



General Facilities List

CNC Machining

Milling:

HAAS VF3 Vertical Machining Center
20 tools, X=40" Y=40" Z=20"

Fadal VMC 4020HT Vertical Machining Center
21 tools, X= 40" Y=20" Z=20"

Fadal VMC 4020HT Vertical Machining Center
21 tools, X= 40" Y=20" Z=20"

Fadal VMC 4020HT Vertical Machining Center
21 tools, X= 40" Y=20" Z=20"

Fadal VMC2016 Vertical Machining Center
16 tools, X=20" Y=16" Z=20"

ACER Vertical Knee Mill with Acu-rite power controller
X = 30" Y=15"

Machines equipped with custom pallet system, off-line programming and 4th axis hook-ups with HAAS rotary table

Turning:

MAZAK SUPER QUICK TURN 15 AMS 8" Chuck with 5" sub spindle 5 live tools

MAZAK UNIVERSAL QUICK TURN 10 8" chuck with 2" spindle bore

MANUAL MILLING

BRIDGEPORT Vari-Drive 2.0 HP Vertical Knee Mill 42"x 9" table

SUPER MAX Vari-Drive 42" TABLE

Machines equipped with ACU-RITE II digital readouts 30" x 12" X-Y

TURNING

SOUTHBEND Lathe 14" swing between centers

GRINDING

GALLMEYER LIVINGSTON Surface Grinder 8" x 24" chuck

GALLMEYER LIVINGSTON Surface Grinder 6" x 18" chuck

BLANCHARD Rotary Surface Grinder 18" head 24" chuck

ELLIOTT # 5 Cutter Grinder

Various floor, bench and hand held units

SAWING

KASTO-RACINE 8" Horizontal Auto-Cut Saw 8" capability
DO-ALL Vertical Saw 16" throat with universal 1" band welder
WELLS 8.5" Horizontal Cutoff Saw
MARATHON COLD FINISH 10" Circular Cutoff Saw

DRILLING

(3) CLAUSING 22" x 19.5" Table Drills with 0-5/8" Tapmatics

Various floor, bench magnetic, and hand held units

STAMPING

NIAGARA A3 35 Ton Punch Press 3" stroke 24" x 16" bed

Various hydraulic and manual arbor presses up to 75 tons

BROACHING

AMERICAN 2 Ton Horizontal Broach 30" stroke

WELDING

POWERMATE 225 AMP HD Wire Feed Welder

LINCOLN ARC Welder

INSPECTION

27 X 20 X 18 BROWN & SHARP CMM with a QUADRACHECK 3000 digital read out

4' x 8' granite surface plate

0-12 MITUTOYO digital height gauge

0-12 MITUTOYO dial height gauge

0-18 MITUTOYO digital height gauge

Standard inspection and quality control equipment

MISCELLANEOUS

3,000 POUND LIFT CAPACITY A & D High Resolution Counting Scale

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