

CAPABILITIES

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CNC Milling

Okuma MB56VA15 (1050 x 560 x 600mm – 15000 RPM) integrated 4th axis
 Okuma MB56VA25 (1050 x 560 x 600mm – 25000 RPM) integrated 4th axis
 Okuma MF 46VA15 (760 x 560 x 600mm – 15000 RPM) twin pallet
 Eumach NC 3021 (3200 x 2200 x 700mm – 8000 RPM) 5 axis trunnion table
 Eumach 1600P (1600 x 815 x 700mm – 10000 RPM)
 Eumach NC 1000 (1000 x 800 x 700 – 18000 RPM) 3+2 axis
 Hartford HV80 (2000 x 1000 x 800mm – 4000 RPM)
 Haas VF3 (1000 x 500 x 500mm – 6000 RPM)
 Union Horizontal Machine Centre (2500 x 1500 x 900mm – 2000 RPM)
 Strathclyde HS500 (500 x 500 x 500mm – 30000 RPM) dedicated for Graphite



CNC Turning

Okuma LB3000 (x 2) (410 ϕ x 1000mm – 5000 RPM) including Milling, C&Y axis
 Okuma LB4000 (480 ϕ x 2150mm – 4200 RPM) including Milling, C&Y axis
 Okuma LB300 (300 ϕ x 500mm – 4000 RPM)
 Okuma LB25 (x 2) (400 ϕ x 500mm – 3000 RPM)



CNC Wire Cutting

Charmille Robofil 510 (700 x 400 x 400mm)
 Fanuc WW2 (500 x 400 x 300mm submerged tank)
 Sodick AG600L (600 x 400 x 350mm submerged tank plus 120 UV travel)



CNC EDMs

Sodick AG60L (600 x 420 x 370mm with integrated 4th axis)
 Strathclyde STH35-30 (350 x 300 x 300mm)
 Strathclyde STH200-10 (2000 x 1000 x 700mm with integrated 4th axis)



CNC Router

Anderson Router (5000 x 2000 x 1500mm – 18000 RPM with 5 axis)
 (Non-Metal machining)



Reverse Engineering/3D Printing

FARO Arm and Laser Scanner (x 2)
 Guided II 3D Printer (x 2)

Inspection

Starrett Vision System (711 x 610 x 200mm) plus 300mm Z axis travel
 NATA Laboratory

CAD/CAM

Powermill x 6 seats
 Powershape x 4 seats
 Mastercam x 2 seats
 Capability to translate most formats