

Tool Making Division Capacity List

Precision Milling:

CNC Machining Centres

- Wintec DMV3200 | X 3400 Y 2500 Z 800
- Mazak AJV 60-80 | X 2000 Y 1400 Z 508
- Mazak AJV 32 - 605 | X 1500 Y 700 Z 460
- Leadwell MCV-610 CR | X 610 Y 410 Z 510
- Mikron VCE 1000 Pro | X 1020 Y 560 Z 600
- 2off - Mikron VCE 800 Pro | X 800 Y 500 Z 540
- Mikron VCE 600 Pro | X 600 Y 500 Z 540

Conventional

- Bridgeport Turret Mill | X 960 Y 300 With DRO
- Bridgeport Turret Mill | X 810 Y 300 With DRO
- S.I.P MP-6 Jig Borer | X 1300 Y 1070 with DRO

EDM (Wire cut & Spark erosion):

CNC

- Charmilles Robofil 510 wire cut | X 700 Y 400 Z 400
- 2off Charmilles Robofil 440cc wire cut | X 500 Y 350 Z 300
- Sodick K1c Small hole drilling edm | X 200 Y 300 Z 300
- ARD Pulse spark erosion

Turning:

CNC

- DSG 2112 | 315 ϕ x 2030 long x 830 Swing

Conventional

- Colchester Mastiff | 370 ϕ x 2030 long x 810 Swing
- Colchester Chipmaster | 130 ϕ x 510 long

Grinding:

- Jones & Shipman 1415 Surface | X 700 Y 310
- Jones & Shipman 1400 Surface | X 640 Y 180
- 3off Jones & Shipman 540P Surface | X 460 Y 180 with optidress
- Blohm simplex 75 Surface | X 810 Y 560 with Diaform
- Jones & Shipman 1300 cylindrical 230 ϕ X 680 long

Pressing:

- Wilkins & Mitchell 400 Ton Double sided, 2.75m x 1.5m with cushions & windows
- Stanko 160 Ton Double sided, 1.25 x 1.7m with cushions & windows
- Decoiling and feeding equipment
- Build and test area for special purpose machine manufacture

Inspection & Quality Control:

- QCT Quantum Active 664 CMM | X 600 Y 600 Z 400

Lifting & Materials Handling:

- Abus 5 Ton overhead travelling crane 2off
- Abus 2 Ton jib crane 3off
- Forklift capacity to 2 ton
- Transport - 7.5 ton flat bed and box trucks

Sheet Metal Division Capacity List

Bending:

CNC Press Brakes

- Amada 7 axis HFP Press Brakes
From 2500mm x 80tonne to 3000mm x 100tonne

Punching:

- Amada Vipros CNC Punching Cell
X3000 Y1500 Max 3mm thk
Lights out operation

Combined Laser Cutting / Punching:

- Amada EML Punch / Laser Combination
X2500 Y1270 Max 3mm thk
High Speed Punch & Form Function
In Cycle Threading
Load / Unload Facility

Welding:

- 6 axis Robotic MIG / TIG welding cell
- Various MIG / TIG welding plants
- Spot-welding facilities

Powder Coating:

- Automated Norsden powder coating line with 3 stage iron phosphate pre-treatment

Production Presses:

- Stanko 250 Ton Double sided, 2.4m x 1.25m with cushions & windows
- Stanko 160 Ton Double sided, 1.7m x 1.25m with cushions & windows
- AIDA 150 Ton C Frame, 1.1m x 0.76m bed
- HME 55 Ton C Frame, 1.0m x 0.53m bed
- HARE Hydraulic Press, 0.9m x 0.58m with cushions
- Haeger Fastener Insertion System Presses

Guillotine

- Amada Guillotine 2500mm x 3mm thk

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