, Bar Feed Unit, S/N 90278, S/N 62513

1998 Haas Mod. HL-4, CNC Turning Center, w/Haas Controls, 10" 3-Jaw Chuck, 19" 12-Pos. Turret, Live Tooling, Tailstock, Chip Conveyor, S/N 61968

1997 Haas Mod. HL-4, CNC Turning Center, w/Haas Controls, 10" 3-Jaw Chuck, 19" 12-Pos. Turret, Tailstock, Chip Conveyor, S/N 61093



Haas SL20 CNC Turning Center w/Servo Bar



Haas SL20T CNC Turning Center



Haas HL-4 CNC Turning Center

INSPECTION

Mitutoyo Mod. F-604, 3' x 2' x 9" CMM, w/**Renishaw** Mod. TP1S, Probe, S/N 8611501; **Starrett** Mod. HB350, 14" Optical Comparator, w/**Quadra Check** 2000 DROs, S/N 1542; **Nikon** Mod. V-12, 12" Optical Comparator, w/**QM** Mod. 800, DROs, S/N 93214; **J&L** 14" Optical Comparator; **Wilson Rockwell** Hardness Tester; **Shadowgraph** Comparator; **McBain** Microscope; Misc. Pin Gauges and Height Gauges

GRINDING DEPARTMENT

Victor Mod. 1020AH, 10" x 20" Auto. Hyd. Surface Grinder, w/10" x 20" Magnetic Chuck, S/N 0025171

1994 Kent Mod. SGS-1020AHD, 10" x 20" Auto. Hyd. Surface Grinder, w/**Acer** 10" x 20" Magnetic Chuck, S/N 439069

(2) Falcon Chevalier Mod. FSG-1A618, 6" x 18" NC Hyd. Surface Grinders, w/**Haas** Servo Controls, 6" x 18" Magnetic Chucks, S/N's P681-001; P6805001

1997 Acer Mod. AGS-618, 6" x 18" Manual Surface Grinder, S/N 9322-275; **Boyar Schultz** Mod. H612, 6" x 12" Manual Surface Grinder, S/N 25403; **Reid** 6" x 12" Manual Surface Grinder; **Harig** Mod. 612, 6" x 12" Manual Surface Grinder; **Sunn Equip** 6" x 12" Manual Surface Grinder; **Blanchard** Mod. 11, 16" Vertical Rotary Surface Grinder, S/N 7065; **Landis** OD/ID Grinder; **Heald** Mod. 271, ID Grinder w/3-Jaw Chuck; **Cincinnati** 10" x 24" OD/ID Grinder, S/N 4U225H-S1; **Cincinnati** Mod. OM, Centerless Grinder, w/**Acurite** DRO's, S/N 2M2H1Y-383; **Cincinnati** Mod. EA, Centerless Grinder, S/N 2M2H1L-187; **Elgin** Mod. EA, Centerless Grinder; **Nissin** Mod. EA, Centerless Grinder; **Ramco** Mod. STC-12, Centerless Grinder, S/N 4219; **Royal Master** Centerless Grinder; **(2) Kao Ming** Mod. KM-40S, Tool and Cutter Grinders, S/Ns: 40031 (1990); 2687 (1983); **(2) Makino** Mod. C-40, Tool and Cutter Grinders, S/Ns: E44-3778, N/A; **KO Lee** Mod. B860-1-52, Tool and Cutter Grinder, S/N 4052; **Cuttermaster** Mod. S7-900-000, Tool and Cutter Grinder, S/N 376087; **Cincinnati** OD Grinder, S/N 1DZ11-L1; **(2) Custom** OD Grinders; **Dee Shin** End Mill Grinder

MISCELLANEOUS

Hansvedt Wire EDM, w/**Pulse** 201 Power Source, **Anilam** DROs; **Cincinnati** 15" x 30" Engine Lathe, w/3-Jaw Chuck, KDKs; **Bridgeport** 1 HP Vertical Mill, S/N 163455; **Sunnen** Mod. MBC-1802, Prec. Horiz. Hone, S/N 82630; **Hardinge** Mod. DSM59, 2nd Oper. Lathe; **2007 IR** Mod. UP6-15C-125, 15 HP Tank Mounted Rotary Screw Air Compressor; **Quincy** Mod. F-390, 15 HP Tank Mounted Air Compressor; **Magnolia** 10 HP Tank Mounted Air Compressor; **Husky** 5 HP Vert. Air Compressor; **Do-All** Mod. 1612-0, 16" Vert. Band Saw, w/**Butt** Welder, S/N 277-721152; **Wellsaw** Mod. 1000, Horiz. Band Saw, S/N 5341; 10' x 15' x 8' Burn Off Oven; **Blue M** Oven; **1993 KBC** Mod. 9648, 6" Combo Disc/Belt Sander; **CI** Mod. 3 Arbor Press; **Pit Bull** Mod. WA-14M, 14" Vert. Band Saw; **Pittsburg** 20 Ton "H" Frame Press; **Komatsu** Approx. 3000 Lb. LPG Forklift; **Central Machinery** 8-Ton Engine Hoist; **Transpower** Ped. Drill Press; **Landa** Pressure Washer; Binks 10' x 10' x 8' Spray Booth; Strapping Units; Misc. Carbide Tooling; 15' Flat Bed Trailer; **Kurt** Mill Vises; Bar Stock; Vise & Benches; Bench Drill Press; Misc. Setup Racks; Dbl. End Grinders; Custom Cold Saw; Miscellaneous Collets, Tooling.; Miscellaneous Office Furniture



Mitutoyo F-604 CMM w/Probe



Victor 1020AH Auto Hydraulic Surface Grinder



1 of 2

Chevalier FSG-1A618 Hyd. Surface Grinder w/Haas Servo Bar



Heald Mod. 271, ID Grinder w/3-Jaw Chuck

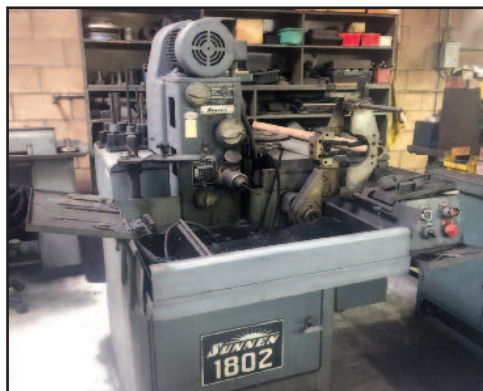


1 of 3

Cincinnati Centerless Grinder



Cincinnati 15" x 30" Engine Lathe w/3-Jaw Chuck



Sunnen Mod. MBC-1802 Precision Horizontal Hone



Ingersoll Rand 15 HP Rotary Screw Air Compressor

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By Order of Board of Directors



California Tool & Engineering, Inc.

MAJOR CNC MACHINE SHOP & GRINDING FACILITY

Wed., January 10th at 10:30am PST

LATE



Haas VF-1 4-Axis CNC Vertical Machine Center



TAUBER-ARONS, INC.

Industrial Auctioneers & Liquidators since 1892

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MAJOR CNC MACHINE SHOP & GRINDING FACILITY

Wed., January 10th at 10:30am PST



2001

Haas SL20 CNC Turning Center w/Servo Bar

DIRECTIONS

From downtown Los Angeles, take the CA-60E to exit 42 for Van Buren Blvd. Turn right onto Mission Blvd. Continue on to Van Buren Blvd. Turn left onto Jurupa Ave. Turn left onto Rickenbacker Avenue. Rickenbacker turns right and becomes Orangewood Dr. Sale site is on the left!

TERMS OF SALE

15% Buyer's Premium for Onsite Bidding; 18% Buyer's Premium for Online Bidding. A deposit of 25% in cash, cashier's check, or company check is required of each bidder for deposit only. Total to be paid within time specified by auctioneer in cash, cashier's check, or wired funds before removal of purchase. All purchases must be removed within period announced by auctioneer. All descriptions are believed to be correct, but no guarantees or warranties are made by auctioneer as to nomenclature or age. Everything sold on an "as is" basis. ALL SALES WILL BE SUBJECT TO LOCAL & STATE SALES TAX. A BUYERS' PREMIUM WILL BE COLLECTED ON ALL PURCHASES.

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PAYMENTS

Invoices will be sent to successful bidders immediately after the sale closes. All bills to be paid in full the next day, Thursday, January 11th.

CHECKOUT

Thursday, January 11th thru Tuesday, January 16th, 8:00am to 4:00pm each day.