

Our Facility List (UPDATED 4/21/08)

WIRE EDM EQUIPMENT

- 1 HITACHI 406P 10" HEIGHT
- 2 FANUC ROBOCUT ALPHA-OC WIRE CUT
- 2 FANUC ALPHA OIA WIRE CUT
- 1 2007 ACCUTEX 9X13X8" HIGH WIRE EDM

VERTICAL EDM EQUIPMENT

- 2 ELOX 12-3816-DR
- 1 ELOX MOD. II/50 AMP. POWER SUPPLY
- 1 ELOX 12-2814 100 AMP. POWER SUPPLY
- 1 ELOX HRP 99
- 1 SODICK EPOC-4 CNC EDM
- 1 SODICK EPOC-3 CNC EDM
- 1 PULSE PE-250 EDM

VERTICAL MILLING EQUIPMENT

- 1 CNC FADAL 40X20 VERTICAL MACHINING CENTER
- 1 CNC FADAL 15X20 TRAVEL
- 1 CNC FADAL 30X60 VERTICAL MACHINING CENTER
- 1 CNC HAAS 20X50 VERTICAL MACHINING CENTER
- 1 CNC HAAS 20X30 VERTICAL MACHINING CENTER
- 2 SERIES 1-2 HP BRIDGEPORTS – 9X42 TABLES WITH A.G.E. – PROTOTRAKS
- 2 SERIES 1-2 HP BRIDGEPORTS WITH READOUTS – 9X42 TABLES VARI-DRIVES
- 3 J-HEAD SERIES BRIDGEPORTS WITH READOUTS – 9X48 TABLES TWO WITH READOUTS
- 1 CINCINNATI #30 SPINDLE
- 1 COMET VARI-DRIVE 10X50 TABLE
- 1 LEADWELL V-40 4-AXIS 20X40 TRAVEL
- 1 SUPERMAX MV76A WITH 2 PALLETS
- 1 KITAMURA MYCENTER 20X50

HORIZONTAL MILLING EQUIPMENT

- OKUMA & HOWA MILLACE 40H 2-PALLET HORIZONTAL MACHINE

DRILLS

- 1 MORRIS MOR SPEED RADIAL ARM – 3' ARM 9" COLUMN
- 1 MORRIS MOR SPEED RADIAL ARM – 4' ARM 12" COLUMN
- 1 SELECT 3' ARM RADIAL DRILL
- 1 ROCKWELL FLOOR MODEL
- 1 ROCKWELL BENCH MODEL

SAWS

2	MARVAL MARK II
1	EVERETT ABRASIVE CUT-OFF MACHINE
1	DO-ALL VERTICAL BAND SAW 30"

MACHINE ATTACHMENTS AND INSPECTION

2	HARIG #1 GRIND ALL
2	HARIG #2 GRIND ALL
1	HARIG RADIUS DRESSER
1	J&S RADIUS DRESSER
1	HERMANN SCHMIDT MAGNET SINE
1	HERMANN SCHMIDT SQUARING BLOCK
1	12"X12" SUBURBAN 10" SINE
1	8"X12" SUBURBAN 10" SINE
1	18" HEIGHTOLATER B/S
1	18" CADILLAC GAUGE
1	20" ROTARY TABLE P/W
1	24" TILT ROTARY TABLE
1	15" ROTARY TABLE BRIDGEPORT
6	ANGLE LOCK VISES 6"
2	DOUBLE ANGLELOCK VISES
2	BRIDGEPORT VISES 6"
1	PALMGREN VISE 8"
1	HARDNESS TESTER (SUPREME)
1	WILSON HARDNESS TESTER
1	FROST ANGLE SETTING VISE 6"
1	DIAFORM DRESSIER 10:1
2	60" ROTARY TABLES P/W
1	24" TESA HITE
1	48" STARRET MASTER SETTING GAUGE

AIR COMPRESSORS

1	30 HP JOY SCREW AIR
1	30 HP QUINCY SCREW AIR
1	40 HP SULLIVAN PALATEK

JIG GRINDER

2	22"X44" MOORE FOSDICK
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SURFACE GRINDERS

2	BROWN & SHARPE 6"X18"
1	BROWN & SHARPE 5"X10"
1	BROWN & SHARPE 6"X12"
1	DO-ALL 5"X10"
1	BOYAR SCHULTZ 6"X12"
1	NORTON 6"X18"
1	OKAMOTO 12"X14"
1	BLOHM 14"X60"
1	BLANCHARD GRINDER 42" DIA. #22
1	MITSUI 8"X18"
1	HARIG 6"X18"

CYLINDRICAL GRINDER

1	LANDIS 10"X20" ID, OD UNIVERSAL CYLINDRICAL GRINDER
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TURNING EQUIPMENT

1	LEBLOND LATHE 18"X40"
1	REPUBLIC LATHE 16"X40"
1	NARDINI LATHE 16"X40"
1	VERTICAL TURRET LATHE 7-350 RPM MAX SWING 54"
1	HAAS HL4 10" CHUCK CNC LATHE
1	MORI SEIKI SL 204 TWIN SPINDLE LATHE AUTO BAR FEED
1	MORI SEIKI NL2000 TWIN SPINDLE LATHE
1	TOPPER TNL-100A CNC LATHE
1	JET LATHE 18"X40"
1	2007 NEXTURN SCREW MACHINE 32mm
1	2008 YAMA-SEIKI CNC

JIG MILL

1	DEVLIEG HORIZONTAL 3" SPINDLE – 72" TRAVEL LEFT TO RIGHT – 60" VERTICAL TRAVEL .0001 DIGITAL READOUTS
1	DEVLIEG HORIZONTAL 4" SPINDLE - 48" TRAVEL LEFT TO RIGHT – 60" VERTICAL TRAVEL .0001 DIGITAL READOUTS

GRANITE LAYOUT TABLES

MICRO FLAT 36"X60"
STARRETT 18"X24"
STARRETT 24"X36"
DO-ALL 24"X36"
ROCK OF AGES 36"X48"
TRU-STONE 24" GRANITE ANGLE BLOCK

HEAT TREAT EQUIPMENT

- 1 TEMPERING FURNACE
- 1 14"X20"X42" HUPPERT FURNACE
- 1 6"X6"X9" HUPPERT FURNACE
- 1 12"X12"X20" THERMAL SYSTEMS ATMOSPHERE
- 1 LUCIFER 12"X12"X20" HEAT TREAT FURNACE

PRESS ROOM EQUIPMENT

- 1 500-TON FARQUAR FORMING PRESS
- 1 300-TON STRAIGHT SIDE CLEARING PUNCH PRESS
- 1 200-TON BLISS WITH CUSHION
- 1 110-TON CLEARING
- 1 100-TON MINSTER STRAIGHT SIDE
- 1 50-TON WILSON ARBOR PRESS
- 1 50-TON NATIONAL HYDRAULICS ARBOR PRESS
- 1 60-TON FEDERAL PUNCH PRESS
- 1 45-TON FEDERAL PRESS
- 1 COIL STRAIGHTENER .125X12.000
- 1 COIL-MATIC .090X18" STRAIGHTENER & FEEDER
- 1 DALLAS .400X18" FEEDER
- 1 COIL-MATIC .125 THK.X 12" WIDE X 18" FEED LENGTH
- 3 COIL CRADLES
- 1 STOCK REEL RAPID AIR
- 1 JASCO STRAIGHTENER
- 1 WARDINGTON DIGITAL ROLL FEED 18" WIDE X .187 THK
- 1 WHITNEY-JENSEN SHEAR 1/8X4'
- 1 COE DOIL STRAIGHTENER .312X18"
- 1 COOPER WEYMOUTH .250X24" ROLL FEED

MISCELLANEOUS

- 2 SUNNEN HONE MACHINE
- 1 HAGEN & GOEBEL TAPPING MACHINE
- 1 WELDER AIRCO DIE/STICK 160
- 1 THOMSON 150KVA SPOT WELDER
- 1 CATERPILLAR 8000 LB. FORK TRUCK
- 1 30" JTL COMPARATOR 10X, 20X, 50X LENS
- 1 SWECO 10 CUBIC FOOT VIBRATORY FINISH
- 1 HYSTER 6000 LB. FORK TRUCK
- 1 JACK-MILL TOOL & CUTTER GRINDER
- 1 BARREN TUMBLER
- 1 VIBRATING TUMBLER
- 1 5-TON DWIGHT FOOTE OVERHEAD CRANE
- 1 48" WET TIMESAVER

TOOL DESIGN

- AUTO-CAD 2000 WITH HEWLETT PACKARD 36"X45" PLOTTER
- SMARTCAM
- CIMATRON "E" NC SOLUTION PACKAGE FOR SOLIDS, SURFACES AND WIRE
- FRAME 4TH AXIS MILLING