

## **A-G TOOL & DIE COMPANY EQUIPMENT LIST AND SOFTWARE CAPABILITIES**

### **DESIGN AND PROGRAMMING**

3D Design Software – Solidworks Professional Version 2014  
2D Design Software – Anvil 1000 Version 3.2  
Simulation Software – Autoform Version R5 with Trim optimization  
Translators: DXF, IGES, NFL, STEP, X\_T, Catia files  
Plotter – Canon IPF750 Color Printer – 36” wide rolls  
Six Computer Aided Design System Stations: All networked through a host computer allowing engineers to keep the designs and disks organized and updated.  
5 design engineers in house  
Machining Centers Software: Surf Cam Velocity and Feature Cam

### **MACHINERY DESCRIPTION C.N.C.**

C.N.C. FANUC Robocut Alpha-1iE Wire E.D.M.-12.2 X 15.7 X 23.6 - 3,550 lbs. Work piece Capacity  
C.N.C. Charmilles Robofil 300 Wire E.D.M. 9.75 X 15.5 X 15.75—1100 lbs. Work piece Capacity  
C.N.C. YCM Vert. Gantry Machining center-60 X120 X 30 – 22,000 lb. Work piece Capacity  
C.N.C. Shizuoka B10V Vert. Machining Center-20 X 40 X 20 - 2,200 lb. Work piece Capacity  
C.N.C. HAAS VM2 Vert. Machining Center-20 X 30 X 20 Work piece Capacity  
2-C.N.C Hurco VM1 Vert. Machining Center-26 X 14 X 18 Work piece Capacity  
2-Trump Tool Room CNC 42” x 22” Travel  
Trump B6F 43 X 15 X 20 with ball screws, 3 Axis DRO, with electronic head  
1-Trump K3LF 40 X 15 X 16 with ball screws, 2 axis DRO, with electronic head  
2-Hurco VM1 Machining Centers 7 1/2 x 14 x 20 Work piece Capacity  
1-Hurco VM30 Machining Centers 20 x 50 x 20 Work piece Capacity  
1-Verson 350 Ton Press 60 X 120 X 13.5 to 40” Shut height, 18” Stroke  
1-Minister 200 ton Press 48 X 96 X 28” Shut height, 12” Stroke  
CWP straightener and feeder 24” wide x .125”  
CWP De-coiler 20”I.D. x 60” O.D. 6000lb cap.  
3-Radial Drills Max. 5 ft. Arm - Also (3) drill presses  
Lathe 16 X 54 American Pacemaker with DRO  
1-CNC Hurco Lathe 8” Dia. X 16” Bed  
3-6 X 18 Surface Dry Grinder  
8 X 24 Surface Wet Grinder  
12 X 24 Surface Wet Grinder  
2-16 X 24 Surface Wet Grinders  
Charmilles EDM Hole Driller 13” x 9” Travel

## **SUPPORT EQUIPMENT**

Circle Grid Analysis Stenciling Machine  
Sunnen Hone  
Band Saw  
Marvel Cutoff Saw  
Square Shear  
Arbor Press  
Small Parts Glass Bead Blaster  
20" Disc Sander  
Parts Degreaser

## **QUALITY SUPPORT EQUIPMENT**

Starrett CMM 60" X 40" X 22" table size, Open DMIS software  
Starrett 16" Horizontal Optical Comparator, 4" X 8" Travel with CMM Capabilities  
4- 30 X 42 Grade "B" Granite Surface Plates

## **FACILITY SIZE & STAFFING**

20,000 Sq. Ft  
25-35 Associates

## **WELDING EQUIPMENT**

Miller Welder - Mig and Tig Welder  
Acetylene Welder  
Plasma Cutter

## **WORKHANDLING EQUIPMENT**

Fork Truck – Maximum 6,000 lb. Capacity  
Fork Truck – Maximum 15,000 lb. Capacity  
3-Jib Crane 2,000 lb. Capacity  
15,000 Lbs. Overhead Crane  
4-10,000 Lbs. Overhead Cranes  
2,000 Lbs. Grinding Room Overhead Crane  
10,000 Lbs. Crane for C.N.C. Machines

## **SPECIAL EQUIPMENT**

HMS Transfer Simulator  
10,000 lbs. Stake Body Service Truck

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