

## ***EQUIPMENT LIST***

### *Stamping Presses*

- (1) Clearing, Model F-2400-120L, 2 Point Straight Side Press, 400 Tonne Capacity  
72" x 114" Bed, 39" Window
- (1) British Clearing, Model F4400-108 400, 4 Point Straight Side Press, 400 Tonne Capacity  
60" x 108" Bed, 38" Window
- (1) Bliss, Model 7-48W Press c/w Die Cushion, 200 Tonne Capacity  
38" x 48" Bed
- (1) Clearing, Model R175, 2 Point Eccentric Press, c/w Die Cushion, 175 Tonne Capacity  
42" x 74" Bed

### *CNC Equipment*

- (1) KAO MING, Model KMC-3000SD (B) Double Column Vertical Machining Centre  
with Fanuc OM-C Control;  
*X-axis table travel (forth and back) 127.16", Y-axis spindle head travel (left and right) 63",  
Z-axis spindle head travel (up and down) 27.55".*
- (1) KAO MING, Model KMC300SVB (B) Double Column Vertical Machining Centre with Fanuc  
18M Control;  
*X-axis table travel (forth and back) 127.16", Y-axis spindle head travel (left and right) 63",  
Z-axis spindle head travel (up and down) 33.46".*
- (2) DAH-LIH, Model MCV 1500, CNC Vertical Machining Centre  
Longitudinal travel (X) 60", Cross Travel (Y) 27", Headstock Travel (Z) 27.6"  
Fanuc Control
- (1) HAAS, CNC Vertical Mill, Model HAAS VF-4;  
Longitudinal travel (X) 52", Cross Travel (Y) 18", Headstock Travel (Z) 24"  
HAAS Control
- (2) Charmilles Technologies-Robofil 510 Wire EDM  

<i>Controlled Axes Strokes</i>	X-Axis 27.6"	<i>Workpiece Maximum Dimensions</i>	Length	47.2"
	Y-Axis 15.7"		Width	27.6"
	Z-Axis 15.7"		Height	15.7"
	U-Axis 27.6"			
	V-Axis 15.7"			
- (1) Komatsu KCR-0448 Fine Plasma Cutter  
4' x 8' Table



## ***EQUIPMENT LIST(continued)***

### **Drilling Machinery**

- (1) TA-Shing, Model TSD-1000, 3-1/2' Arm Radial Drill
- (1) Mas, Model V050, 4550 Kg., 5' Arm Heavy Duty Radial Drill Press
- (1) A-Maskiner, Heavy Duty Drill Press
- (1) SMVA, Automatic Feed Type Heavy Duty Drill Press
- (1) SORALUCE, 5' Arm Radial Drill, Heavy Duty Drill Press
- (2) Mas, Model VR4A, 4' Arm Radial Drill Press
- (1) KBC-TONE FAN, 2-1/2" Ft Arm Radial Drill Press

### **Saw Equipment**

- (1) Amada, Model VM-1200, 37" x 63" Table x 20" Thick Capacity, Automatic Hydraulic Saw
- (2) Grob, Model NS 18, Vertical Bandsaw with welder
- (1) E-R Maier, Model KM 1012, Roll-in Bandsaw
- (1) Makita, 355mm. portable Cutoff Saw

### **Welding Equipment**

- (1) Lincoln Precision Tig 375 Welding Machine (SMAW, GTAW)

### **Lathes**

- (1) Dean Smith & Grace, 15" swing, Heavy Duty Engine Lathe 68" "between" centers
- (1) Harrison, 13" Swing, Heavy Duty Engine Lathe 36" "between" centers

### **Material Handling Equipment**

- (1) 20 Tonne, Kone Overhead Crane
- (1) 15 Tonne, Kone Overhead Crane
- (1) 10 Tonne, Kone Overhead Crane
- (1) 3 Tonne, Budgit Gantry Overhead Crane
- (1) 12,000 lb. Allis-Chalmer Lift Truck

## ***EQUIPMENT LIST (continued)***

### **Material Handling Equipment (continued)**

- (1) 6,000 lb. Clark Lift Truck, Model C500-S80
- (1) 5,000 lb. Toyota Forklift Model 6FGC25
- (1) 1993 Ford L9000, (50,000 lbs. Payload) Flatbed Truck

### **Inspection Equipment**

- (1) ZEISS Eclipse CMM, Model: SYS;EC,2840DCC,TS16BIT  
Table 32" x 50"

### **Engineering CAD/CAM/CMM Software**

- (2) Seats Pro Engineer Creo Modeling Package
- (1) Auto Cad Drafting Package
- (1) Dynaform-PC Die Simulation Software
- (2) Seats Power Mill CAM Package
- (1) Master CAM
- (1) Gibbs System CAD/CAM Package (EDM)
- (1) Calypso CMM Programming Package