

CAPACITY LIST

5 – Axis Machining Centre



DMG - DMU 50 x 2

5-Axis, Simultaneous machining, 18,000 rpm, travel: X500 Y450 Z400

The variable table options allow this machine to offer the maximum precision in 5-axis simultaneous machining.



DMG - DMU 50 ECO x 1

5-Axis, 12,000 rpm, travel: X500 Y450 Z400

With the highly dynamic in-line spindle rated at 12,000 rpm and the swivelling rotary table this machine offers the highest 5-axis accuracy.

4 – Axis Machining Centre



Bridgeport 1000VMC x 1

4-Axis, 6,000 rpm, travel: X1020 Y510 Z500

This machine offers high performance vertical machining.



Bridgeport 500VMC x 1

4-Axis, 7,000 rpm, travel: X500 Y340 Z520

This machine also offers high performance vertical machining.



Doosan DNM500 x 1

4-Axis, 8,000 rpm, travel: X1020 Y510 Z510

This machine is versatile which enables it to deliver excellent cutting performance and high process reliability.

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YMT – YMC MV66a x 2

4-Axis, 8,000 rpm, travel X660 Y510 Z560

3 – Axis Machining Centre



Bridgeport 800VMC x 3

3-Axis, 6,000 rpm, travel: X800 Y510 Z500



Bridgeport 600VMC x 1

3-Axis, 6,000 rpm, travel: X600 Y410 Z520



Doosan DNM400 x 2

3-Axis, 12,000 rpm, travel: X762 Y435 Z510

This machine is versatile which enables it to deliver excellent cutting performance and high process reliability.

CAPACITY LIST

CNC Sliding Head Turning Centre



Citizen L20 Series 7 Sliding Head Lathe with 4 Metre Bar Feed
8-Axis, 10,000 rpm, bar capacity up to Ø20mm

This machine offers versatility and economical production of high volume complex parts.

CNC Lathes



Doosan Puma 2600SY – Y Axis Twin Spindle x 1
4-Axis, 4,000 rpm

This machine is renowned for its quality, accuracy and reliability.



Doosan Puma TT1800SY – Y Axis Twin Spindle/Twin Turret
5,000 rpm

This machine has twin opposed spindles two upper/lower turrets which offer high productivity.



Doosan Lynx 220C x 5
Spindle Speed 4,500 rpm

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Doosan Lynx 220LM x 5

Spindle Speed 6,000 rpm

Multi Axis CNC Lathe with live tooling facility and C axis to main spindle.



Doosan Lynx 200LC with 1.5 Metre Bar Feed

Spindle Speed 6,000 rpm

This machine has an oversize spindle bore and draw tube, allowing bars up to 65mm diameter, and offers high accuracy and superior surface finishes.

Manual Lathes



Colchester Triumph 2000

Maximum Spindle Speed 2,500 rpm

Drills

**Pollard 4 Turret with Tapping
Essex Tapping Machine**

Laser Etching



Zetalease Fiber Laser System

Capable of laser marking/part marking a wide range of materials of varying sizes.

CAPACITY LIST

Inspection –

Run by our 5 Full Time Inspectors

Capable of providing C of C's, Inspection Reports, PPAP, Data and full traceability



Mitutoyo B706 – CMM x 1

Measuring Range: X700 Y600 Z450



Faro Gage Arm – CMM

Accurate 3D gauge for measuring smaller parts, offering high accuracy and measuring consistency.



Mitutoyo LH600 Height Gauge x 2



Mitutoyo SJ401 Surface Test Machine

Small Gear – Including verniers, micrometers, pin gauge sets etc.

Certified to ISO9001:2008