



Equipment List

Laser/Punching	Steel	Aluminum	Automation
(2) Mitsubishi lasers 2000 watt 4' x 8'	0.250	0.125	Shuttle table
(1) Mitsubishi laser 4000 watt 5' x 10'	0.625	0.250	Shuttle table
(1) Amada Apelio laser/punch w/loader	0.187	0.125	# 4000 material 11" high
(1) Amada EMLK laser/punch w/loader	0.250	0.190	100% brush table
(1) Amada EMLK laser/punch w/tower automation	0.250	0.190	Auto loader 5 x 10
(1) Fladder 200 Gyro			Automated deburring system

Brakes	Steel	Aluminum	
(1) Amada HG1003 110 ton 10'	0.250	0.190	Automatic Tool Changer; Dr. ABE programming software; material thickness bending sensors
(1) Cincinnati 60 ton 4'	0.250	0.190	European style tooling; program storage/retrieval
(1) Dener 176 ton 13'	0.250	0.190	
(1) Toyokoki 193 ton 10'	0.250	0.190	
(1) Toyokoki 94 ton 8'	0.250	0.190	
(1) Toyokoki 40 ton 4'	0.250	0.190	
(1) Toyokoki 20 ton 2'	0.135	0.125	
(2) Toyokoki 31 ton 2.5'	0.189	0.190	
(2) Toyokoki 275 ton 10'	0.380	0.190	
Offline programming software			Metamation

Inserting			
(3) Haeger 4 ton, portable			Portable
(1) Haeger Window touch			Auto bowl feed 4 manual tools
(3) Haeger 6 ton			with auto bowl feed
(2) Haeger 8 ton			with auto bowl feed

Welding	Steel	Aluminum	
(10) TIG / MIG stations	0.500	0.250	Manual
(1) Lincoln robot cell	0.500	0.250	Turntable - 76" diameter
(3) Spot welders	0.187	0.125	

Powder Coating		
5 stage wash w/ iron phosphate sealer	4' x 5' x 10'	Stainless & conveyORIZED
Dry-off oven (stainless steel)		
In-line masking		
Powder booth		Electrostatic application
Bake oven (stainless steel)		
Various quality monitoring devices		
Silkscreening Printer TriLight ST		132 x 152 cm print size
SFC-50 Backbar Clamp		accommodates 38" x 50 " screen size

Assembly		
Pneumatic rivet guns		Magazine loaded
Pneumatic screw & torque tools		Specified torque specs
Wiring		
Hypot & continuity testing		
Custom packaging		
Part marking video inkjet		
All types of mechanical assembly		

Quality		
Virtek laser inspection machine		Flat blank 100 % inspection
(1) Romer arm		Portable
(1) CMM		
(2) XY measuring tables		
(1) Micro-Vu Vision Measuring machine		12" x 12" x 10"
Various manual gages		