

## Plant List



### VCN-530C

4-Axis CNC Machining Centre

- "X" 1050mm by "Y" 550mm by "Z" 500mm work envelope
- Spindle speed 12000 rpm
- 30 tool station



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**VTC-800/20SR**

5-Axis CNC Machining centre

- "X" 2000mm by "Y" 800mm by "Z" 720mm work envelope
- Spindle speed 18000 rpm
- 30 tool station



**QT200ML**

Bar Fed Lathe CNC Turning centre

- 320mm Max turning capacity
- Spindle speed 5000 rpm
- 65mm bore capacity



**Okuma MCV16A CNC Bridge Mill**

CNC Machining centre

- "X" 2000mm by "Y" 1600mm by "Z" 1100mm work envelope
- 50 tool station
- Spindle speed 10000 rpm



**Mitsubishi Wire Eroder EDM**

CNC Machining centre

- "X" 500mm by "Y" 350mm by "Z" 300mm work envelope



LKG90C Co-Ordinate Measuring Machine

- “Y” 3000mm by “X” 1200mm by “Z” 1000mm work envelope

## **Fabrication**

- Kemppi 500 Amp MIG/MMA Welding Plant
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- LORCH V30 AC/DC TIG Welding Plant
- Power Rollers
- Coded Welding to BS EN ISO 9606-1

**ISO 9001-2015 FS 72477**

**EN 1090 – 1 / CE 0086-CPR-623113 EXC-2**

**LEEA – 6371**

- FAIR – First article inspection reports
- ISIR – Initial sample inspection reports
- Annual AQA calibration
- LKG90C Co-Ordinate Measuring Machine 3000 x 1200 x 1000
- PC-DMIS Inspection software
- Non-contact vision measuring system
- Magnetic Inspection (PCN & ASNT)
- Dye Penetrant Inspection (PCN & ASNT)
- Ultrasonic Inspection (PCN & ASNT)
- CE Marked fabricated structures to execution class 2
- Lifting and testing

## **Design**

- Siemens NX Design Software CAD/CAM (2 seats)
- Auto CAD Software



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### **Materials**

- Aerospace alloys
- Titanium
- Inconel
- Stainless steel
- Plastics
- Copper
- Brass
- Steel