



The Complete Engineering Solution



## Plant List - Our Facilities

*Utilising our range of state of the art CNC machine tools we produce high quality, high precision parts in an efficient, streamlined manner.*

*Our skilled and experienced engineers are able to complete your tooling requirements to the highest standards.*

### 5 & 3 Axis Machining

- CNC Precision Turning
- Tool Making
- Tool refurbishment
- 3D CAD Design
- Engineering Consultancy
- Project Management

### 5 Axis

#### DMG CMX 70U (2023)

- Traverse: 750 × 600 × 520 mm
- Max Envelope: 800 × 620 × 520 mm
- Rotary Axis (B/C): -10 to +95 / 360°
- Spindle Speed: 12,000 rpm
- Probing: Renishaw spindle & tool setting probes

#### DMG CMX 70U (2022)

- Traverse: 750 × 600 × 520 mm
- Max Envelope: 800 × 620 × 520 mm
- Rotary Axis (B/C): -10 to +95 / 360°
- Spindle Speed: 12,000 rpm
- Probing: Renishaw spindle & tool setting probes

#### DMG CMX 50U (2019)

- Traverse: 500 × 450 × 400 mm
- Max Envelope: 400 × 400 × 400 mm
- Rotary Axis (B/C): -5 to +110 / 360°
- Spindle Speed: 12,000 rpm
- Probing: Renishaw spindle & tool setting probes

#### DMG CMX 50U (2017)

- Traverse: 500 × 450 × 400 mm
- Max Envelope: 400 × 400 × 400 mm
- Rotary Axis (B/C): -5 to +110 / 360°
- Spindle Speed: 12,000 rpm
- Probing: Renishaw spindle & tool setting probes

#### DMG CMX 70U (2023)

- Traverse: 750 × 600 × 520 mm
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### 3 Axis

#### QUASER MV234 PH (2024)

- Max Envelope: 2040 × 760 × 660 mm
- Spindle: 46KW Renishaw spindle
- Linear scales on all axis
- Spindle Speed: 12,000 rpm
- Probing: Renishaw spindle & tool setting probes

#### BRIDGEPORT 1000 Mould Master

- Max Envelope: 1000 × 610 × 500 mm
- Spindle Speed: 10,000 rpm
- Linear scales

#### BRIDGEPORT 800 Digital

- Max Envelope: 800 × 510 × 500 mm
- Spindle Speed: 10,000 rpm
- Linear scales

#### BRIDGEPORT 800 XP

- Max Envelope: 800 × 510 × 500 mm
- Spindle Speed: 10,000 rpm

#### DUGARD EAGLE 1000

- Max Envelope: 1020 × 530 × 510 mm
- Spindle Speed: 10,000 rpm

### CNC Turning

#### CT 65 LTY (2024)

- Live Tooling: 70mm Y Axis
- Bar Capacity: 65mm
- Spindle Speed: 4500 rpm
- Control: Siemens 828D touch screen control

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- Bar Capacity: 65mm
- Spindle Speed: 4500 rpm
- Control: Siemens 828D touch screen control

#### RLX 355 (2024)

- Bar capacity 52mm
- Swing over bed 360mm
- Between centres 1000mm
- Spindle Speed: 4000rpm
- Prototrack touch screen control



The Complete engineering & manufacturing service



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## Plant List - Our Facilities

### Manual Turning

#### HARRISON M300

- Swing over bed: 330 mm
- Between centres: 650 mm
- Variable speed

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- Swing over bed: 330 mm
- Between centres: 650 mm
- Variable speed

### EDM Machining

#### HURCO 900

- Tank Size: 670 x 415mm
- Max Envelope: 430 x 305 x 280mm
- Features: 50amp Generator

### Grinding

#### JONES & SHIPMAN 540P

- Capacity: 0.0025mm cross & vertical
- Max Envelope: 480 x 170 x 280mm
- Spindle Speed: 3,000rpm

### Lifting/Handling

#### HELI HFB318 Forklift

- Capacity: 1800kg @ 500mm L/C
- Features: 400mm Duplex Mast
- Forks: 1070mm

#### WARRIOR Counterbalance Stacker

- Capacity: 250kg
- Max lift height: 1200mm
- Adjustable fork width: 215 - 500mm

### CAD / CAM

#### SOFTWARE

- SolidWorks Professional 2025 - Seats: 1
- Vero VISI Solid Modelling & Surfacing 2025 - Seats: 1
- Vero VISI CAD Viewer 2025 - Seats: 1
- Autodesk PowerMill 2025 CAM - Seats: 3
- Autodesk Fusion 360 2025 CAM - Seats: 3

### Engraving

#### OMTECH 50W Laser Engraver

- Engraving Area: 200mm x 200mm
- Max. Engraving Depth: 0.1mm (0.004 in.)
- Supported Formats: .ai, .bmp, .dx, .dxf, .gif, .jpg, .plt, .png, .tga, .tifn

#### PROPEN DOT MARKER

- Capacity: Materials up to 62Rc
- Features: 5 characters per second
- Max Envelope: 100 x 100 x 300m

### Inspection

#### LK METROLOGY Integra 6.5.4 CMM

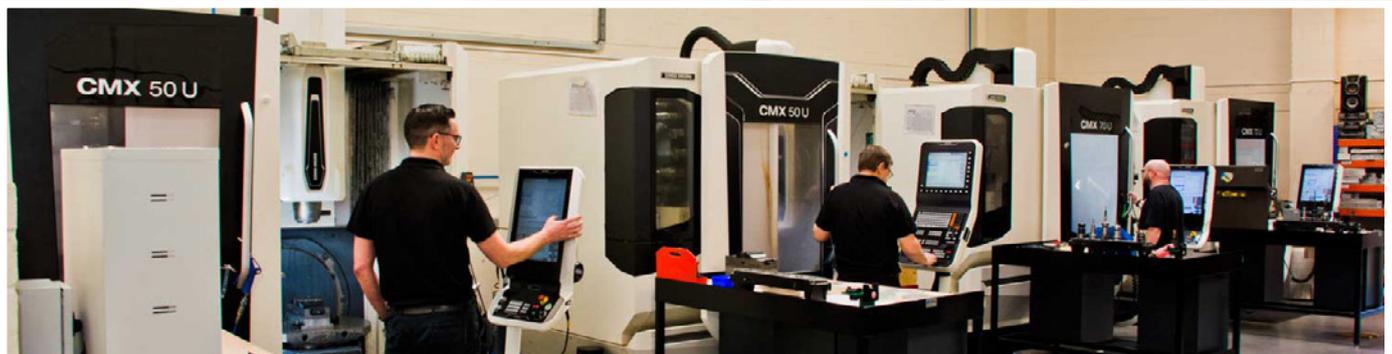
- Max Envelope: 600 x 500 x 400mm
- Renishaw Probes: PH10T & TP20 motorised probes
- Ceramic Guideways: Yes

#### FARO GAGE ARM

- Max Reach: 1200mm
- Features: Touch Probe Measurement
- Added Benefits: On Machine Verification

#### POLYWORKS INSPECTOR SOFTWARE

- Description: Market leading, comprehensive 3D metrology platform



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