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Quality CNC & Manual Machinery since 1979



NEW MACHINERY DIVISION - SALES & SERVICE - CALL FOR QUOTES AUTHORIZED DEALERS FOR THE FOLLOWING:

TAKISAWA TAIWAN - Turning Centers & Vertical Lathes
ACER, ACRA, SHARP, FEMCO & CHEVALIER CNC VMC's & Lathes
VICTOR, ACRA, BIRMINGHAM & COLCHESTER Engine Lathes
CHEVALIER, KENT, SUPERTEC, ACER & CLAUSING Grinders
SHARP, CHMER & GROMAX EDM's
HWACHEON, ACER, and KENT ENGINE Lathes
HYDMECH, ACRA & CLAUSING Bandsaws
ACRA, COLCHESTER, ACER, VICTOR, KENT Comb. CNC Lathes
HELMEL CMM'S
CUBIC, - CNC Swiss Turn & Gang Tool Lathes
LK HIGH SPEED- Drill/Mill/Tap Centers, VMC's, HMC'S

YAMA SEIKI/AWEA — VMC's, Bridge Mills, 5 Axis VMC
CLAUSING Drills, Saws, Lathes, Mills, CNC Lathes
PROTOTRAK, ACU-RITE & FAGOR CNC Retrofits
SHARP, ACRA, ACER & KENT Vertical Mills & CNC Mills
NEWALL, ACU-RITE, FAGOR DRO'S
OMNI-TURN & CUBIC Mini CNC Lathes & Gang Tool
ACER VMC's & CNC Bed Mills, Knee Mills & Lathes
DURMA, ERMAK, ACRA, B'HAM, BAILEIGH, EDWARDS Fab Machines
KURAKI, FEMCO, YAMA SEIKI, CHEVALIER - CNC Horiz. Boring Mills
KENT — Mills, Lathes, VMC'S, Grinders, CNCs

USED MACHINERY DIVISION - CURRENT INVENTORY

VERTICAL MACHINING CNTRS

"New" **CHEVALIER EM-2040**, 40"x20" travels, 10K RPM, CAT-40, 24 Arm ATC, Fanuc OiMD, Big Plus spindle Chip Auger \$59,900
"New" **CHEVALIER EM-1620**, 20"x16" Travels, 10K RPM, CAT-40, 20 Arm ATC, Fanuc OiMD, Chip auger. \$42,500
"New" **CHEVALIER QP5X-400 5 AXIS**, 12" Trunnion Rotary, 12K RPM, 4 + 1 FANUC, Chip conveyor, CTS & more..... \$128,500.

AKIRA SEIKI RMV 500 APC Super Fast Compact VMC w/180 Degree Pallet Change, 15,000 RPM, 24 ARM ATC, Mitsubishi CNC..... **CALL**
FADAL VMC-4020HT w/ 4th Axis, 40"x20" Trvs, 10K RPM, 20 ATC, 6" Fadal 4th axis rotary. 1999.\$27,900
FANUC ROBODRILL Alpha T14iAL, 28" x 15" Travels, 15K RPM, BT-30, 14 ATC, Fanuc 16iM, Mist collector. Yr 2000.\$34,900.

HAAS VF-1, 20x16, 20 ATC, 7500 RPM, CT-40, Geared, Super Clean\$13,900
HAAS 6" 4th Axis Rotary table with control and Tailstock. Red.\$3,995.
HAAS 8" 4th axis rotary table. white paint.\$3,750.

NEW LK TC-510 Drill/Mill Tap Center, 12K, 14ATC, 16x20 Travels..... \$45,900
MORI SEIK MB-16 BRIDGE MILL, 110"x86"x39" Travels, CAT-50, 3K RPM, chip conveyor, 120 ATC, Fanuc. 1993.Call.
YAMA SEIKI VMB-1020, 41"x23" Travels, Box Ways, 8K RPM, 2 Spd Gear Box, 24 ATC, Fanuc OiMD, Chip conveyor, Rigid Tap. Yr 2010..... **Call**.

New Yama Seiki VMC's - Stock Specials!



YAMA SEIKI AV-1060 High Speed VMC, 40"x23" Travels, 15K RPM DIRECT DRIVE SPINDLE, 40 Taper, 36 Arm type Tool Changer, Spindle Chiller, Chip Augers, FANUC OiMD, Rigid Tapping, CTS Prep, 4th Axis Ready, MPG Handwheel, Stock Promotion**Call**.

YAMA SEIKI BM-2100, 80"x40"x31" Travels, 50 Taper, Box Ways, 6K RPM – 2 Spd Gear Box, 30 Arm ATC, 35HP, Fanuc Oi-MD.....**Call**
YAMA SEIKI / AWEA SP-3016 Bridge Mill, 120" x 63" Travels, 50T, 6K RPM, 2 Spd Gear Box, 60 ATC, Coolant Thru Spindle, Fanuc 18i-MB. ..**Stock Deal**.

HORIZ MACHINING CENTERS

"NEW" **AVEREX** Highest Quality HMC, 16", 20", 24" Twin Pallet or Multi-Pallet, 15,000 RPM, Fanuc, Super Pricing.....**Call**

TOSHIBA BMC-100E, 39"x39" Pallets, 78"x49"x55" Travels, CAT-50, 5K RPM, 1 Degree, Tosnuc 800 control, 60 ATC. Yr 1995.**Call**.

"New" **YAMA SEIKI AH-630**, 24" Twin Pallet, CAT-50, 40"x35"x35" Travels, Fanuc 31iMB High Speed Control, Full 4th, 60 ATC, 1890 IPM Rapids, 1000 PSI CTS, Big Plus Spindle. Choice of 10K RPM Direct Drive or 6K RPM w/ 2 Speed Gear Box.**Stock Specials**.

CNC LATHES

CHEVALIER FCL-1028, 10" CHUCK, 3" BAR, 10 Turret, Fanuc Control, Tailstock, Chip Conveyor. 2004. \$17,500
EMCO MAIER Table Top Lathes for Schools, Fanuc OT-Super 2000..... \$3,995

"New" **FEMCO HL-25E**, 8" Chuck, 2" Bar, 12 Station Servo Turret, Pts Catcher, Auto Tool Setter, Chip Conveyor, 4800 RPM, 1417 IPM Rapids, Fanuc OiTC.....**Call**
Also in Stock with 23 Station Durga Turret.....**Call**

2009 HAAS HPCL Toolroom lathe, Dorian AXA, 4" 3 jaw, 5C Collets, flood coolant, tailstock, rear splashguard, quick code, 5C lever collet closer, 3K RPM, 5HP, Run 1 or 3 phase power. Excellent condition - very low hours....**POR**.
HARDINGE GT-27SP, Super Precision, Gang slide, Fanuc 18i-T, 6K RPM, 5C Collet chuck, 1999.....\$14,900
HARDINGE CHNC-I w/ Fanuc OT, 16C Collet Chuck, 8 Sta. turret, 5K RPM, cut off slide, parts catcher. 1990.\$8,900
"New" **HONOR SEIKI** Vertical lathes and boring m ills with live tooling.....**Call**.

MIGHTY VIPER VT-33BL, 15" Chuck, 4.5" Bar, 12 Turret Box Ways, 41" Centers, Chip Conveyor, Siemens 810D control. Yr 2009.....\$49,900

New TAKISAWA, CNC Lathes in Stock

"New" **TAKISAWA NEX-105**, 5C or 16C Collet Chuck, 1.65" Bar, 12 Turret, Chip Conveyor, Tailstock Option, Fanuc Oi control.....\$44,900
"New" **TAKISAWA NEX-108**, 8" Chuck, 2.5" Bar, 12 Turret, Tailstock, Chip Conveyor, Fanuc Oi-TD. Showroom Stock.....**Call**
"New" **TAKISAWA NEX-110**, 10" Chuck, 3" Bar, 2 Spd Gear Box Spindle, 12 Turret, Tailstock, Chip Conveyor, Fanuc Oi-TD.....**Call**.
"New" **TAKISAWA LA-250YS**, Box Ways, Live Tool, Y Axis, Sub Spindle, 10" Chuck on Main, 8" on Sub, Fanuc Control.....**Call**.

CNC KNEE & BED MILLS

WANTED - Knee & Bed Mills with ProtoTRAK, Acu-Rite MillPWR, Hurco CNC 2 and 3 Axis Controls.**Call**.

ATRUMP CNC BED MILL B6FC with CENTROID M-40 control, Box Ways, 4HP, 40 Taper, Variable speed, 11"x52" table, 4K RPM, Yr 1996.\$14,900.
"New" **CNC 2 & 3 Axis** Mills, ProtoTRAK, Fagor or Acu-Rite Millpower, Low Prices**From \$18,995**

EMCO MAIER Table Top Mills w/Fanuc OM For Schools, Nice, 2000..... \$3,995

SERVO SAM 5 Bed Mill, 36"x20" Travels, 5HP, 40 Taper, Programmable spindle speeds, Yr 2000.\$14,900.

MANUAL MILLING & BORING

ACRA AM-2V, Step Pulley Head with 16 speeds, 2HP, R8, Newall DRO, 9"x42" Table, Chrome ways. \$1990.....\$2,950
"New" **ACRA AM-3V**, 12"x54" Table, heavy duty, 3HP, Variable speed, R-8, DRO & X axis power feed.....\$9,995
"New" **ACRA AM-2V**, 9"x48" Table, 3HP, Variable Speed, R-8, Power Feed, DRO, Vise, Clamp Kit, Collet Set.....\$8,950.
New **ACRA LCM-50** Premium mill, 9"x50" Table, DVS 3HP VSPD, R-8, Chrome Ways, one shot lube, Newall DRO & X Power Feed.\$11,995
"New" **ACER 3VS**, 9" x 42" Electronic Head, R8, 3 HP, Newall DRO, Power Feed\$10,995
BRIDGEPORT VSPD, 9 x 42, Newall DRO, Pwr Fd, Chrome, New Paint\$5500
BRIDGEPORT 2HP VSPD, 9 x 42, Chrome Acurite DRO, Pwr Feed.....\$5,200
SHARP LMV 3HD VSPD, 9x42 Chrome, Acurite, DRO, Servo Feed.....\$5,500
"NEW" **SHARP TMV**, 10 x 50, Box Ways, Newall DRO, Pwr Fd, 3HP VSPD **Call**
SUPERMAX Knee Mill, Step Pulley head, R-8, 9"x42" Table, servo x power feed, 1982.....**Call**.

New ■ Used ■ Appraisals ■ Liquidations

SUPERMAX Knee Mill, 9"x42" Table, R-8 Spindle, DRO Variable Speed Head,\$3,995

LATHES - MANUAL

"New" **ACRA 1740TE**, 3" Bore, 8" 3 Jaw chk, 10" 4 jaw, steady rest, follow rest, Newall DRO, CA Quick change tool post.Call.
 "New" **ACRA 618EVS** Super Precision Toolroom Lathe, Newall DRO, Aloris Toolpost & more\$28,500
 "New" **ACRA 1440GW** Lathe, Fully Toolled Includes DRO, Aloris, Cast Base\$9,695
 "New" **ACRA 1440** GSM Lathe package with 3J, 4J, SR, FR, Splash guard, foot brake, coolant.\$5,495
HARDINGE HC CHUCKER, 4" 3 Jaw chuck, 5C collets, 1.5HP, 220V, 3 phase.\$4,500.

LEVIN Table Top High Precision Lathes, VSPD, Collets, Turret & Cross Slide, Mounted on Table-SeveralCall

RAMCO / FEELER DSM-59 Hand Turret Lathe\$2,995.
RAMBOLD 2nd Op Lathe w/Collet Closer & Collets\$995
 "New" **SHARP 1340VS**, variable speed, 6" 3 Jaw chuck, steady rest and more.\$11,500.
RAMCO TK380, 15 x 32, 8" 3J, 5C Collet, Aloris, Live Center, Drill Chuck, 1985.....\$4400
TAKISAWA TSL-1000D, 15"x40", 12 speeds, 8" 3 Jaw chuck, 5C collet closer, Aloris quick change tool post. 1989. Cleaned and painted\$4,495.
VICTOR S2060G 20x60 Gap Bed, 12" 3 Jaw, QC Tooling Splash\$8,950
WEBB/WHACHEON 1740G, Mori Seiki Designs, 10" 3 Jaw, Travadial, Aloris QC Tooling, Rear Splash ...\$6,750

GRINDING/LAPPING/HONING

BOYAR SCHULTZ H612 Manual Surface Grinder w/612 Perm. Mag Chuck\$1,500
CARBIDE TOOL GRINDER on PEDESTAL - BALDOR TYPE.\$350.

CHEVALIER ACCUGRIND 612SP, Super Precision Surface Grinder, Micro Downfeed, Acu-Rite 2 Axis DRO, 2HP, OS Walker fine pole 6"x12" Perm Mag Chuck. 2010.\$9,950

HARIG 618 AUTOSTEP, surface / slicer grinder with PLC downfeed, coolant, fine pole chuck. Yr 2005.\$8,995.
KO LEE Tool & Cutter grinder, loaded with accessories including motorized workhead. excellent.\$5,950
MYFORD MG-12M Cylindrical, 5"x12", Manual operation, cleaned, cycled, painted.\$4,995.
 New **SUPERTEC DW-618-CXII** 6 x 18 Auto Slicer/Surface Grinder w/Coolant & Mag. Chuck, Touch Screen FLC Control, Creep Feed.\$29,990
STRASBAUGH 6BK, 16" Single Side Lapper / Poli4sher - 1988.\$2,495

PRESSES & FABRICATION

AIR Hydraulics C500A 15 Ton Air/Hyd, "C-Frame Press, Dual Buttons, Like New\$5,995
BENCHMASTER 10 Ton OBI press, OSHA controls. like new. 1998.\$5,995
DAKE F10, 10 Ton H Frame Press, Like New\$395
 "New" **ERMAK**: Highest Quality Lasers, Shears, Brakes, Turret Punches, Ironworkers.Call for quotes.
WABASH 30 TON Molding press with heated platens, 15"x15" between the rods.\$4,950.

SAWS

"New" **ACRA 7"x12"** horizontal saw with coolant, 4 speeds, 1HP.\$1,395.
 "New" **ACRA KB-36**, 14" Vertical Saw, Blade Welder, Variable Speed.....\$3,695.
 "New" **ACRA KV-50** Vertical Bandsaw, 20", Blade Welder, 2HP Variable Speed Plus 2 Range.....\$5,995
 "New" **ACRA RF-1018V** VSPD, Horizontal, 10", coolant, Industrial Quality.\$3,995

CONNECTICUT 24" Vertical Bandsaw, 60-6300 SFRM VSPD. Excellent\$2,900

DAKE TRADEMASTER, Vertical, 20" Capacity, power feed & tilt table, 1.5HP, 1" Blade, 500 FPM variable speed, work light, made in USA. 2010. ...\$5,495
HYD-MECH H-20A, Automatic Horizontal Saw, 20" Capacity, Bundle Cutting, chip auger, 2" blade, PLC control, 1995.\$18,900.
 "New" **HYD-MECH DM-10** Double Mitre horizontal saw, 10" capacity, quick vise, coolant.\$7,200.
 "New" **HYD-MECH H-230A**, full automatic horiz saw, 9" Capacity, 3HP variable speed, chip auger. ...\$24,900.

INSPECTION/QUALITY SURFACE PLATES

STARRETT 12"x18"x4", Grade A.\$150.
RANN 24"x36"x6", stand, Grade A.\$750.
Grade B 24"x36"x4".\$395.
Precision 18"x24"x3"\$200.
Precision granite surface plate, 24"x36"x6", Grade A with Stand.\$595.
Standridge 24"x36"x4", Grade AA.\$450.
43"x52"x9" with holes\$600.
DoAll 20"x30"x5", Grade A.\$395.
BAUSCH & LOMB Stereo Zoom Microscope on Boom Stand\$375
BAUSCH & LOMB Stereo zoom microscope w/ Heinz 2x6 Stage, Light source, micrometer dials.\$995
BROWN & SHARP MicroVal CMM, 12"x18"x12", PC computer, software, renishaw probe.CALL
 "NEW" **HELMEL** CMM'sCALL
DEA Swift CMM w/16" x 20" x 12" Capacity, Ready for Upgrade.....\$500
GAGE MASTER 12" Optical Comparator, Horiz Projection, 10X Lens, Metrology DRO, Excellent\$1,995

MITUTOYO BH-305, Manual CMM, 20 x 12, Renishaw Index Probe, Stand, Computer, Printer, 1996, Good,CALL
MITUTOYO 10x Toolmakers microscope w/ 2.5"x4" Stage travels, illuminators.\$1,200
MITUTOYO QUICK Vision Marlin QV-404 Video Inspection Machine, 16"x16"x10" Travels, 1x Lens, Stand, Computer, Updated software. 1998.\$12,900.

NIKON V-12 Vertical Profile Projector, 12" Screen, 5x, 20x, 50x Lenses in Turret, 4"x2" Stage Travels, Metrology Computer.\$4,900

STARRETT Digi Chek 12" Height Master w/Staggered Blocks\$650
STARRETT 752A 12" Digital Height Stand.....\$100
STARRETT HGDC 2018-16, DCC CMM, 20 x 18 x 16, Renishaw PH10T Indexing Probe, Air Bearing, 2002 Call

DRILLING/TAP

ACRA MDP-435V, 2 HP VSPD, Pwr Downfeed, 4MTLike New\$1,995
 "New" **ACRA MDP-435V**, 2HP Heavy Duty variable speed, floor drill, 4MT, power down feed, drill chuck.\$2,995.
 "New" **ACRA MDP-432V**, 3/4HP heavy duty VS floor drill\$2695.
CLAUSING floor drill, 2HP, variable speed,\$750.

BAR FEEDERS

IEMCA VIP CNC 70 Magazine Style Short Bar Loader, '97 Good\$2,000

TOOLING & MISC

KURT D-675 VISES - like new\$300 each.
HUSKY 3HP Air compressor with 30 Gallon vertical tank and wheels. like new.\$440.

Hardinge 16C Collets - 21 piece set\$450.
OS WALKER 612 Ceramax permanent magnetic chuck. Like new.\$750.
OS WALKER 1224 Fine Pole electromagnetick chuck\$995.
 Semi-Auto threading attachment for Hardinge HC Chucker.\$400.

12 x 6 Double Sine Plate.....\$395
ATLAS COPCO SF4FF 5HP Compressor, 80 Gal Tank, Arrow Drier, 4,000 Hours., 2008.....\$3,995
6 x 12 Fine Pole Electro Magnetic Chuck.....\$695
BT-35 & BT-40 Toolholders CALL
CT-50 END MILL Holders - Good Selection.\$90.each
ENCO 6 Station Bed Turret - Fits 12"-15" Lathe\$995
FETTE 10" Face Mill w/ Hi Shear Carbide Inserts - New. \$400
FANUC & Mitsubishi Control, Motors, Monitor, Boards. Call
CAMWORKS 2007 BY Teksoft - complete Mill & Turn Package.\$995
HAAS Servo Programmable Control. New in Box. 2007. \$1,995
8" KITAGAWA B-208 Power Chuck\$995
LATHE CHUCKS-Great Selection New/Used.....CALL
MARPOSS T-60 Tool Part Probe with BT-40 Shank.\$1,495
MILL HEADS 3HP Variable Speed, R-8, New & RebuiltFrom \$1,895
NAREX 4-In. Boring Head Kit For Bridgeport, Auto Feed Out. Like New\$795
RETENTION Knobs - BT & CT, Various Types.....CALL
ROYAL 16C Collet Chuck, for A-5 Spindle. New.\$800
Royal 16C Collet Chuck, A8, New in Box.\$995
RENISHAW Tool Setter Probe System, Detachable arm style, complete new package includes Mounting Base.\$1,595
TOOL HOLDER-BT,CT,ISO,New/Used.....CALL
Engine Hoist - Like New\$350
Newport 2'x2' Optical table - For Optical Experiments...\$450
6 x 12 MAGNA-LOCK Fine Pole Electro Magnetic Chuck.....\$695
 Face Mills-Good Selection 2"-4" w/Carbide Inserts Call
PHILMORE ST-2000 440/220 Step Up/Down Transformer-New\$80
SMW 8" 3 Jaw Power Chuck, Quick jaw change style, A6 Mount.\$1895
RADIUS Dresser for surface grinder - new in box.\$495
GRIEVE NB-350 Oven, 450 F Max w/Timer, 27" x 18" x 24"\$995
TROYKE 15" Horizontal Rotary Table.\$595
KWIK Switch 200 Tool Assortment - 1 piece or lot. Call.
AMES Hardness Tester Model 1- portable. like new ...\$750
SQUARD 75KVA Transformer - 480/208, 3 Phase....\$950
TECNARA Right Angle Head, BT-40 Shank, ER-16 Collet Nose.....\$1995
Risers for Mills.....CALL
NEW 8 x 18 Electromagnetic Medium Pole Chuck \$1,800
TEMCO 7000-55, 75 HP Rotary Phase Converter, Like New\$2,995
ULTRA MATIC, Vibratory deburring machine, 28"x15", with media.\$995
Lagun Right angle head with arbor & arbor support. \$800.
YUASA DMRT Tilt/Rotary Table, 6" Table, No Controller.....Call
ALUP SCK 10HP, Screw type compressor with drier, 2006 low hours.\$3,995.
AIRFLOW systems DC-4 dust collector. 2002. low hours.\$4,995
X-Z Compound Tool Slide for Hardinge DSM-59, Precision Screws.....\$895.

QUINCY 25 HP Screw Type Compressor Mounted on 80 Gallon Tank & Air Dryer System '2000 Good\$5,900

ELECTRO ARC 2DBLPT Metal Disintegrator, 10 KVA, Base Cabinet, Multi-Angle Head Position, Auto Self Feed, Coolant, Nice\$5995

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