

HORIZONTAL CNC MACHINING CENTER

Photo 1

ENSHU 4-Axis Horizontal CNC Machining Center, Mdl. JE-60, s/n 208, Yasnac CNC control, 100–12,000 variable speed spindle RPM, BT-40 taper spindle, 60-station ATC, machine travels X, Y, Z, 599mm x 599mm x 599mm, w/full B-axis contouring, dual 400mm x 400mm pallets, through spindle coolant, Ridgid tapping, 4,000 RPM max.

VERTICAL CNC MACHINING CENTERS

Photo 2

(4) ENSHU 3-Axis Vertical CNC Machining Centers, Mdl. S-400, s/n's 550, 464, Yasnac CNC control, 10 HP spindle, 13,000 RPM machine, BT-40 taper spindle, 20-station 17" x 35" T-slot table, machine travels X, Y, Z, 25" x 17" x 18", 2-pallet machine.

Photo 3

ENSHU 3-Axis Vertical CNC Machining Center, Mdl. S-400, s/n's 236, 209, 368, Yasnac CNC control, 7.5 HP spindle, 8,000 RPM machine, BT-40 taper spindle, 20-station ATC, 17" x 35" T-slot clamping table, machine travels X, Y, Z, 25" x 17" x 18", 2-pallet machine.

Photo 4

2000 HARDINGE 3-Axis Vertical CNC Machining Center, Mdl. VMC-1000 II, s/n NUCADE0057, Fanuc Series O-MD CNC control, 22 HP spindle, 8,000 RPM machine, Cat-40 taper spindle, 24-station ATC, 20" x 44" T-slot table, machine travels X, Y, Z, 40" x 20" x 20", through spindle coolant, Ridgid tapping.

Photo 5

1996 MATSUURA 3-Axis Vertical CNC Machining Center, Mdl. RA-4F, s/n 960512118, Yasnac I-80 CNC control, 15 HP spindle, 8,000 RPM machine, Cat-40 taper spindle, 30-station ATC, 39" x 19" 2-pallet T-slot tables, machine travels X, Y, Z, 40" x 20" x 20".

Photo 6

1996 MATSUURA 3-Axis Vertical CNC Machining Center, Mdl. RA-3F, s/n 960612002, Yasnac I-80 CNC control, 25 HP spindle, 15,000 RPM machine, Cat-40 taper spindle, 40-station ATC, 39" x 19" 2-pallet T-slot tables, machine travels X, Y, Z, 31" x 17" x 19".

CNC LATHES

Photo 7

1997 KIA CNC Lathe, Mdl. KT-21, s/n 536, Yasnac CNC control, 7.5 HP spindle, 4,000 RPM machine, 16C speed chuck, 10-station tool turret, 2-axis machine travels X, Z, 250mm x 390mm, programmable tail stock, tool pre-setter, parts catcher, 10" turbo chip conveyor, foot control.

Photo 8

1994 KIA CNC Lathe, Mdl. KT-21, s/n KT21043, Yasnac CNC control, 10 HP spindle, 4,000 RPM machine, 8" 3-jaw chuck, 10-station tool turret, programmable tail stock, 2-axis machine 250mm x 390mm, tool pre-setter, 10" turbo chip conveyor, foot control.

Photo 9

1995 KIA CNC Lathe, Mdl. KT-15, s/n 15429, Yasnac CNC control 10 HP spindle, 5,000 RPM machine, 5–6 speed chuck, 12-station tool turret, programmable tail stock, tool pre-setter 2-axis machine 157mm x 375mm 10" turbo conveyor, foot control.

MANUAL MACHINERY

Photo 10

1997 CHEVALIER Mill, 3 HP spindle, 60–4,500 variable speed RPM, 9" x 48" T-slot table, Sony DRO, way oiler, power draw bar, auto-feed table.

Photo 11

1994 CHEVALIER Mill, 3 HP spindle, 60–4,500 variable speed RPM, 10" x 50" T-slot table, Accu-rite DRO, way oiler, power draw bar, auto-feed table.

Photo 12

LAGUN Mill, 3 HP spindle, 60–3,300 variable speed RPM, 10" x 50" T-slot table, Accu-rite DRO, way oiler, power draw bar, auto-feed table.

(2) ENCO Milling And Drilling Machines, Mdl. 105-1120, s/n 534, 175.

HARDINGE Chucker Lathe, Mdl. HCT-CF, 1 HP spindle, 8-station tool turret, 5-C collet closer, variable speed auto-feed carriage.

VICTOR Engine Lathe, Mdl. 1610, high/low gear box, 120–1,200 variable speed spindle, metric/standard thread, 5-C collet closer, auto-feed carriage.

TSUGAMI Chucker Lathe, 5-C collet closer, 8-station tool turret, auto-feed carriage.

SUPPORT EQUIPMENT

Photo 13

2006 KAESER Rotary Screw Air Compressor, Mdl. ASD-25, s/n 1183, 125 PSI @ 115 CFM, 25 HP, 2,320 hours.

Photo 14

2000 KAESER Rotary Screw Air Compressor, Mdl. SK-19, s/n 1175, 110 PSI @ 68 CFM, 15 HP.

Photo 15

(2) KAESER Compressed Air Dryers.

Photo 16

PMC Vertical Bandsaw, 18" throat capacity, 18" x 29" material table, 75–500 variable speed blade.

CRAFTSMAN Floor-Model Drill Press, 15" material table, 1 hp spindle, variable speed.

INSPECTION

MOJAVE 30" x 48" Granite Surface Plate.

MICRO FLAT 18" x 24" Granite Surface Plate.

MITUTOYO 18" Dial Height Gauge.

12" Dial Height Gauge.

MITUTOYO 12" Dial Vanier Caliper.

STARRETT 12" Vanier Caliper.

MITUTOYO 8" Dial Vanier Caliper.

FOWLER 0–1"/1–2" Digital Calipers.

(2) MITUTOYO 0–1"/1–2" Digital Micrometers.

MITUTOYO/BROWN & SHARP Depth Gauges.

MEYER Pin/Plug Gauge Sets.

Indical Bore/Groove Gauge.

(2) Flash Magnifiers.

(2) SPI Chamfer Gauges.

(5) Granite Indicator Stands, w/dials.

Asst. Parallels, Precision Blocks, HDT Gauge Blocks.

TOOLING

Photo 17

(10) KURT 4" Angle Lock Vises.

(43) KURT 6" Angle Lock Vises.

(5) KURT 6" Double-Angle Lock Vises.

(20) CHICK 6" Double-Angle Lock Vises.

Photo 18

(28) CHICK 4" Double-Angle Lock Vises.

ENCO 8" 3-Jaw Right-Angle Chuck.

ENCO 12" Rotary Table.

YUASA 8" Rotary Table.

16" 4-Jaw Chuck.

12" 4-Jaw Chuck.

10" 3-Jaw Chuck.

20"/10"/16"/15" Face Plates.

Right Angle Quill Head

5-C Collet Closer.

15" x 10" Universal T-Slot Clamping Tale.

Corner Rounders, Carbide Inserts, Taps/Drills, Flex Collets, Large/Small.

(2) 8" Angle Plates.

(2) 6" Angle Plates.

Photo 19

Large Lot BT-40/Cat-40 Taper Tooling.