

## 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



#### 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 ABX64

Twin spindle, twin turret lathe.  
64mm maximum bar diameter  
with driven tooling & bar feed.



#### CITIZEN MIYANO ABX80

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



#### DMG MORI NLX 3000

Up to 500mm diameter x  
1,250mm with driven tooling.

### CNC Milling



#### 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.

## CMM Measurement



### 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.



### EDGECAM

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.