

## Equipment / Systems

### Design Capacity

Computer Aided Design (CAD) Systems. [ Design Capacity 24000hrs /year ]:

Catia	CAD System	Formats: CATPart, CATProduct, model, stp, dxf, dwg
Unigraphics	CAD-System	Formats: prt, stp, dxf, dwg, iges
ProEngineer	CAD-System	Formats: prt, dxf, iges
Delcam-Duct ( Powermill )	CAM-System	Formats: dgk, stp, iges
Mastercam	CAM-System	Formats: Catia V5, dxf, iges, parasolid, stp

### Quality Control

DCC CMM	Brown & Sharpe ( Global 12.30.10 )	x,y,z	1200 x 3000 x 1000
DCC CMM	Giddings & Lewis 'Cordax Discovery'	x,y,z	508 x 900 x 406
Sharpe Manual CMM	Brown & Sharp 'Reflex'	x,y,z	356 x 406 x 305
Surface Texture Measuring	MAHR Perthometer M1, SPC Capability		
Profile Projector / Microscopes	Mitutoyo PJ-3000, 10x & 20x magnification, Optoeye Attachment		

### Assembly and Test Facilities / Processes

Environmental / Clean Room	ITAR Secure & Controlled area
Anti - static,	Riveting
Automatic Beading process	Electrical Mechanical Test Stations

### Quality & Management Systems

Quality standard AS9100, (Cert.# MEL 4000283)	Systems :	ITAR Compliant
Quality standard ISO/TS16949 (Cert.# MEL 0403487/A&B)		SAP - ERP
Quality standard EN/ISO13485:2003 (Cert.# Q2N 070662906)		APQP
		KCC

### CNC Machining

6 x 3 Axis	Vertical CNC	560 x 410 x 450	10,000rpm	23000hrs
6 x 4 Axis	Horizontal CNC Mazak HTC 400	400 x 400 x 450	10,000rpm	23000hrs
4 x 4 Axis	Horizontal CNC Kira 40Hb	400 x 400 x 350	8,000rpm	19200hrs
6 x 4 Axis	Horizontal MMC / FMS	560 x 560 x 650	20,000rpm	25200hrs
6 x 5 Axis	Mazak Variaxis	630 x 500 x 500	25,000rpm	10500hrs
1 x 5 Axis	CNC Mazak Vortex 5 Axis	3240 x 800 x 610	12,000rpm	5500hrs
4 x	Mazak CNC Mill/Turn	D320 x 500	4,000rpm	15200hrs

### Finishing Equipment

3 x Rumbling Machines BV5DR 150L	Surface Treatment: RoHS Alodine
2 x Drying Machines	Shot Blasting Machines: 1 x BEBC-912 Burwell (Manual)
Heat Treatment: BH&A 10Kw Oven	Shot Blasting Machines: 1 x Burwell (Automatic)