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PUBLIC AUCTION

Auction Date:

TUESDAY DECEMBER 7, 2021 @ 10:30 a.m. PST
AUCTION LOCATION:
1812 YAJOME STREET, NAPA, CA

STATE OF THE ART 4 & 5 AXIS CNC MACHINING FACILITY



Preview: Monday December 6, 2021 from 9:00 a.m. to 4:00 p.m. And Morning of Sale from 8:00 a.m. to 10:30 a.m. "On-line bidding thru bidspotter.com". PRESORTED First-Class Mail U.S. Postage PAID STA CLARITA, CA Permit No. 298

BY ORDER OF OWNER RETIRING FOR TSCHIDA ENGINEERING, INC.

RA PRECISION 5 AXIS CNC ACHINING FACILITY



2006 Matsuura MAM 72-35V 5-Axis CNC VMC w/ Matsuura G-Tech 16i Controls, 32-Station Pallet Changer, 240-Station ATC, CAT-40 Spindle, 1000 PSI Pressure Coolant, Programable Tail Stock, Tool Monitoring, Fume Collector, True 5-Position Operation, 20,000 RPM Spindle



2) Matsuura H-Plus 300 in a 24 Linear Pallet System, 1000 PSI Hi Pressure Coolant, CMM Probing, Full 4th Axis, Tool Monitoring, 240 / 320 Tools, 15k and 20K RPM, Fanuc 16i and 30i Controls

Inspection: Monday December 6, 2021 From 8:00 a.m. to 3:00 p.m. and Morning of Sale from 8:00 a.m. to 10:30 a.m.

5 AXIS CNC MACHINING DEPARTMENT







2006 Matsuura MAM72-35V 5-Axis CNC VMC w/ Matsuura G-Tech 16i Controls, 32-Station Pallet Changer, 240-Station ATC, CAT-40 Spindle, 1000 PSI Pressure Coolant, Programable Tail Stock, Tool Monitoring, True 5-Position Operation, 20,000 RPM Spindle

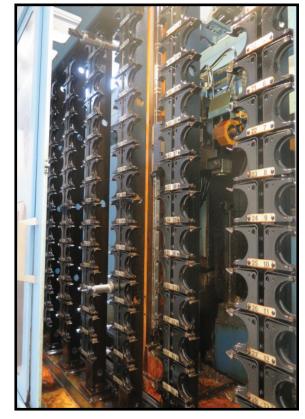
CNC TOOL PRESSETING SYSTEM



Parlec Series 1500 "Parsetter TMM" mdl. P1500 Tool Presetting System w/ 40 & 50 Taper Adapter



2016 Abnox / Rego-Fix mdl. poweRGrip PGU9500 40 Taper Tool Holding System w/ CAT-40 Tooling



MATSUURA 4 AXIS CELL SYSTEM



Matsuura Multi-Pallet CNC Machining Cell

Toolex Vise Tombstones











2) Matsuura H.Plus-300 in a 24 Linear Pallet System 4-Axis Horizontal Machining Center w/ Matsuura G-Teck 30i Controls, Renishaw NC4TX Laser Setting System, 240 / 320-Station ATC, CAT-40 Spindle, 15,000 and 20,000 RPM, CMM Probing Full 4 th Axis, High Pressure Coolant







2002 Matsuura Maxia PC-17 Maxia Cell Management System, 2 Machines, 26 Pallet System, 24-Pallet Stacker, w/ Fanuc Power Mate16i and 30i CNC Controls, Maxia WS-26-26 Cell Management System, Pallet Car

PRECISION CNC TURNING & MACHINING





2015 Okuma "Space Turn" LB3000EX II CNC Live Turret Turning Center w/ Okuma OSP-P300L Controls, Presetter, 12-Station Live Turret, Tailstock, Full "C" Axis, "Y" Axis, Capto Tool Blocks, Hainbuch Collet Nose SK 65, Thermal Compensation, Navi-L-G Harmonics Spindle Speed Control, Synchronous Tapping, IGF Function

OKUMA CNC TURNING



2003 Okuma "Twin Star" LT200-MY Twin Spindle – Twin Live Turret CNC Turning Center w/ Okuma OSP-E100L Controls, Main and Sub Spindle, Presetters, (2) 12-Station Live Turrets, "C" and "C1" Axes, 50 Millionths Upgrade, Hi Pressure 200 PSI Coolant, SIIGF Function



Okuma LB25 ll-M CNC Live Turret Turning Center w/ Okuma OSP7000G Controls, 12-Station Live Turret, Hydraulic Tailstock, 3500 RPM, Live Tooling.

CNC Lathes:

2015 Okuma "Space Turn" LB3000EX ll CNC Live Turret Turning Center s/n 186824 w/ Okuma OSP-P300L Controls, Tool Presetter, 12-Station Live Turret, Hydraulic Tailstock, Full "C" Axis, "Y" Axis, 5000 RPM Spindle, 6000 RPM Live Turret, Thermal Compensation Speed Control, Navi-L-G Harmonics Spindle Speed Control, Synchronous Tapping, IGF Integrated Graphics Function (Programming), Parts Catcher, Sandvik C4-TRI-OK 60A Capto Tooling Holders, Mayfran Chip Conveyor, 2944 Run Hours, 2519 Spindle Hours, 2477 Cut Hours, Coolant, 2015 MP Systems MP1200 Type AT RF MC 1000 PSI High Pressure Coolant System and Fume Collection System s/n P41181.

2003 Okuma "Twin Star" LT200-MY Twin Spindle – Twin Live Turret CNC Turning Center s/n 07302111w/ Okuma OSP-E100L Controls, Main and Sub Spindle Tool Presetters, (2) 12-Station Live Turrets, 6000 RPM Main, Sub and Live Tooling, "C" and "C1" Axes @ 360 Degrees To 0.001 Degrees, 50 Millionths Upgrade, Integrated Graphics Function (For Programming), MicroCentric 65BXI Collet Noses on Main and Sub Spindles, Parts Catcher, Enomoto Chip Conveyor, High Pressure Coolant, Rosedale Coolant Filtration Unit, 9781 Run Hours, 7004 Spindle Hours, 7359 Cut Hours, LNS Quickload Servo S3 Bar Loader / Feeder s/n 302235.

Okuma LB25 ll-M CNC Live Turret Turning Center s/n 0332 w/ Okuma OSP7000G Controls, 12-Station Live Turret, Hydraulic Tailstock, 3500 RPM, (5) Live Radial and Axial Tooling, (2) Capto C4 Tooling Holders, 10" 3-Jaw Power Chuck, Henning Chip Conveyor, Coolant.

1998 Citizen Cincom 20 Type L-20 Swiss Type CNC Screw Machine s/n Q0988 w/ Citizen Controls, (3)Drill/Bore Stations, (6) Turning Stations, (4) Overhead Tool Holders, Parts Catcher, Chip Conveyor, Cool Blaster HD High Pressure Coolant System, Rosedale mdl. LCD-8 Coolant Filtration System, LNS Hydrobar Express 226 Hydraulic Bar Loader / Feeder.

1999 Citizen Cincom 20 Type L-20 Swiss Type CNC Screw Machine s/n Q10203 (PARTS MACHINE –NEEDS CONTROL BOARD) w/ Citizen Controls, (3) Drill/Bore Stations, (6) Turning Stations, (4) Overhead Tool Holders, Parts Catcher, Chip Conveyor, Cool Blaster HD High Pressure Coolant System, Rosedalemdl. LCD-8 Coolant Filtration System, LNS Hydrobar Express 226 Hydraulic Bar Loader / Feeder

CNC SCREW MACHINES & SUPPORT



Citizen Cincom 20 Type L-20 Swiss Type CNC Screw Machine w/ Citizen Controls, (3) Drill/Bore Stations, (6) Turning Stations, (4) Overhead Tool Holders, 2000 PSI Cool Blaster HD High Pressure Coolant System



Citizen Cincom 20 Type L-20 Swiss Type CNC Screw Machine (PARTS MACHINE – NEEDS CONTROL BOARDS) w/ Citizen Controls 2152 1998 Citizen Cincom 20 Type L-20 Swiss Type CNC Screw Machine w/ Citizen Controls, (3) Drill/Bore Stations, (6) Turning Stations, (4) Overhead Tool Holders, 2000 PSI Cool Blaster HD High Pressure Coolant System



LNS Hydrobar Express 226 Hydraulic Bar Loader / Feeder



Okuma Crown V4018 CNC VMC w/ Okuma OSP-U10M Controls, 20-Station Side Mount ATC, CAT-40 Spindle, 12,000 RPM, Rigid Tapping, Thru Spindle Coolant

FEATURING:

CNC Mills:

2006 Matsuura MAM72-35V 5-Axis CNC Vertical Machining Center s/n 16485 w/ Matsuura G-Tech 16i Controls, 32-Station Pallet Changer, 240-Station ATC, CAT-40 Taper Spindle, True 5-Position Operation, 20,000 RPM Spindle, Daikin Oil Cooler, SMC Refrigerated Air Dryer, Fume Collector, Mosnic Chip Conveyor, High Flow Coolant System.

Matsuura Multi-Pallet CNC Machining Cell:

2008 Matsuura H.Plus-300 4-Axis Horizontal Machining Center s/n 17780 w/ Matsuura G-Teck 30i Controls, Renishaw NC4TX Laser Setting System, 320-Station ATC, CAT-40 Taper Spindle, 20,000 RPM, 4 th Axis Thru Pallet, 11 ½" x 11 ½" Pallets, High Pressure Coolant System, CoolJet Coolant Filtration System, Turbo Chip Conveyor.

2002 Matsuura H.Plus-300 4-Axis Horizontal Machining Center s/n 020715110 w/ Matsuura G-Teck 16i Controls, Tool Pre-Setting System, 240-Station ATC, CAT-40 Taper Spindle, 15,000 RPM, 4 th Axis Thru Pallet, 11 ½" x 11 ½" Pallets, High Pressure Coolant System, Rosemont Coolant Filtration System, Turbo Chip Conveyor.

2002 Matsuura Maxia PC-17 24-Station Linear Pallet System s/n 020715110 w/ Fanuc Power Mate CNC Controls, Maxia WS-26-26 Cell Management System, (24) Pallet Stations, Pallet Loading Car, Tool Station.

Okuma Crown V4018 CNC Vertical Machining Center s/n 0031 w/ Okuma OSP-U10M Controls, Hand Wheel, 20-Station Side Mount ATC, CAT-40 Taper Spindle, 12,000 RPM, Rigid Tapping, Thru Spindle Coolant, High Pressure Coolant, Coolant Filtration System, Henning Chip Conveyor.

ORBITAL & TIG WELDING DEPARTMENT

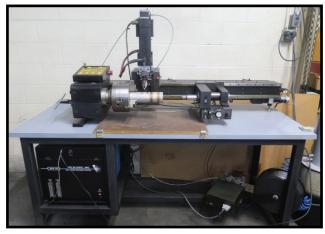


2000 AMI Arc Machine Inc. mdl. 207A Fusion Welding System





2005 Weld Logic Inc. PWL-15-4 Vertical CNC Tube Welder w/Computer Controls, AWS Controller, PWL-Rotary Positioner with 8" 3-Jaw Chuck, AWS-150 Welding Power Source





2005 Weld Logic Inc. PWL-15C-36 14" Lathe Style CNC Tube Welder w/ Computer Controls, Pendant Controller, PWL-Rotary Positioner with 8" 3-Jaw Chuck and Tailstock, AWS-150 Welding Power SourcePendant Controller, PWL-Rotary Positioner with 8" 3-Jaw Chuck and Tailstock, AWS-150 Welding Power Source



Welders and Plasma Cutter



Large Selection of Carbide Tooling.

Welding: 2005 Weld Logic Inc. PWL-15C-36 14" Lathe Style CNC Tube Welder w/ Computer Controls, AWS endant Controller, PWL-12/15/24-C/M-XX Rotary Positioner with 8" 3-Jaw Chuck and Tailstock, AWS-150 Welding Power Source, CFW-150/300 Wire Feeder, Table. 2005 Weld Logic Inc. PWL-15-4 Vertical CNC Tube Welder w/ Computer Controls, AWS PendantController, PWL-12/15/24-C/M-XX Rotary Positioner with 8" 3-Jaw Chuck, AWS-150 Welding Power Source, CFW-150/300 Wire Feeder, Table. 2000 AMI Arc Machine Inc. mdl. 207A Fusion Welding System s/n 30868 w/ mdl. 227/207-C Control System, mdl. 09-4500 4.5" Cap Fusion Head, mdl. 8-2000 2" Cap Fusion Head, Misc Die Inserts

Hobart RC-300 DC Arc Welding Power Source s/n 80WS-09218.
Thermal Dynamics – Thermal Arc PAK5 Plasma Cutting Power Source.
CK Worldwide mdl. WF-3 Cold Wire Feeder.

Support Machinery:

Foba M-Series Laser Marking System w/ mdl. Y.0200 Controls s/n 1707/204, mdl. M1000Y.0200 Laser Cabinet s/n MY1707-076, 9 ½" x 19 ½" Table, BL Baseline-99 18" x 18" Fixture Table, Computer, FOBA MarkUS 2.11.25.0 Software Package.

(3) Overback mdl. LT-1B "Twister Speed Lathes" w/ 5C Spindle, Variable Spindle RPM, Foot Switch.

Clausing 2-Head Gang Drill Press w/ Clausing mdl. 15 Variable Speed Heads.

New Holland mdl. K24 Plain Heated Chip Spinner s/n 88296.

New Holland mdl. K11 Heated Chip Spinner s/n 985712.

Compact Coolant "WIZ Junior" Coolant Reconditioning System.

George Fischer +GF+ type RPG 1.5 Tube Facing and Chamfering Tool w/ ¼", 3/8", ½", 5/8", 34", 1", 1 14" and 1 1/2" Clamping Dies.

(3) MiJet mdl. 14-8-545 "Clean Parts - Clean Air" 8" Parts Cleaning System.

MiJet mdl. 14-12-545 "Clean Parts - Clean Air" 12" Parts Cleaning System.

QL mdl. 40GC 225 Degree F Lab Oven.

(2) Vale mdl. E283 Ultrasonic Cleaning Tanks.

INSPECTION DEPARTMENT





Fowler Baty Venture-3030XT Vision/CMM Machine w/ Video Feed Head, Renishaw Probe Head, Renishaw MCR20 6-Station Probe Changer, Metrology Fusion MK4 3D Software



Wilson Instron 103R **Rockwell Hardness** Tester



Fowler Sylvac Z_CAL 600XT 24" and Fowler Sylvac Hi CAL 300 12" Digital Height Gages



Foba M-Series Laser Marking System w/ Controls, Laser Cabinet, 9 ½" x 19 ½" Table, Computer, FOBA MarkUS 2.11.25.0 Software

Fowler Baty "Venture XT" mdl. Venture-3030XT Vision/CMM Machine s/n 1695 w/ Video Feed Head, Renishaw Probe Head, Renishaw MCR20 6-Station Probe Changer, Probe Tip Access, X=11.8"(300mm),Y=11.8"(300mm), Z=7.9"9200mm), Metrology Fusion

MK4 3D Software, Dual Monitors, Computer, Table.
Mitutoyo PH-350 13" Optical Comparator s/n 60093 w/ Mitutoyo DRO, Mitutoyo Optoeye M1 Edge Zone Detector, Surface and Profile

Illumination, Rolling Cabinet Base, Access. Wilson Instron mdl. 103R Rockwell Hardness Tester s/n 2523.

Mitutoyo TM-101 Tool Makers Microscope s/n 60069 w/ Digital Micrometer Heads, Surface and Profile Illumination.

Mitutoyo TM Tool Makers Microscope s/n A00011201 w/ Digital

Micrometer Heads, Surface and Profile Illumination.

(3) Meiji Stereo Microscope w/ Light Source.
Fowler Sylvac Z_CAL 600XT 24" Digital Height Gage w/ Access.
Fowler Sylvac Hi_CAL 300 12" Digital Height Gage w/ Access.
Fowler Bowers XT Series 9"-10", 8"-9", 6"-8", 4"-6", 2"-4", 0.75"-2", 0.375"-

0.75" Digital Bore Mics w/Setting Rings.

Sunnen PG-800-E Precision Bore Gage. Sunnen PG-800-E Precision bore Gage.

Sunnen PG-500-E 1.5"-2.9" Setting Fixture w/ Finger Extension Set.

Sunnen PG-400-E 0.1"-1.5" Setting Fixture.

Sunnen 1.18"-2.0" and .495"-.75" Dial Bore Gages (2).

Mitutoyo 6"-12" OD Mic Set.

Mitutoyo 16"-17" OD Mic.

Mitutoyo 0-3" Indicating OD Mics, Thread Pitch Mic, Blade Mics, Disc Mics and OD Mics.

Mitutoyo Gage Block Set.

Johnson Dial Thread Gages.

Mitutoyo and Fowler Digital Calipers to 18".
Deltronic, Vermont and Meyer Pin Gage Sets.

Starrett Crystal Pink 24" x 36" x 6 1/2" Grade "A" Granite Surface Plate w/

Rolling Cabinet Base.

Starrett Crystal Pink 18" x 24" and (4) 12" x 12" Granite Surface Plates.



Mitutoyo PH-350 13" Optical Comparator w/ Mitutovo DRO, Optoeye M1 Edge Zone Detector, Surface and Profile Illumination



Pritic Magnetic Polishing Machine w/ Pritic-M Controls, Pritic-MI Magnetic Field **Generation Tank**





Mitutoyo TM Tool Makers Microscope **2-AVAILABLE**

PUBLIC AUCTION



Harig "618 Automatic" 6" x 18" **Automatic Hydraulic Surface** Grinder



Marvel Vertical Tilting Band



New Holland Heated Chip **Spinner**



New Holland Heated Chip Spinner



Burr King Deburring and Polishing Grinder and Burr King 2" Belt Sander w/ Burr King Dust Collectors

Grinding and Finishing:

Optima Precision Optical Drill Sharpener s/n 803 w/ Diamond Wheels, Split-Tip Attachment, Collet Chuck and (2) Finger Chucks, Flex Collet Sets and Grinding Wheels.

Harig "618 Automatic" 6" x 18" Automatic Hydraulic Surface Grinder s/n 5441-W w/ Walker 6" x 18"Fine-Line Electromagnetic Chuck. Comco "ProCenter PLUS" mdl. PC1364 Micro Abrasive Blast Cabinet s/n CTR200-1 w/ Hepa Equipped Filtration System, Stand. Pritic Magnetic Polishing Machine w/ Pritic-M Controls, Pritic-MI Magnetic Field Generation Tank, Access. Burr King mdl. 600 Single Speed Deburring and Polishing Grinder w/ MotorMasters Variable Speed DC Drive, Burr King Dust Collector. Burr King mdl. 760 2" Belt Sander w/ Extended Belt Attachment, Burr King

MSI Barrel Style Media Tumbler.

ALL MACHINERY MOVERS MUST BE APPROVED BY THE SELLER PRIOR TO REMOVAL OF EQUIPMENT



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Dust Collector.



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