



An ISO 9001:2000 Company



Equipment List

**Rosewood Machine & Tool
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Visit us on the web at: www.rosewoodmachine.com

C.N.C. VERTICAL MACHINING CENTERS

- 1** Okuma MCV 4020 Standard
- 1** Okuma MCV 4020 w/ 4th axis and High Pressure Coolant
- 1** Okuma-Model MC5VA with OSP5000 N-G Control. 20" x 51" table size, 20" Y Axis Travel, 41" X Axis Travel, 22" Z Axis Travel. Equipped with SMW Indexer (16" Swing)
- 4** Okuma-Model MC4V with OSP M-G Control. 20" x 39" table size, 16" Y Axis Travel, 25" X Axis Travel, 17" Z Axis Travel. Equipped with SMW Indexer (10" Swing)
- 1** Okuma-Model MC60VA with OSP5000 N-G Control. 24.8" Y Axis Travel, 59.05" X Axis Travel, 24" Z Axis Travel. Equipped with SMW Indexer (20" Swing)
- 6** Chiron FZ12 Magnum with Fanuc Control-High Speed Production. 21" X Axis Travel, 12" Y Axis Travel, 11" Z Axis Travel
- 1** Chiron DZ12WM WITH Fanuc Control High Speed Production Dual Spindle. 12" X Axis Travel, 12" Y Axis Travel, 11" Z Axis Travel
- 1** Chiron FZ12 Magnum with Fanuc Control-High Speed Production. 21" X Axis Travel, 12" Y Axis Travel, 11" Z Axis Travel with (2) SMW 6" Programmable Indexers
- 2** Chiron FZ15W Magnum with Fanuc Control High Speed Production. 21" X Axis Travel, 12" Y Axis Travel, 11" Z Axis Travel
- 4** SMW Indexers - RT160 Accusmart55 Controls
- 1** SMW Indexer - RT250 Accusmart55 Controls
- 1** SMW Indexer - RT300 Accusmart55 Controls
- 1** SMW Indexer - RT400 Accusmart55 Controls
- 1** A-One Bridgeport - Type 2 axis mill with Accu-Rite Control

C.N.C. HORIZONTAL MACHINING CENTERS

- 1** Okuma-Model MX-60HB with (2) Pallet 36" Tables. 39.37" X Axis Travel, 31.50" Y Axis Travel, 31.89" Z Axis Travel

HORIZONTAL BORING MILL

- 1** Kuraki Horizontal Boring Mill Model KBT-11WDX with ATC (X = 78.74") (Y=59.06" (Z= 57.09") (W= 25.59") Max Load 13,860 lbs.

C.N.C. LATHES

- 1** Okuma LU35M with Live Tooling (21" Dia. X 60" Length)
- 1** Okuma-Model LH35N with Okuma Control (26" Dia. X 58")
- 2** Okuma-Model LCN-8C Big Bore Cadet (10" Dia. X 19.69") Equipped w/LNS Bar Feeder
- 1** Okuma-Model LCN-8C Big Bore Cadet (10" Dia. X 19.69")
- 1** Okuma- Model LCN-8C Standard Bore
- 1** Accu-Turn Upgrade Tech (6" Dia. X 12") GT-27
- 1** Okuma L1420 (15" Dia. X 50")
- 2** Okuma Captain L370 with Live Tooling. 15" Dia. X 24" Long w/ LNS Servo S2 Automatic Bar Feeder
- 3** Okuma E-Series (No Bar Feed) ES-L8. 8" Chuck - 10.6" Max x 19.68" length
- 1** Okuma Captain L370 (14" Dia. X 19" Long)
- 1** Mori-Seki Model TL-40-3000 (24" x 105")

CONVENTIONAL MILLS

- 3** Bridgeport type mills: Seiki XL with digital readouts
- 2** Bridgeport type mills: Siber Hegner Model RB1 with digital readouts
- 4** Bridgeport mills with digital readouts
- 2** #4 CM Kearny & trecker Vertical Mill - 42" Table Travel
- 1** #4 Kearney & Trecker Horizontal Mill - 48" Table Travel
- 1** #2 Kearney & Trecker Horizontal Mill - 30" Table Travel

CONVENTIONAL LATHES

- 1** Monarch Model CN Engine Lathe: 36" x 72" centers with DRO
- 1** Monarch Series 60 Engine Lathe: 20" x 22.5" x 72" centers with DRO
- 1** Supreme Engine Lathe (metric/inches) Engine Lathe with DRO
- 1** Monarch Series 62 Engine Lathe 24" x 150" with DRO

WIRE EDM MACHINES

- 1 ONA Model AE-400 Wire E.D.M Machine
25" X Axis Travel, 17" Z Axis Travel.

FABRICATION EQUIPMENT

- 1 Acorn Table (5' x 8')
- 2 Amada Automatic Cut-off Saw. Capacity 12" (W) x 7" (W) x 10" (H)
- 1 Cosun Saw (12" Dia. Capacity, Automatic)
- 1 Precision Tungsten Grinder
- 1 Ellis Gravity Feed Band Saw Model 3000. Capacity 13" OD, @45 Deg./19" OD @ OD @ 90 Deg.
- 1 Ellis Belt Grinder Model 6000-1HP 2-1/2" x 60" Belt
- 1 10 Gage x 50" Power Bending Roll
- 1 Delta Bench Press
- 1 Rockwell Variable speed Power Feed Drill Press - Floor Model
- 1 DoAll 36" Vertical Band Saw
- 1 12" Cutoff Saw
- 1 6' VB Brothers Finger Brake Press
- 1 52", 16 Gage Tensmith Shear
- 1 Miller 200 amp Mig Welder
- 1 Hobart 500 amp Welder
- 1 Lincoln 300 amp Mig Welder
- 1 Lincoln 250 amp Tig Welder
- 1 Lincoln 2007 Tig 300 amp Welder
- 1 4000# Pneumatic Forklift (Hyster)
- 1 4' x 8' x 1" Weld Table
- 1 50 Ton Hydraulic Iron Worker. 7" throat, 1" Diameter punch in 5/8 plate. 3" x 3" x 3/8"
- 1 Angle Shear, Break Attachment

BALANCING

- 1 BalanStar Vertical Balancer with Drill Press

GRINDERS

- 1 Model No. 3 Moore Jig Grinder 12 x 18 Table
- 1 Cincinnati Universal External Grinder (14" x 72")
- 1 Ecotech SMTW Autocycling External Universal Grinder with Marposs S500 sizing Equip. (12 x 60") with DRO
- 1 10" Rotogrind, Roto-Technology Inc.
- 1 23" 72A Heald Internal Grinders
- 1 16" x 48" Thompson Surface Grinder with 42" Magnetic Chuck
- 3 6" X 18" Surface Grinders (Manual)
- 1 J & S Radius Dresser
- 2 Model MBB-1660 Sunnen Hone - Bores from .060 to 6.500 Dia. X approx. 8" Long
- 1 Heald 273A - 16" Dia. - 30" Travel
- 1 Chevalier 12 x 24 Surface Grinder

MISCELLANEOUS EQUIPMENT

- 1 Meta-lax Vibratory Stress Relief System
- 1 Morrison 1-1/4" keyseater, 9" Stroke up to 1-1/4" keys
- 2 18" Rotary Table
- 2 8" Hartford Chucks
- 1 Index Head with 5-C Collets
- 2 6" Belt Sanders
- 1 American Tryway Vertical Broach. 24" Stroke
- 1 Horizontal Hydraulic Broach
- 2 Airco Acetylene Welder, Torch
- 3 (2) Stage Compressors. 7-1/2 hp, 120 gal. Tank
- 1 27 CFM/ 10 HP, 120 gal. Tank, 35 CFM
- 1 Minuteman Broach Set (Metric & English)
- 1 Famco 3 Ton Arbor Press
- 1 10 Ton Hydraulic Press
- 1 Set Rigid Pipe Dies. 1/8 to 1-1/2 with Ratchet Handle
- 1 Cabinet Bead Blaster
- 1 Parts Washer - Power, Heated Pressure Washer, 26" Dia. Turntable, 32" High
- 1 Parts Tumbler for Deburring
- 1 Electro Arc Tap Disintegration Machine - Model 25

INSPECTION EQUIPMENT

- 2 Coordinate Measurement Machine (CMM)
Brown & Sharp Reflex (X= 14", Y=16", Z=12")
- 1 Coordinate Measurement Machine (CMM), (CNC)
Brown & Sharp XCEL Model 122010 X = 47", Y = 78", Z = 40"
- 1 Optical Comparator, 14" Deltronic DH214 w/MPC-5 CNC Control
- 1 Hardness Tester, Rockwell Type, Wilson Shadow Gage
Sheffield Model 500
- 1 Profilometer, Portable Electronic, Federal
- 1 Comparison Gage, GAR
- 1 Surface Plate. 30" x 30" x 5", Gray Granite
- 1 Surface Plate. 18" x 24" x 3", Pink Granite
- 1 Height Gage. 24" with DRO
- 3 Precision Gage Block Sets. (.05 to 4.0)
- 9 Dial Test Indicator (Mitutoya, Federal)
- 2 Precision Angle Plates, 8"
- 2 Precision Angle Plates, 6"
- 3 "V" Block Sets (Misc. Sizes)
- 1 486 computer with SQC Pack 5.5
- 9 Federal Profilometer
- 2 Sine Plate, 12"
- 3 Machinist Squares, 12"
- 1 Machinist Square, 5"
- 1 Set Radius Gage. (.015" to .05" Radius)
- 1 Mitutoya Ceramic Gage Blocks (Inspection Only)
- 1 Mitutoya Digital Height Gage. 18"
- 1 Sylvac Electronic Height Gage. 12"

Micrometers

- 1 Flat, 0 - 18"
- 1 Flat, 0 - 100mm
- 1 Blade, 2" - 3"
- 1 Set Thread, 0 - 3"
- 1 Three Point, 0.93" - 1.0"
- 1 Depth, 0 - 3"
- 1 Groove Width, 0 - 1"
- 1 Set Micrometer Standards 1" - 17"

Diameter, Length Measurement

- 1 Vernier, 0 - 48"
- 1 Vernier, 0 - 24"
- 1 Dial Caliper, 0 - 12"
- 1 Set "Snap" Gage, 25" - 60"

Dial Type Measuring Equipment

- 1 Caliper, OD/ID 0 - 12"
- 1 Caliper, OD/ID 0 - 150mm
- 1 Depth Gage, 0 - 3"
- 1 Bridge Gage, OD/ID 4" - 10"
- 1 Chamfer Gage, 82" x 0 - 1.0"

Bore Gages

- 1 Mitutoya Dial Bore Gage Set. (.700 - 4.2 Dia.)
- 1 Mitutoya Dial Bore Gage (.44" - 9.4" Dia.)
- 1 Standard Dial Bore Gage (1.5" - 2.15" Dia.)
- 1 Sunnen Dial Bore Gage (2.0" - 6.125" Dia.)
- 1 Sunnen Gage Setting Fixture (0 - 2.000")
- 1 Sunnen Gage Setting Fixture (0 - 6.000")
- 1 Mitutoya Telescoping Gage (.31" - 6.0" Dia.)
- 1 Set Plug Type Go/No Go (.25" - 1.5 Dia.)
- 1 Set Taper Gage with Master (Metric)

Thread Inspection Equipment

- 1 Set Plug Type Go/ No Go (#10 - 1.875)
- 1 Set Ring Type Go/No Go (.312 - 1.25)
- 1 Set Screw Pitch Gage (English)
- 1 Set Screw Pitch Gage (Metric)
- 1 Set Plug Type Go/No Go (Pipe thread up to 1.000 N.P.T.)
- 2 Sine Plate, 12"
- 3 Machinist Squares, 12"
- 1 Machinist Square, 5"
- 1 Set Radius Gage. (.015" to .05" Radius)
- 1 Mitutoya Ceramic Gage Blocks (Inspection Only)
- 1 Mitutoya Digital Height Gage. 18"
- 1 Sylvac Electronic Height Gage. 12"

PROGRAMMING

- 1** Mastercam 3D Solids Version X Programming Software (Mill, Lathe, & Wire) File Import Formats are STEP, IGES, SAT, and DWG. Internet access for fast file transfer. Also we maintain our own FTP site for customer convenience.
- 1** Work stations equipped with Multi-DNC Software & all CNC Machines are networked
- 1** Networked CAM Station Pentium 4, Windows 2000 Server
- 1** Metacut Utilities Ver. 3.08 for backplotting and verifying NC Codes
- 1** Sony Digital Camera (Photo Records of set-ups & Fixturing)
- 1** Cimco Editor Ver. 4.31.21 for programming edits

ENGINEERING

- 2** AutoDesk Inventor 9.0 Seats
- 1** x86 Workstation, 1 G.B. MHZ Processor, 785.0 MB Ram, 28 GB Hard Drive, Windows NT Format, 19" View Sonic Monitor
HP CD Writer/Recorder, 40c CD Drive, 250 MB Zip Drive
- 2** Dell Dimension Workstation 500.0 MHZ Processor, 256.0 MB Ram
8 GB Hard Drive, Windows NT 4.0 Format,
28x CD Drive, 250 MB Zip Drive, 19" View Sonic Monitor
- Dell Dimension Workstation 500 MHZ Processor, 128.0 MB Ram,
26 GB Hard Drive, Windows 98 Format, 28X CD Drive, 17" Dell Monitor
- 1** Dell M60 Workstation (Laptop)
- 1** HP DeskJet 895Csc Color Printers (A-Size)
- 1** HP DeskJet 694C Color Printer (A-Size)
- 2** HP Design Jet 800 Color Printer (A-E Size)
- 1** ACAD Mechanical Desktop Release 5.0 Power Pack
1 with IGES and Step Translator
- 1** Ricoh Copier Model FW770 (A-E Size)
Sharp Copier Model SF-2120 (A-B Size)

MATERIAL HANDLING EQUIPMENT

- 1** Hyster Forklift
- 1** Hyster Forklift, 18,000 lbs., Pneumatic Tires
- 1** Hyster Forklift, 4,000 lbs., Pneumatic Tires
- 1** Towmotor Forklift, 4,000 lbs., Pneumatic Tires
- 1** Crown Forklift, 6,000 lbs., Electric
- 1** Hyster Forklift, 4000 lbs., Electric
- 1** Hyster Forklift, 4000 lbs., Prop./Pneumatic
- 2** Jib Crane, 500 lbs.
- 6** Jib Crane, 1,000 lbs.
- 2** Jib Crane, 2,000 lbs.
- 1** 1989 Ford 1/2 Ton Pick-Up Truck
- 1** 1991 Ford Van (Extended)
- 1** 1995 Ford 2-1/2 Ton, Single Axle Box Truck
- 1** 1996 Ford 1-1/2 Ton, Single Axle Stake Bed
- 1** 2003 Ford 1 Ton, (Extended) Van
- 2** Steel Banding Set (1/2")
- 1** Automatic Stretch Wrap Machine
- 1** Electric Forklift

***Please note that this list is an accounting of our equipment as of 01/09/08,
since we are continually adding to the list our newer additions may not be shown.***