

M-CNC ENGINEERING PLANT LIST

Continued investment has enabled M-CNC Engineering to purchase the latest in CNC machining technology and tooling. We have an impressive plant list of top-quality machines. Our in-house expertise and well-honed processes allow us to offer fantastic lead times and competitive pricing.

CNC Turning



DOOSAN PUMA 5100B

Maximum turning diameter
Ø650mm. Maximum turning
length 992mm.



NUMEROUS DOOSAN TURNING CENTRES

50mm, 75mm & 100mm bar fed.
C-axis & driven tooling.



DOOSAN PUMA GT3100M

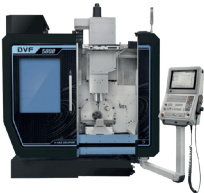
Driven tooling & 100mm bar feed.
Up to 275mm diameter billets.



CITIZEN MIYANO ABX80

Twin spindle, twin turret lathe.
80mm maximum bar diameter.
With driven tooling & bar feed.

CNC Milling



DOOSAN 5-AXIS DVF5000

650mm x 520mm x 480mm.



5-AXIS HERMLE C42 UMT

800mm diameter integral table.
800mm x 800mm x 500mm.



5-AXIS HERMLE C52 UMT

1000mm diameter integral table.
1000mm x 1100mm x 750mm.



5-AXIS IBARMIA ZVH 45/L3000

33000mm x 800mm x 800mm.
800mm rotary table.



5-AXIS DMG MORI DMU50

400mm cubed.
10 pallet pool automation.



DOOSAN DNM 5700

Vertical machining centre.
1050mm x Y 570mm x Z 510mm.



DOOSAN DNM 6700

Vertical machining centre.
1300mm x Y 670mm x Z 625mm.

CNC Mill-Turn



MULTI-TASKING (MULTI-AXIS) TURNING CENTRE DOOSAN PUMA SMX 31000

Mill-turn up to 660mm
diameter x 1540mm length.



7 CMMS

Measuring range up to 3000mm.



LASER SHAFT MEASUREMENT

Measuring range up to 3000mm.

CAD-CAM Programming



SOLIDWORKS

Industry-leading 3D design software used for all stages of part development.



HYPERMILL

CAD/CAM software to create CNC programming for complex parts & components.



EDGE CAM

CAM system for milling, turning & mill-turn programming from 2 to 5-axis machining.



CATIA

Used to design, simulate & analyse complex engineering parts & systems.



ZOLLER

Integrates measuring & admin functions for advanced tooling management & performance.



TRICORN ERP

Improves productivity & reduces inefficiencies, using real-time data to keep every project on track.



FAUSER

Scheduling system used for real time work planning, project & staff workflows.



ABERLINK

Precise measuring software integrated with multiple CMMs.



HIGH QA

Inspection manager software for recording initial & final quality inspections.

