



Aircraft Ground Support Equipment
Precision Engineers & Toolmakers
Jigs & Fixtures
Electrical & Electronic Engineers
Design & Development Support

Precision Engineering (Frome) Ltd.



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April 2016

Page 1 of 2

CAPACITY LIST

MILLING

2 OFF XYZ LPM CNC Machining Centres. Table 900mm x 500mm. Travel X=785mm, Y=470mm, Z=530mm

2 OFF: XYZ PRO 4000 CNC Bed mills. 1 off three axis, 1 off two axis. Table 1475mm x 355mm. Travel X=1065mm, Y=510mm, Z=660mm.

1 OFF: XYZ SMX SLV CNC Turret Mill Table 1473mm x 305mm. Travel X=1000mm, Y=430mm, Z=405mm

2 OFF: XYZ SMX 3000 CNC Turret Mill. Table 1370mm x 305mm. Travel X=810mm, Y=430mm, Z=405mm.

3 OFF: XYZ PRO 3000 CNC Turret Mills. Table 1370mm x 305mm. Travel X=810mm, Y=430mm, Z=405mm.

1 OFF: XYZ PRO 5000 Three Axis CNC Bed Mill. Table 1930mm x 355mm. Travel X=1525mm, Y=610mm, Z=585mm.

1 OFF: Tos Kurim FNK 25 Turret mill. Table 1240mm x 305mm. Travel X=900mm, Y=400mm, Z=500mm.

VERTICAL BORING

1 OFF: Webster Bennett 1530mm diameter vertical borer.

JIG BORING

1 OFF: SIP MP-4G Jig borer. Table 610mm x 710mm x 460mm.

TURNING

1 OFF: XYZ Proturn SLX 555 CNC Lathe. 560mm swing over bed, 780mm swing in gap, 350mm swing over cross slide x 1750mm between centres. Spindle bore 104mm.

1 OFF: XYZ Proturn 410 CNC Lathe. 470mm swing over bed, 270mm swing over cross slide x 1100mm between centres. Spindle bore 80mm.

1 OFF: XYZ Proturn 350 CNC Lathe. 390mm swing over bed, 200mm swing over cross slide x 760mm between centres. Spindle bore 50mm.

1 OFF Colchester Mastiff 140 Lathe. 535mm swing in gap, 305mm swing over bed x 2000mm between centres.

1 OFF: Colchester Mascot VS200. 460mm swing over bed, 270mm swing over cross slide x 2000mm between centres.

1 OFF: Colchester Student Lathe. 203mm swing over bed x 1065mm between centres.





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GRINDING

- 1 OFF: Jones and Shipman 540 surface grinder. 150mm x 430mm x 200mm travel.
- 1 OFF: Large surface Grinder. 255mm x 560mm x 230mm travel.
- 1 OFF: Jones and Shipman Cylindrical Grinder. 250mm diameter x 685mm travel.

EDM

- 1 OFF: Fanuc Tape Cut W2 Wire Eroder 450mm x 650mm x 300mm

FABRICATION

- 1 OFF: KEMPPI 3200 Mig welding Plant.
- 1 OFF: EWM T351 Tig Welding Plant.
- MMA / ALLUMINIUM / STAINLESS STEEL / MILD STEEL (all welding carried out by qualified personnel)

ENGRAVING & IDENTIFICATION MARKING

- 1 OFF: Deckel Engraving Machine.
- 2 OFF: Rank Taylor Hobson Engraving machines.
- 1 OFF: PRO-PEN marking system.
- 1 OFF: Silhouette Cameo Stencil Cutter for Paint Stencils and Adhesive Decals.
- 1 OFF: T200 Ident Printer for Cable and Sleeve Marking.

ELECTRONIC DEPARTMENT

- Electrical/electronic test equipment manufacture.
- Electrical/electronic control equipment manufacture.
- Cable loom manufacture.
- Facilities for PCB work including antistatic protection.

INSPECTION & TEST

- Fully calibrated inspection and test equipment for mechanical, electronic and electrical inspection.
- FARO Gage inspection with Aberlink measurement software.
- On site inspection available.
- Full inspection and test reports available.

