

# Visioneering Equipment List

CNC Machines	X Axis (in/M)	Y Axis (in/M)	Z Axis (in/M)	W Axis (in/M)	Control	Description/Capabilities
Henri Line Giga Mill 19 HS/5	600/15.2	98/2.5	49/1.3		GE Fanuc 30	5 Axis contouring milling machine (3/2008)
Mecof Agile M5.3 5 Axis Milling	394/10	59/1.5	104/2.7		Fidia C20/X	5 Axis contouring milling machine
Mecof Agile CS500	312/8	48/1.2	66/1.7	360 Deg.	Fidia M2	5 Axis contouring milling machine
Ingersoll Milling	295/7.5	112.2/2.9	31.5/0.8	68.9/1.8	Fidia C20/X	6 Axis vertical adj. rail, 2 Axis nutator, 90 head
Cincinnati N/C Profiler	268/6.8	76/2.0	18/0.5		Acromatic 2100	5 Axis Horiz., A+/-22.5, B21L 51 R Prog., Rot./Ind. Table
DeVlieg Horizontal Mill	70/1.8	42/1.0	15/0.4	15/0.4	Diatrol	3H-72 horizontal position
Visioneering Duplex Milling	209/5.3	78.5/2.0	46.25/1.2		Fidia C10/X	Duplex 3 Axis CNC
CNC VTL	103/2.6 diameter swing		68/1.7		Fanuc	
CNC Machining Centers	X Axis (in/M)	Y Axis (in/M)	Z Axis (in/M)	W Axis (in/M)	Control	Description/Capabilities
Dahlih Vertical Milling	53/1.4	25/0.6	27.6/0.7		Fanuc 11M	3 Axis vert. CNC, 24 position auto. Tool changer
(2) Hurco 64	64/1.6	34/0.9	30/0.8		Ultimax	3 Axis vert. CNC, 24 position auto. Tool changer
(2) Hurco 84	84/2.1	32/0.8	31/0.8		Ultimax	3 Axis vert. CNC, 24 position auto. Tool changer
Makino	49/1.3	31/0.8	27/0.7		Fanuc 6M	3 Axis vert. CNC, command NC tracer Attachment
Fadal	30/0.8	16/0.4	20/0.5		CNC 88HS	3 Axis vert. CNC, rot/tilt unit, 21 pos. Auto tool changer
Weld/Fabrication	X Axis (in/M)	Y Axis (in/M)	Z Axis (in/M)	W Axis (in/M)	Control	Description/Capabilities
Eleven (11) welders, with seven welders certified 3G to 6G, with a combined experience pool of nearly 300 years						
(3) Miller Dynasty 700 Amp tig welders designed especially for aerospace						
(1) Miller 500 Amp syncrowave tig welder						
(2) Miller 350 Amp syncrowave tig welder						
(2) Miller 351 Amp syncrowave tig welder						
(1) Thermal arc 400 Amp tig welder						
(2) Miller spool-o-matic aluminum mig welders						
(3) Miller 452 Delta weld mig welders						
(1) Lincoln 400 Amp Idealarc mig welder						
(1) Miller 350 mig welder						
(1) Miller 251 mig welder						
(1) Miller plasma arc cutting machine						
(1) Hypertherm plasma-cutting machine						
Techni Waterjet	72/1.8	144/3.7	6/0.2		Windows PC	2.5 Axis Waterjet
(2) Accupress 750012 Press Brake						500 Ton CNC Press Brakes with 12 in. beds
Hydmech M20-A Saw	18/0.5	32/0.8	Unlimited		PLC 100 Mitsubishi	Programmable Saw
Hydmech M23-A	16/0.4	18/0.5	Unlimited		PLC 100	Programmable Saw
General Machining	X Axis in.	Y Axis in.	Z Axis in.	W Axis in.	Control	Description/Capabilities
(9) Bridgeports						
(1) Lathe						
Inspection Department						
CMM Machine/Software	X Axis in.	Y Axis in.	Z Axis in.	Qty	Drive System	Description/Capabilities
SMX Laser Tracker/Insight/PC-Dmis	Unlmted	Unlmted	Unlmted	2	Auto Drive	SMX 4500 Laser Tracker
Faro Laser Tracker/Verisurf	Unlmted	Unlmted	Unlmted	2	Auto Drive	
Other						
K&E Paragon Jig Transit Type 71-1010 (6 Total)						
K&E Paragon Tilting Level Type 71-3010 (2 Total)						
Miscellaneous Optical Support Tooling – Tripods, Wyteface Alignment Scales, etc						
SPC Center 1 Datamye Collector LMI 770 – SQC Pak Software						
Program Management - Planning, Tracking, & Communication Support						
CAD/Design Software						
Catia V5 – HD2 – 22 licenses						
Catia V5 – MD2 – 3 licenses						
Catia V4 – 12 licenses						
Enovia – 17 licenses						
STEP translator – 1						
IGES translator – 2						
Machine Shop Software						
NC5 – 2						
Work NC – V18 (5) seats						
TEBIS – 1 seat						