

Plant List

Issue 10.0 – 05/19

CNC Machining Centres:

	Machining Cube (mm)	<u>X</u>	<u>Y</u>	<u>Z</u>
MATSUURA MX520 – 5 Axis, 20k RPM, 20 bar TSC		630	560	510
MAZAK VARIAXIS I-700 – 5 Axis		630	1100	600
MATSUURA HP300i – 11 Pallet, 15k RPM, 60 bar TSC		400	410	460
MORI SEIKI NH-4000 DCG – Full 'B' Axis, Twin Pallet, 70 bar TSC		520	520	520
CME UNIVERSAL MILL – FS-3		2500	1000	1500
DOOSAN DNM 650, 70 bar TSC [x2 Machines] - with 4 th axis		1250	600	600
CINCINNATI CFV [x3 Machines] 1000/800 - with 4 th axis		1050	540	560

CNC Turning Centres:

MAZAK INTEGREGX 100-IV S (Mill -Turn) with Bar Feeder-	Max ø540mm / ø77mm (Bar) x 753mm B/c
MAZAK QUICKTURN NEXUS 250 MSY2 -	Max ø380mm / ø77mm (Bar) x 500mm B/c
MAZAK SMART 300 -	Max ø420mm dia x 1300mm B/c
HYUNDAI HIT 6 18N -	Max ø270mm x 500mm B/c
CHALLENGER MICRO CUT –	Max ø570mm dia x 1500mm B/c.

INSPECTION CMM Capacity:

ZEISS WMM850 with PH9 Mk2 Driven Head -	Max: 850mm(X) x 1800mm(Y) x 600(Z)
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Full Toolroom – Small Batch and Specialist Capacity

BRIDGEPORT Turret Mill, with D.R.O.

HARRISON M400 Lathe, 420mm dia. x b/c 1400mm

JONES & SHIPMAN 1400 Surface Grinder 610mm x 200mm

Diamond turning, Shot blasting Surface finishing & 250+ m² large and well-equipped dedicated Assembly area with Overhead Gantry 3.2 Tonne Lift capacity.

Professional CAD/CAM Design Capacity

Facilities for Design & Project Management of bespoke machines, fixturing and 'hemming' tools

2- Seats, Openmind 5-Axis, 1-Seat 3-Axis

2- Seats, Vero 2D & 3D machining software

2- Seats, Vero machining strategist

1- Seat, Autodesk Inventor Professional 2019

All Machining Centres are networked and accept File Types in the following format(s) : STEP / IGES / DXF / CATIA V5 / Pro-Engineer / Solidworks / SAT / JD / Autocad.