



---

## Capacity Overview

p1 of 2

### CNC Tube Manipulation

- 0.125" up to 3.00" diameter
- 3.20mm up to 76.00mm diameter
- Beading, flaring and swaging facilities
- DNC Link to CMM & CAD Systems

### Welding & Brazing

- Mechanised TIG Welding (Orbital)
- Hand Welding All Materials
- MIG - TIG - Projection Welding
- Brazing
  - Induction
  - Hand
  - Vacuum

### Non-destructive Testing

- Radiological Examination - X-Ray
- Crack Detecting - Penetrant and Fluorescent Flaw Detecting
- Pressure & Leak Testing to 20,000 psi,
  - Air, Hydraulic, Water, Phosphate Ester

### C.N.C Machining

- CNC Lathes with Third Axis Facility
- CNC Machining Centres with Fourth Axis Facility

### CMM - Measuring Centre

- Table Area 10ft x 2.75ft - (3.0m x 0.8m)
- Modular Fixturing for Development & Pre-Production Work

### CAD - Computer Aided Design

- Various CAD Programmes
- Capability to process most file formats - Data Interchange Facilities



# Freeman & Proctor Ltd

**Designers & Manufactures  
Fabricated Tubular Assemblies  
Aerospace & Automotive Applications**

---

## Capacity Overview

p2 of 2

### Tool Making & Prototypes

- Fully equipped in-house tool-room
- Design & Manufacture of Prototypes including Rapid Prototyping Service

### Swaged Fittings

- Capability to process most Swaged Pipe Fittings, including Permaswage and Harrison Fittings

### Fabrication of Ducting

- Specialist skills to hand form complex pipe profiles and to fabricate branch pipe assemblies and ducting