

Ashton Jig & Tool Co Ltd. CAPACITY LIST

Jon Clifton MD Mobile: 07843 050 051 E-mail: jon@ajt1.co.uk Telephone 0161 330 4902

Laser Engraving

- 1 – Technifor Laser Workstation LW3 Fibre Optic with 4th axis (Mainly for Steels)
- 1 – Technifor Laser LS100EX CO2 with 4th axis, Cut & Engrave area 600 x 300 (Mainly for Plastics & Wood)

DESIGN:

Softech 2D Expert CAD, OneCNC 3D Solid Creator

INSPECTION:

- 1 – Scirocco Co-ordinate Measuring Machine 2000 x 1000 x 860 PCDmis Cad++2016. Temperature controlled room.
 - 1 – Trimos Digital Height Gauge 0.001mm reading, 600mm high
 - 1 – Mitutoyo Digital Height Gauge 0.001mm reading, 600mm high
- Micrometers, Slip Gauges, Bore Gauges etc, All Equipment Calibrated. Over 400 pieces of measuring equipment

WIRE EROSION:

- 1 – Fanuc Robocut Alpha c600i WB AWF X600, Y400, Z400 (cutting area)
- 1 – Fanuc Robocut Alpha -liA AWF X520, Y370, Z410 (cutting area)
- 1 – Fanuc Robocut Alpha-OiC AWF X320, Y220, Z250 (cutting area)
- 1 – Fanuc Robocut Alpha- OiA AWF X320, Y220, Z180 (cutting area)

ELECTRO DISCHARGE MACHINING:

- 1 – Joemars VEDM hole drilling machine 528DZ, 0.3 diameter – 3mm diameter
- 1 – Joemars JM650FZ Spark Eroder
- 1 – Joemars NZ50 Spark Eroder
- 1 – Hurco 900M Spark Eroder
- 1 – Joemars TR100 Portable Tap & Drill Remover

CNC MILLING: Full 3D 4 axis machining

- 1 – Correa Diana 25 Horizontal CNC X2500 Y1000 Z1000
 - 1 – Quasar VMC 1500 XP3 HPD, X1500, Y660, Z610 + 4th Axis
 - 1 – Quasar VMC MV 204V, X1270, Y700, Z610
 - 1 – Quasar MV184P VMC, X1000 Y660 Z600
 - 1 – Doosan DNM 5700, X1300, Y7670, Z625 with Alberti Right angled head (Minimum aperture access 100mm diameter x 145mm deep) + 4th Axis
 - 1 – Bridgeport Interact 720, X760, Y410, Z450 + 4th Axis
- 3D Cad Cam Software

Conventional MILLING:

- 1 – Herbert DeVlieg Jig Mill No 43H72 X1800, Y900, Z1250 3 axis DRO
- 1 – Rotary Air Lift Table

CNC TURNING:

- 1 – XYZ XL1100 CNC Lathe with Tailstock. 2000mm between centres 1000mm diameter 4 Jaw Chuck
- 1 – XYZ XL1100 CNC Lathe with Tailstock 1500mm between centres 1000mm diameter 4 Jaw Chuck
- 1 – XYZ Pro-turn CNC SLX 555-3000mm between centres 3 and 4 Jaw Chucks
- 1 – Victor Model V Turn S26 CNC Lathe. 250mm diameter 3 Jaw Power Chuck, 600mm between centres. With Live Tooling
- 1 – Victor Model V Turn 26/ 60 CNC Lathe. 250mm diameter 3 Jaw Power Chuck, 600mm between centres
- 1 – Victor Model V Turn 36 – 125 CNC Lathe. 380mm diameter 3 Jaw Power Chuck, 1250mm between centres

Conventional TURNING:

- 1 – DS & G Type 25 Gap Bed Centre Lathe x 72” (1830mm) between centres, 2 axis DRO. 1000 diameter swing in gap
- 1 – Colchester Mastiff 1400, 80” (2032mm) between centres, 2 axis DRO
- 1 – Colchester Triumph 2000, 54” (1372mm) between centres, 2 axis DRO
- 1 – Colchester Triumph 2000, 39” (1000mm) between centres, 2 axis DRO

JIG BORING:

- 2 – Genevoise SIP Hydroptic 6A
- 4 – Rotary Inclination Tables

GRINDING:

- 1 – Perfect PFG-50-150 AHR (500mm x 1500mm) Surface Grinder
- 1 – Perfect PFG-40-80 AH (400mm x 800mm) Surface Grinder
- 1 – Jones & Shipman 1027. 10” x 27” (254mm x 686mm) Surface Grinder
- 1 – Jung 8” x 24” (204mm x 610mm) Surface Grinder

FITTING:

- 1 – 3’ 6” (1067mm) Archdale Radial Arm Drill
- 1 – Pollard Pillar Drill
- 1 – No. 6 Sweeney & Blocksidge DB tall Fly Press
- 1 – Mills 30 ton hydraulic ‘C’ Frame Press
- 1 – Addison CB250A Automatic Horizontal Bandsaw
- 1 – Startrite Vertical Bandsaw
- 1 – Roscamat Tapping Machine M2-M27 Capacity

