



Equipment List

Please see the list of our equipment and capabilities below. For more information, please go to www.orchidcomponents.com, email jimc@orchidcomponents.com or call **07500 72968**

Hardware

<i>Description / Link</i>	<i>Key Statistics</i>
XYZ 710 VMC	500mm x 400mm x 710mm
XYZ Proturn 1630 CNC Lathe	Diameter 400mm x 900mm
Agemaspark EDM 300 x 250 x 250	320mm x 200mm x 200mm
Cylindrical grinder	600mm x 254mm
Ward Forsyth VO 40S Hydraulic Press	40 tonnes x 400mm throat
Carbolite CWF 1100 Industrial Furnace	300mm x 300mm x 300mm
ESAB Tig 2200i AC/DC	220A
TECARC TT600Welding Turntable	Maximum welding current 300A
Guyson Formula 1600 bead blaster cabinet	1000mm x 700mm x 400mm
Oxford 150A Rockwell Hardness Tester	Rockwell A, B & C
DEA Swift CMM	300mm x 400mm x 450mm
Einscan 3d scanner	0.2mm accuracy
Zortrax M200 3D printer	220mm x 220mm x 150mm
Promach UE 250 horizontal bandsaw 250 x450 mm	250mm x 450mm or Diameter 250mm
Warco Slip Rolls and Box Folder	1200mm x 2.5mm

Software

<i>Description / Link</i>	<i>Key Statistics</i>
AutoDesk Fusion 360	Engineering Design and Manufacture
PTC Creo 7.0	Engineering Design and Manufacture
Keyshot Pro Version 7	Visualisation and animation

Precision Engineering

Prototypes

Metrology

3D Design

Repairs

Machining

Welding

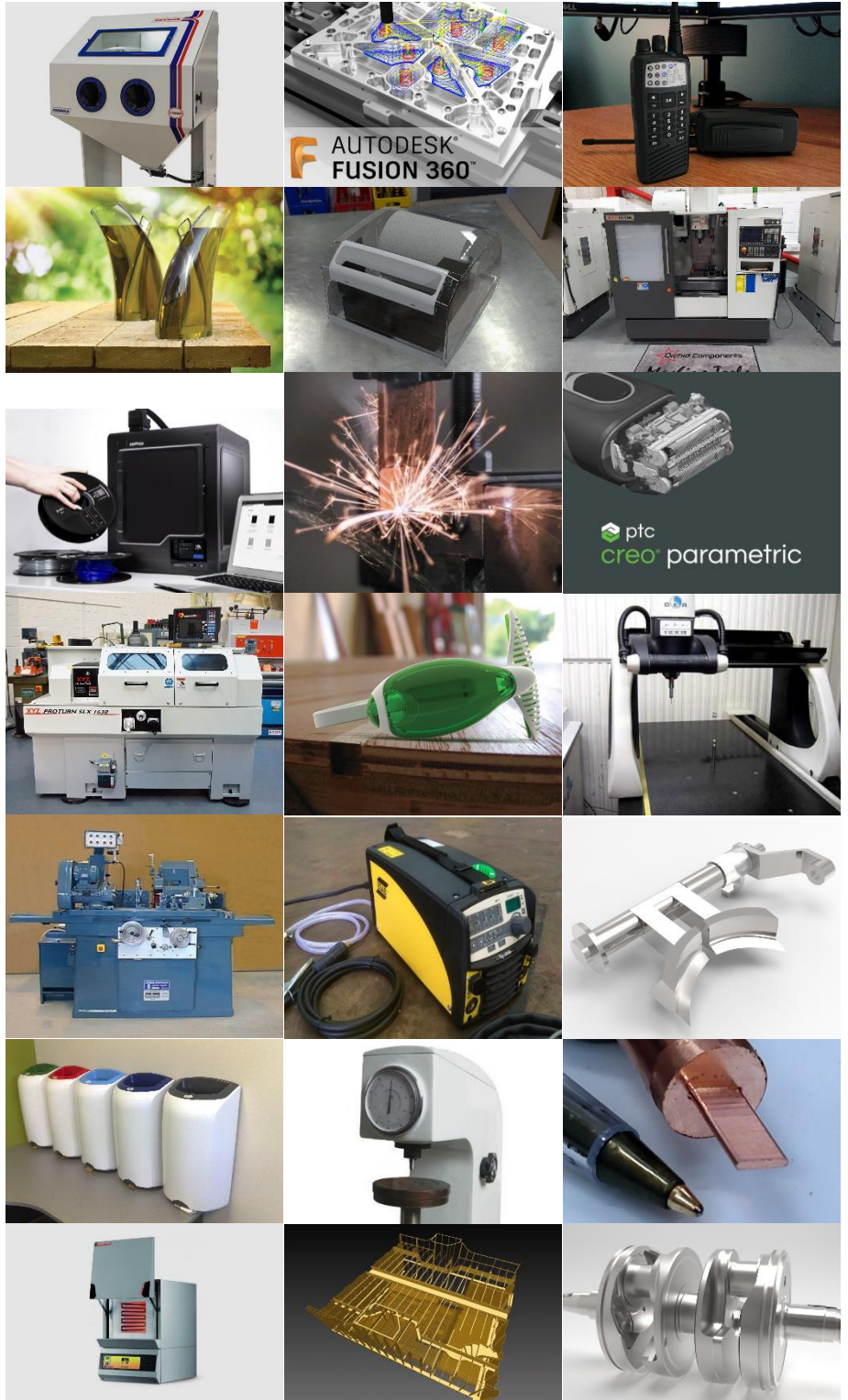
Production

3D Printing

Simulation

Heat Treatment

Fabrication



Specialist engineering design, prototype and production services.

Including concept design and visualisation, prototype production, analysis, detailed production engineering and complex assembly manufacturing