Our Facilities

5 AXIS MACHINING SOLUTIONS

INTEGREX 300-IV 2010
5 AXIS MACHINE EQUIPED WITH 10” CHUCK AND 15” CHUCK. 60” BETWEEN CENTERS. 40 TOOL MAGAZINE. TURNING CAPACITY 16” DIAMETER. 15 H.P. MILL SPINDLE.

INTEGREX 300-Y 2001
5 AXIS MACHINE EQUIPED WITH 10” CHUCK AND 15” CHUCK. 60” BETWEEN CENTERS. 40 TOOL MAGAZINE. TURNING CAPACITY 16” DIAMETER. 15 H.P. MILL SPINDLE.

CNC TURNING

MAZAK QUICK TURN 350MY CNC LATHE
WITH MAZATROL PC-FUSION-CNC 640 T CONTROL. 2 LNS PROGRAMABLE STEADY RESTS. 20” SWING CHUCK WORK. 12” OVER CARRIAGE. 60” BETWEEN CENTERS. 24 TOOLS.

MAZAK SUPER QUICK TURN 300MY
EQUIPPED WITH MAZATROL 640 T CONTROLS. 12” CHUCK WITH C AXIS, 360000 INCREMENTS. Y AXIS +- 4”. TURNING CAPACITY ¼” THRU 16” 60” BETWEEN CENTERS. MAX SPINDLE RPM 3800.

MAZAK NEXUS 250 MSY
EQUIPPED WITH MAZATROL NEXUS 640T CONTROL. 10” MAIN SPINDLE WITH C AXIS. MAX SPINDLE SPEED 4000 RPM; 6” SUB SPINDLE WITH C AXIS, MAX SPINDLE SPEED 6000 RPM, Y AXIS +- 3”. TURNING CAPACITY ¼” THRU 10”
MAZAK QUICK TURN 350 CNC LATHE
WITH MAZATROL PC-FUSION-CNC 640 T CONTROL. 2 LNS PROGRAMABLE STEADY RESTS. 20" SWING CHUCK WORK. 12" OVER CARRIAGE. 60" BETWEEN CENTERS. 24 TOOLS.

MAZAK SUPER QUICK TURN 28 CNC LIVE TOOLING MACHINE
EQUIPPED WITH 30 H.P. & 12" CHUCK TURNING CAPACITY ½" THRU 16", 22" SWING WITH 60" BETWEEN CENTERS. MULTI AXIS MACHINING CAPABILITIES. LIVE TOOLING WITH 10 H.P. MILLING, DRILLING & TAPPING CAPABILITIES. 3.000 BORE THRU SPINDLE.

MAZAK QUICK TURN 8 CNC LATHE
EQUIPPED WITH 10 H.P. 6" CHUCK, COLLETS ½' THRU 1 ½" & TAILSTOCK. TURNING CAPACITY 6". 10" SWING WITH 10" BETWEEN CENTERS. WITH ALL NECESSARY TOOLING.

MAZAK QUICK TURN 10 CNC LATHE
EQUIPPED WITH 10 H.P. 6" CHUCK, COLLETS ½' THRU 1 ½" & TAILSTOCK. TURNING CAPACITY 6". 10" SWING WITH 10" BETWEEN CENTERS. WITH ALL NECESSARY TOOLING.

MAZAK QUICK TURN 20 CNC LATHE
EQUIPPED WITH 25 H.P. & 10" CHUCK TURNING CAPACITY ¼" THRU 12". 20" SWING WITH 40" BETWEEN CENTERS AND ALL NECESSARY TOOLING. 2.500 BORE THRU SPINDLE.

MAZAK QUICK TURN 28N
30 H.P., 12" CHUCK TAILSTOCK, 16 POSITION TURRET, CAPACITY 12" DIAMETER, 20" SWING, 40" BETWEEN CENTERS.

MAZAK QUICK TURN 30 CNC LATHE
EQUIPPED WITH 30 H.P. , 10" CHUCK & 12" CHUCKS, 16 POSITION TURRET, ITW RETRACTABLE 10" CHUCK. TURNING CAPACITY 2.750 BORE THRU SPINDLE. 20" SWING WITH 40" BETWEEN CENTERS AND ALL NECESSARY TOOLING.

MAZAK QUICK TURN 250 CNC LATHE
EQUIPPED WITH 8" CHUCK, 20 H.P. 2" BAR CAPACITY. MAZATROL 640T FUSION CONTROL. 1300 IPM RAPID TRAVERSE 15.7 CUTTING DIA. 5,000 RPM LNS BAR FEE DER
QUEST 51 LATHE WITH BAR FEEDER
HARDINGE EQUIPPED WITH 20 H.P. & 8" CHUCK TURNING CAPACITY ¼" THRU 12". 10" SWING WITH 20" BETWEEN CENTERS AND ALL NECESSARY TOOLING. 2.05 BORE THRU SPINDLE.

QUEST 51 LATHE
HARDINGE EQUIPPED WITH 20 H.P. & 8" CHUCK TURNING CAPACITY ¼" THRU 12". 10" SWING WITH 20" BETWEEN CENTERS AND ALL NECESSARY TOOLING. 2.05 BORE THRU SPINDLE.

QUEST 42 BAR FEEDERS (2)
HARDINGE EQUIPPED WITH 15 H.P. & 6" CHUCK TURNING CAPACITY ¼" THRU 5.5" SWING 10.65". ALL NECESSARY TOOLING. 1.89" BORE THRU SPINDLE.

MAZAK QT8 12 STATION TURRET (3)
EQUIPPED WITH 10 H.P. 6" CHUCK, COLLETS ½’ THRU 1 ½" & TAILSTOCK. TURNING CAPACITY 6". 10" SWING WITH 10" BETWEEN CENTERS. 12 STATION TURRET. WITH ALL NECESSARY TOOLING.

CNC MILLING

MAZAK HCN 4000 II CNC HORIZONTAL MACHINING CENTER WITH PALLET CHANGER
X 22” - Y 24.8” – Z 25.2” TABLE @ 40 HP 18,000 RPM SPINDLE MATRIX CONTROL 120-STATION AUTOMATIC TOOL CHANGER, 2800 IPM RAPID, RIGID TAPPING CAPABLILITIES AND ALL NECESSARY TOOLING.

MAZAK VTC - 200C CNC MACHINING CENTER
68” X _20”Y _25”Z TABLE @ 20 HP MAZATROL 10,000 RPM FUSION 640M CONTROL 24 STATIONS AUTOMATIC TOOL CHANGER, 1181 IPM RAPID, RIGID TAPPING CAPABLILITIES AND ALL NECESSARY TOOLING.

MAZAK AJV 25/405
40”X_20”Y_20”Z TABLE AND SMW 4TH AXIS. CAM M-2 CNC CONTROL. SMW 4th AXIS. X AXIS TRAVEL 68”. Y AXIS 20” Z AXIS 17” CAT 50 TOOLING.

MAZAK VQC 20/40B CNC MACHINING CENTER
40” X –20”Y – 20”Z TABLE & 10 H.P. EQUIPPED WITH THREE DIMENSIONAL PROGRAMMING. 30 STATION AUTOMATIC TOOL CHANGER, KURT VISES, AUTOMATIC INDEXER & ALL NECESSARY TOOLING.
MAZAK VTC-20C CNC MACHINING CENTER
WM32-B CNC CONTROL. SMW 4TH AXIS. X AXIS TRAVEL 68”. Y AXIS 20” Z AXIS 17”. 48 TOOLS.

MAZAK VTC 41 CNC MACHINING CENTER
24” X – 16”Y – 20” Z TABLE & 10 H.P. EQUIPPED WITH THREE DIMENSIONAL PROGRAMMING. 24 STATIONS AUTOMATIC TOOL CHANGER, KURT VISES, RIGID TAPPING CAPABILITIES. AUTOMATIC INDEXER.

5 EACH - HAAS MILL VFE
36” X – 16”Y – 20” Z TABLE EQUIPPED WITH THREE DIMENSIONAL PROGRAMMING. 20 STATIONS AUTOMATIC TOOL CHANGER, KURT VISES, RIGID TAPPING CAPABILITIES. FULL 4TH AXIS AUTOMATIC INDEXER.

CNC HURCO MILL
14” X 24” TABLE & 4 H.P., KURT VISES, INDEXER AND ALL NECESSARY TOOLING.

3 EACH - BRIDGEPORT VERTICAL MILLING MACHINE
EQUIPPED WITH 2 H.P. VARIABLE SPEED MOTOR, 9” X 42” TABLE WITH DIGITAL READ-OUT, KURT VISE, ANGEL VISE, POWER FEED AND TOOLING.

LAGUN VERTICAL MILLING MACHINE
EQUIPPED WITH 2 H.P. VARIABLE SPEED MOTOR, 12” X 50” TABLE WITH DIGITAL READ-OUT, KURT VISE, ANGEL VISE, POWER FEED AND TOOLING.

CNC GRINDERS

WARNER-SWASEY STEP-MASTER CNC O.D. GRINDER
WITH GE FANUC SERIES 18-T CNC CONTROL, SBS DYNAMIC BALANCE SYSTEM. AUTO WHEEL BALANCER. MARPOSS E5 AUTO GAGING SYSTEM. MANUAL & AUTO STEADY REST. 14 BY 60” LONG.

KELLENBERGER CNC KEL-VARIA R 175/1500
GE FANUC 18-T CONTROL. AROBOTECH STEA DY REST. GAUGING. AUTO FLAGGER. 14 X 60 “ LONG. AUTO BALANCE. SBS 2500 CONTROLLER.

KELLENBERGER CNC KEL-VISTA R175/1000
GE FANUC SERIES 21I-T CONTROL. AUTO FLAGGER. 6” DIA X 39” LONG.
SUPPORT EQUIPMENT

HEY AUTOMATIC CENTER MACHINE

HEY CNC FACE & CENTER MACHINE
HAY NO 3 CNC AUTOMATIC DOUBLE END FACE & CENTER MACHINE
ALLEN BRA DLEY CONTROL 7” X 70” CAPACITY.

BARBER COLEMAN #3 GEAR HOB MACHINE
WITH ALL NECESSARY TOOLING

3 EACH - SUNNEN HONES
WITH ALL NECESSARY TOOLING. FEDERAL AIR BORE GAGE

CAMTAK ENGINE LATHE 1
EQUIPPED WITH 10” 3 JAW CHUCK, 12” 4 JAW CHUCK, 15” SWING, & 60” BETWEEN CENTERS. POWER FEED THREADING INCH OR METRIC. TURNING, THREADING, GROOVING & KNURLING.

3/4-6 SPINDLE WICKMAN MULTI SPINDLE 1
EQUIPPED WITH 25 H.P. 1-3/4 BAR CAPACITY, PNUEMATIC PICK-OFF TOOL.

CLAUSING ENGINE LATHE
EQUIPPED WITH 20” 3 JAW CHUCK, DIGITAL READ-OUT, 20” SWING, 60” BETWEEN CENTERS.

HARDINGE HC LATHE 1 ½ H.P.
EQUIPPED WITH 2” X 3” POT CHUCKS, 8 STATION TURRET & POWER FEED. SINGLE POINT THREA DINNG ATTACHMENT. 5C COLLETS 1/16” THRU 1-1/16.

BROWN & SHARP 6” X 18” SURFACE GRINDER
EQUIPPED WITH 6” X 18” MAGNETIC CHUCK, DIAMON D WHEELS, REGULAR WHEELS & SPIN JIG WITH 5C COLLETS.

DOALL AUTOMATIC CUTOFF SAW
CAPACITY 10 ¾” ROUN D SOLI D D, 9 X 16 “ FLATS AUTOMATIC ROLLER FEED

JETLINE ENG. PRECISION GAW CIRCUMFERENTI WELDER

HARDINGE TOOL ROOM LATHE

HAAS INDEXER
HAAS SERVO ROTARY TABLE

20’ X 20’ CLIMATE CONTROL QUALITY LAB EQUIPPED WITH:
STARRETT HB400 QUADRA-CHEK 2000 COMPARATOR
MITUTOYO SJ-201P SURFACE TESTER
24 X 36 GRANITE SURFACE PLATE
18” MITUTOYO HEIGHT GAGE
10X POWER MICROSCOPE WITH LIGHT SOURCE
EXTERNAL MICROMETERS 0 – 16”
INTERNAL BORE MICROMETERS .350 – 5.00”
MITUTOYO DIGITAL OD MICROMETERS .00005 RESOLUTION 0 – 6”
ALL NECESSARY THREAD GAGES
GAGE TRACK CALIBRATION SOFTWARE.
OPTICAL COMPARATOR S-T INDUSTRIES 24”
CMM BENDIX SHEFFIELD COORDINATE MEASURING MACHINE