

**WE ARE
BUYING
LATE
MODELS
CNC'S!**

PERFORMANCE MACHINE TOOLS, LLC

www.permach.com



Office/Showroom
3305 Edison Way
Fremont, CA 94538

Call (510)249-1000
Fax: (510) 249-9265

Email:sales@permach.com
www.PERMACH.com

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
FEMCO & CHEVALIER CNC VMC's & Lathes
VICTOR, ACRA, BIRMINGHAM & JET Engine Lathes
CHEVALIER, KENT, SUPERTEC, ACER & JAGURA Grinders
SHARP, CHMER & GROMAX EDM's
HWACHEON, ACER, KENT CLAUSING ENGINE Lathes
HYDMECH, ACRA, CLAUSING, WF WELLS & Dake Bandsaws
ACRA, COLCHESTER, FRYER, VICTOR, KENT Flat Bed, CNC Lathes
CUBIC, - CNC Swiss Turn & Gang Tool Lathes
LK HIGH SPEED- Drill/Mill/Tap Centers, VMC's, HMC'S
FEELER, DMC, HONOR SEIKI, AVEREX CNC'S

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

USED MACHINERY DIVISION - CURRENT INVENTORY

VERTICAL MACHINING CNTRS

"New" **CHEVALIER EM-1620**, 20"x16" Travels, 10K RPM, CAT-40, 20 Arm ATC, Fanuc OiMD, Chip auger. **\$54,000**
"New" **CHEVALIER QP5X-400** 5 AXIS, 12" Trunnion Rotary, 12K RPM, 4 + 1 FANUC, Chip conveyor, CTS & more. **\$138,500.**
"New" **CHEVALIER EM-2040L**, 40"x20"x20" Travels, 10K RPM, Big Plus, CAT-40, 24 Arm ATC, Fanuc OiMF, Chip Auger, 20HP, 1417 IPM Rapids. List Price \$69,900. Stock Special..... **\$62,900**
HARDINGE BRIDGEPORT GX-1000BP3 BOX WAY 40x20 VMC, 8K, CT-40, 24 ARM ATC, CHIP CONVEYOR, Fanuc OM - 2006 Excellent. **18,900.**
HWACHEON CUTEX 160, 6" 3 Jaw Chuck, 2" Bar, 12 Turret, Tailstock, Fanuc Oi-TB, 3/16 collet chuck, parts catcher, chip conveyor, MTA Bar Feed. Yr 2005.Call.

MAZAK VTC-20B, 44"x20" Travels, 40 Taper, 8K RPM, 24 ATC, Fusion 640M control, Rigid Tap, Moving column, Yr 1998. **\$19,500.**
MAZAK VCN-510C-II SAX, 41"x20" trivis, 5 Axis Trunion, 12K RPM, 30 ATC, CAT-40, Renishaw OMP 60 part probe, Renishaw OTS auto tool setter, CTS, Matrix CNC, Simultaneous 5 axis, Yr 2011. Excellent. 2 Available. **\$79,900**

QUASER UX-600 5 Axis, Heidenhain Control, 24"x16" Tilt Rotary table, 48 ATC, 35"x31"x19" Travels. Full 5 simultaneous. Yr 2010. **Call.**
SUPERMAX FV-56A, 22"x16"x18" Travels, 10K RPM, BT-40, 20 Arm ATC, CAT-40, Fanuc 18M. Yr 2000. **\$7,900.**
SUPERMAX FV-102A, 40"x20" Travels, 10K RPM, CAT-40, 24 ATC, Fanuc 18M, Rigid Tap, Chip Auger, Chiller. Yr 2000. **\$8,900.**

New Yama Seiki VMC's - Stock Specials!



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.**

YAMA SEIKI AF-1060 High Speed VMC, 40"x23" Travels, 15K RPM DIRECT DRIVE SPINDLE, 40 Taper, 36 Arm type Tool Changer, Spindle Chiller, Chip Augers, FANUC OiMF, Rigid Tapping, CTS Prep, 4th Axis Ready, MPG Handwheel, Free Chip Conveyor **Call.**
YAMA SEIKI VMB-850, 33"x23" Travels, 8K RPM, 2 Spd Gear Box, 24 ATC, BT-40, Fanuc OM, Chip Conveyor, Box Ways. Yr 2007. **\$24,500.**
"New" **YAMA SEIKI AV-1000**, 41"x21" Travels, 10K RPM, 24 ATC, Chiller, Auger, Rigid Tap, Fanuc Control. **\$79,900.**

HORIZ MACHINING CENTERS

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

MAKINO A-55 16X16 PALLETS - LIKE NEW - 4 AVAILABLE 1995. **EA**
TOSHIBA BMC-100e, 40"x40" Twin Pallets, 78"x49"x47" Travels, 5K RPM, CAT-50, 60 ATC, Tosnuc 800 Control. 1995. **Call.**
"New" **TOSHIBA** Large Capacity Horizontals - 800 & 1000mm. **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

EMCO MAIER, PC Turn 55, Table Top Lathes for Schools, Fanuc OT-Super 2000..... **\$2,995**
HAAS ST-30, 10" Chuck, 3" Bar, 12 Turret, Tailstock, Tool setter, Rigid Tap, intuitive programming, Yr 2012. **\$38,500.**
HAAS SERVO 300 BARFEEDS - LOW HOURS - 2004 & 2008..... **\$2,500**
LNS Quick Load SERVO 65 Bar Loader. Excellent condition. **\$4,500.**
New DMC DL-6 Gang Tool Chucker, Fanuc OT, 6000 RPM, Chip Conveyor..... **\$49,900**
"New" **HONOR SEIKI** Vertical lathes and boring mills with live tooling **Call.**
NEW Turning Centers, Takisawa, Chevalier, DMC, Feeler, All Sizes and Levels of Capabilities **Call**

"New" **VERTICAL LATHES** by: **TOSHIBA, TAKISAWA, HONOR SEIKI, FEMCO & CHEVALIER**, All sizes available, Live Tooling & More. **Call.**
MAZAK QT-250, 8" Chuck, 2" Bar, 20HP, 12 Turret, 4K RPM, Tailstock, Fusion 640T Control, Yr 1998. **\$19,500.**

NOMURA NN-32YB2-XB, cnc SWISS, 32mm (1.25"), 33 Tools, B axis, Mits M70VS control, Lexair Rhino bar feed, NSK high speed spindles, parts catcher, chip conveyor, Year 2015. **\$139,900.**
NOMURA NN-20 UB8 20 MM CNC SWISS, 17 TOOLS, MITS M70A CNC, SUB-SPINDLE, MTA 8" BAR FEED - 2016 LIKE NEW. **39,900. EA.**

New TAKISAWA, CNC Lathes in Stock

TAKISAWA NEX-110, 10" Chuck, 3" Bar, 2 Spd Gear Box Spindle, 12 Turret, Tailstock, Chip Conveyor, Fanuc Oi-TD..... **Call.**
TAKISAWA LA-250YS, Box Ways, Live Tool, Y Axis, Sub Spindle, 10" Chuck on Main, 8" on Sub, Fanuc Control, 15 Turret..... **Call.**
TAKISAWA EX-GALAXY Premium, 8" chuck, 2.5" Bar, 12 Turret, Tailstock MT#5, Chip Conveyor, Fanuc Oi-TF w/ 10.4" Color LCD, 20HP, Tool Pre Setter. Stock Special w/ 3 Year Fanuc Warranty. **CALL**
TAKISAWA NEX-105, Compact and Rigid, 6" 3 Jaw Chuck, 1.7" Bar, 12 Turret, 6000 RPM, Chip Conveyor, Parts Catcher, Tool pre setter, bar feed interface, no tailstock. Stock Special w/ 3 Year Fanuc Warranty. **Call**

CNC KNEE & BED MILLS

ACER Supra ATM-1454 Bed Mill, 14"x54" table, 40"x24"x18" Travels, 40 Taper, FAGOR Control, 5HP AC inverter, Auto power drawbar. Yr 2015. **Call.**
NEW ACER Bed Mills, Fagor, Fanuc, Acu-Rite Controls, Opt ATC From..... **\$29,950**
EMCO MAIER PC Mill 50, Table Top Mills w/Fanuc OM For Schools, Nice, 2000 **\$2,995**
NEW FRYER Bed Mills w/Siemens CNC, All Sizes, Best Quality **CALL**

GANESH GBM 4020 Hvy Duty Bed Mill, Fanuc OiM, 10 HP, 40T, 8K RPM, 41 x 19 Travels, Coolant, 2005 Excellent **\$10,500**

HURCO Hawk 5 SSM Rigid Head Hvy Duty Knee Mill, Ultimax Dual Screen CNC, PDB, 5 HP, 40T, 31" x 14" x 6" Travels, 1997 **\$6,995**

April 2020

New ☆ Used ☆ Appraisals ☆ Liquidations

KENT KTM-3VK W/ CENTROLD 2 AXIS CNC, 10X50 TABLE, POWER DRAW BAR, KNEE FEED, 3HP PROG SPINDLE - 2002 EXCELLENT \$10,900.

SUPERMAX YCM-40 with CENTROID, 3 Axis CNC, 9"x49" table, 40 Taper, Rigid head, M50 Control, Yr 1995 \$5,995.

SOUTH BEND ChipMaster II EVS, ProtoTRAK AGE 2, 2 Axis CNC, Quill DRO, Servo knee feed, R8, Electronic head, Yr 2002 \$7,995.

WANTED - Knee & Bed Mills with EZ Trak, Acu-Rite, Fagor, MillPWR, 2 and 3 Axis Controls Call.

MANUAL MILLING & BORING

NEW ACRA LCM-50 w/Electronic VSPD, 9 x 50 Table, NEWLL DRO, Pwr Fd, Chrome \$12,450

"New" ACER 3VS, 9" x 42" Electronic Head, R8, 3 HP, Newall DRO, Power Feed Call

BRIDGEPORT Mill, 2HP, 9"x42" Table, Acu-Rite 2 axis DRO, Auto power drawbar, X power feed, Quill DRO, Yr 1994 \$8,500

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. Stock \$20,900

"New" ACRA 618EVS Super Precision Toolroom Lathe, Newall DRO, Aloris Toolpost & more \$29,500

NEW ACRA 1340 BV VSPD Lathe, 40-2000 RPM, 3 & 4 Jaw, S.R. F.R, Coolant, Light, Newall DRO, Aloris and more \$12,500

ACER Dynamic 2660L, 16" 4 jaw chuck, Newall DRO, live center, Aloris quick change tool post with holders, live center, rear splashguard. Yr 2012 Call.

HES 20x64 Premium Engine Lathe, 10" 3Jaw, SR, FR, FP, QCTLC, Good \$5,900

NARDINI 1560E Lathe, 15"x60", Acu-Rite DRO, well toolled \$7,500.

NEW JET & JET Elite Engine Lathes CALL

RAMCO/FEELER HAND TURRET LATHE \$1,995

GRINDING/LAPPING/HONING

BOYER SCHULTZ Challenger 2A618 2-Axis Auto, Surf Grinder, Mag Chuck, Good \$3,250

CHEVALIER FSG-2A618, 2 axis automatic, SONY DRO, coolant system, walker fine pole electromagnetic chuck, Yr 2003 \$10,995.

DYNABRADE 64902 Heavy duty belt sander, 3HP, 2" wide belt, variable speed \$2,995.

HARIG 612 Manual surface grinder, fine pole chuck, work light \$2995.

New SUPERTEC, Jagura, Palmary, Kent Manual & CNC Grinder, All Types Call

ROYAL MASTER TG 12x3 Gen 5.1 CNC Centerless with CNC Infeed, Toolled for small diameters. Excellent. Yr 2004 \$18,500.

ROYAL MASTER TG 12x3 Centerless Grinders Set Up for thru Feed Work on Small Diameter Stock, 2 Available Coolant System, Spares, From Medical Device Shop Call

KENT SGS-618M, Hand Feed Surface Grinder, DRO 2-Axis, Auto Lube, Perm Mag, Chuck, Dresser, 2007 Super \$4,995

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 \$33,900

UNIPOL, 1210 12" VSPD Precision Lapping/Polishing Machine \$650

AIR Hydraulics C500A 15 Ton Air/Hyd, "C-Frame Press, Dual Buttons, Like New \$5,995

GMC 6' x 12 Gauge Box & Pan Brake - new machine \$4,995

SAWS

NEW ACRA-RF-1018 SRV Miter Cut Bandsaw, 10"x17" Cap., VSPD - 2HP, 1" Blade \$4,995

"New" ACRA 7"x12" horizontal saw with coolant, 4 speeds, 1HP \$1,495.

"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 \$4,150

"New" Coldsaws by Scotchman, Baileigh, Soco, Dake, Kalamazoo.

DAKE 370PP Automatic Cold Saw, Ferrous, 14" Blade, 90 degree mitre, Extra conveyor. 1998 \$9,950.

JET 7"x12" Horizontal Saw, 4 speeds, 1HP, wheels \$695.

KMT SIRIO C-350AT FERROUS AUTO COLD SAW, SHUTTLE FEED, 14" BLADE, 4 SPEEDS, MITER CUTTING - 1998 VERY NICE 7,900

New Hyd-MECH H-230A 9" Cap, Auto HBS, Auger, Prog Control, Enclosure \$25,000

ROLL-IN VERT BANDSAW, POWER FEED - EXCELLENT 2,495

WELLSAW MODEL 1016 HORIZ. BANDSAW, 2HP, 1" BLADE, COOLANT-NICE 2,995

INSPECTION/QUALITY

BROWN & SHARPE Reflex CMM, Renishaw TP-1, Stand, New Computer, 1998 \$14,900

BAUSCH & LOMB Stereo Zoom Microscope on Boom Stand \$375

BAUSCH & LOMB Stereo zoom microscope w/ Heinz 2x6 Stage, Light source, micrometer dials \$695

BROWN & SHARP MicroVal CMM, 12"x18"x12", PC computer, software, renishaw probe, 1990 \$4,995

FOWLER SLYVAC 12" Z Cal computer height gage. Granite Surface Plate. 28"x45"x5" \$650.

GRANITE Surface Plate. 52"x43"x9" Call.

GAGE MASTER 12" Optical Comparator, Horiz Projection 10X Lens, Metrology DRO, Excellent \$1,995

"New" COORD 3 CNC CMM's - All Sizes, Own the Best for Less, New in Stock Call

"NEW" HELMEL CMM's CALL

MITUTOYO Crysta PLUS M574 CMM, 28"x20"x16", MIP Renishaw probe, MCOSMOS Software, Yr 2011 \$18,500.

MITUTOYO Quick Vision ACE Vision System, 10"x8" range, computer \$4,900.

MITUTOYO BH-305, Manual CMM, 20 x 12, Renishaw Index Probe, Stand, Computer, Printer, 1996, Good CALL

MITUTOYO QUICK Vision Marlin QV-404 Video Inspection Machine, 16"x16"x10" Travels, 1x Lens, Stand, Computer, Updated software. 1998 \$9,950.

NIKON V-12 Vertical Profile Projector, 12" Screen, 5x, 20x, 50x Lenses in Turret, 4"x2" Stage Travels, Metrology Computer \$4,500

TESA MICRO HITE CMM W/ BUILT-IN COMPUTER, PROBE, ETC CALL

ZOLLER Smile VB300 Tool presetter with computer, printer, stand, 30-40-50 taper adapters. 2003 \$6,900

TOOLING & MISC

"New" Magnetic separator for grinder coolant systems \$995.

DIVERSITECH pollution solution down draft table, 48"x32" Call.

HABOR OIL CHILLER - like new \$1,450.

CASCADE TEK TV0-1 Vacum Oven, 9 x 9 x 12 Chamber, 300 Degree, Like New \$1,990

New 6 x 18 Permanent Magnet Chuck, Medium Pole \$700.00

HUSKY 3HP Air compressor with 30 Gallon vertical tank and wheels. like new \$440.

OS WALKER 1224 Fine Pole electromagnetic chuck \$995.

BT-35 & BT-40 Toolholders \$500

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

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 & Rebuilt From \$1,895

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

Newport 2'x2' Optical table - For Optical Experiments \$450

PHILMORE ST-2000 440/220 Step Up/Down Transformer-New \$125

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

AMES Hardness Tester Model 1- portable. like new \$750

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

Lagun Right angle head with arbor & arbor support \$800.

KURT VISES - NEW & USED CALL

YUASA DMRT Tilt/Rotary Table, 6" Table, No Controller Call

ALUP SCK 10HP, Screw type compressor with drier, 2006 low hours \$3,995.

X-Z Compound Tool Slide for Hardinge DSM-59, Precision Screws \$995

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

HARDINGE HV4NX, 5C collet indexer, New - never used \$675.

16C Collets - Round, Hex, Square. Hardinge Brand \$20 each.

HAAS HRT-310 Rotary Table with Tailstock Call.

8" & 12" Manual Rotary Tables Call.

KAESER SX 7.5 Air Compressor, Rotary type with 80 Gallon Tank. 7.5HP. Yr 2012 \$3,995.

PROCONIER #1 Tapping head \$200.

BRIDGEPORT Right Angle head, arbor, arbor support \$750.

Bead Blast Cabinet, 20x40, with dust collector \$700.

RIGHT SIZE YOUR SHOP! AUCTIONS, LIQUIDATIONS, APPRAISALS & TRADE INS PUT OUR 40 YEARS EXPERIENCE TO GOOD USE. Call TODAY!

www.PERMACH.com

3305 EDISON WAY, FREMONT, CA, 94538.

P)510-249-1000 F)510-249-9265. Showroom open M-F 8:00 to 5:00

April 2020