

Plant 1 Equipment List

DESCRIPTION	MACHINE TYPE	CAPACITIES
<u>Samsung SL35 Lathe</u>	CNC lathe	Bar Cap. 4.6"; 12" chuck Max Turn 30.7" Max swing 23.6" X travel 9.45" Y travel 33.7"
<u>Vision Wide SF-2116</u>	V.M.C.	X=82.625 Y=63 Z=31.5
<u>Brown & Sharp model 7.7.5 CMM</u>		
<u>C.N.C. 2008 Makino A-81 - Horizontal Machining Center</u> 10,000 RPM Spindle, Renishaw Prove, Renishaw Laser Tool Setting, 60 Tool Mag., 50 Taper	H.M.C.	X=35.43", Y=31.5", Z= 40.1
<u>C.N.C. 2007 Mazak 510 C II Vertical Machining Center</u> – 12 K Spindle, 30 Tool Mag, Renishaw Probe, Automatic Tool Breakage Detection	V.M.C.	X=41.34", Y= 20.08" Z=20.08" With 4 th Axis
C.N.C. SAMSUNG SL	LATHE	17" swing x 50"
C.N.C. OKUMA CROWN SBB 726S Lathe	LATHE	10" Swing x 24"
C.N.C. MAKINO FNC 156 Vertical Machining Center	V.MC.	X=59", Y=24", Z=22"
Cincinnati #26	Lathe	X=26 Z=120
MONARCH Engine Lathe	LATHE	24" swing x 192" centers
MONARCH Engine Lathe	LATHE	10" swing x 20" centers
WARNER & SWASEY 2A Turret Lathe	LATHE	15" Power Chuck
WARNER & SWASEY 3A Turret Lathe	LATHE	24" Chuck
VERSON Brake Press	BRAKE PRESS	7-Ton
CINCINNATI #3 Horizontal Mill	MILL	15" x 62 1/2" Table
GRISHOLT #5 Turret Lathe	LATHE	12" Power Chuck
BULLARD Man-Au-Trol Vertical Turret Lathe	LATHE	36" Chuck
LUCAS 542B84 5" Horizontal Mill With R/O With 36" Tilting Rotary Table	BORING MILL	5" Spindle x 72" Y= 68.5, Z= 53.5
XLO 30" Optical Comparitor With R/O	Q.C. Equipment	
BRIDGEPORT Vertical Mill With R/O	MILL	9" x 42" Table
FOSDICK Jig Borer With R/O	JIG BORE	22" x 42" Table; 5' Travel
CINCINNATI BICKFORD Radial Drill Press	DRILL PRESS	14" x 15" Table
CINCINNATI BICKFORD Drill Press w/ Manitrol Table	DRILL PRESS	
AVERY Single-spindle Drill Press	DRILL PRESS	
ALLEN Three-spindle Drill Press	DRILL PRESS	24" x 72 1/2" Table
Mattison Rotary Surface Grinder 42" table	GRINDER	42" Dia. 16" Height
BROWN & SHARP Surface Grinder	GRINDER	6" x 18"
MOHAWK Drill Grinder	GRINDER	
DAREX Drill Grinder	GRINDER	
K.O. LEE Cutter Grinder B2060BB	GRINDER	
BROWN AND SHARP Shaper	VERTICAL SHAPER	6" Stroke
DOALL Vertical Band Saw	SAW	36" Throat
HAMOND Tool Grinder	GRINDER	
SUNNEN Hone MBB 1660	HONE	
BUDGET 1-Ton Overhead Crane	CRANE	
YALE 1/2-Ton Overhead Crane	CRANE	
C & M 1/4-Ton Overhead Crane	CRANE	
BUDGET Overhead Crane	CRANE	
CAMMON Tap Disintegrater	DISINTEGRATER	
Hydraulic Press	PRESS	20 Ton
LANDIS Threading Machine	THREADER	
WELLS Band Saw 1270	BAND SAW	12 x 12
THERODYNAMIC Plasma Pak 625 XR	PLASMA	1/2" Capacity
EMPIRE Blast Cabinet EF2448	BLAST CABINET	
24 x 36 Granite Surface Plate	Q.C. Equipment	
Bore Gages	Q.C. Equipment	0 – 24"
Micrometers	Q.C. Equipment	0 – 24"
Height Gages	Q.C. Equipment	0 -- 18"
Gage Blocks	Q.C. Equipment	

