



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

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

CT 65 LTY (2022)

- Live Tooling: 70mm Y Axis
- 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



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Manual Turning

HARRISON M300

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

HARRISON M300

- 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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