

PLANT LIST 2020

KMF
Precision
Engineering

KMF GROUP

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CNC MACHINING

18 CNC Machining Centres: Horizontal, Vertical & 5 Axis Milling Machines

- **2 x Mazak Horizontal Centre Nexus 5000-III**
Control: 1 x Mazatrol Matrix II 1 x Mazatrol Smooth
Trunnion: Full 4th Axis 0.0001° Index **Other Facilities:** BT-40 18,000 rpm Spindle, Renishaw Probe, 70 Bar Thru Spindle, 12 x Pallettech System.
- **1 x Mazak Variaxis i-500**
Control: 1 x Mazatrol Matrix II **Trunnion:** Simultaneous Full 5-Axis
Other Facilities: CAT-40 12,000 rpm Spindle, Renishaw Probe.
- **1 x Mazak VTC 800/30SR**
Control: 1 x Mazatrol Matrix II **Trunnion:** Simultaneous Trunnion + B-Axis Head
Other Facilities: HSK-40 18,000 rpm Spindle, Renishaw Probe, Dividable Table For 'Twin Pallet Working'.
- **1 x Mori Seiki DMU 50 ecoline 5-Axis**
Control: Siemens 840D **Trunnion:** Mori Seiki 3+2
Other Facilities: BT-40 8,000 rpm Spindle, Renishaw Probe.
- **1 x Brother TC-32BN-QT**
Control: Brother CNC-B00 **Trunnion:** Nikken 4th Axis
Other Facilities: BT-30 16,000 rpm Spindle, Single Nikken Trunnion + 600 x 400 MicroLoc Work Holding System.
- **1 x Brother R650X1 Speedio**
Control: Brother CNC C00 **Trunnion:** N/A **Other Facilities:** BT-30 16,000 rpm Spindle, Röhm Workholding
- **1 x Brother TC-32BN-FT**
Control: Brother CNC-B00 **Trunnion:** N/A **Other Facilities:** BT-30 16,000 rpm Spindle, 600 x 400 MicroLoc Work Holding System with Laser Tool Setter.
- **1 x Brother TC-S2DN-O High Torque**
Control: Brother CNC-B00 **Trunnion:** N/A **Other Facilities:** BT-30 10,000 rpm High Torque Spindle, 800 x 400 MicroLoc Work Holding System.
- **1 x Brother TC-S2DN-O**
Control: Brother CNC-B00 **Trunnion:** Nikken 4th Axis **Other Facilities:** BT-30 16,000 rpm Spindle, 700 x 230 MicroLoc Work Holding System Trunnion Table.
- **2 x Brother TC-S2DN-O**
Control: Brother CNC-B00 **Trunnion:** Nikken 4th Axis **Other Facilities:** BT-30 16,000rpm Spindle, 550 x 230 MicroLoc Work Holding System Trunnion Table.
- **1 x Brother TC-S2DN**
Control: Brother CNC-B00 **Trunnion:** Simultaneous Trunnion + B-Axis Head
Other Facilities: HSK-40 18,000 rpm Spindle, Renishaw Probe, Dividable Table For 'Twin Pallet Working'.
- **1 x Bridgeport Quaser MV 154PL**
Control: 1 x Mazatrol Matrix II **Trunnion:** Simultaneous Trunnion + B-Axis Head
Other Facilities: HSK-40 18,000 rpm Spindle, Renishaw Probe, Dividable Table For 'Twin Pallet Working'.
- **1 x Hardinge Bridgeport GX1000B**
Control: Siemens 640D **Trunnion:** N/A **Other Facilities:** BT-40 8,000 rpm Spindle, 1000 x 600 MicroLoc Work Holding System.
- **1 x Hardinge Bridgeport GX650B**
Control: Siemens 640D **Trunnion:** N/A **Other Facilities:** BT-40 8,000 rpm Spindle, 650 x 550 MicroLoc Work Holding System.
- **1 x Cincinnati V-CNC 750**
Control: Fanuc **Trunnion:** N/A **Other Facilities:** BT-40 8,000 rpm Spindle, with Röhm Work Holding.
- **1 x Cincinnati Milacron Arrow 500**
Control: Acramatic 2100E **Trunnion:** N/A
Other Facilities: BT-40 6,000 rpm Spindle

Working Area: 3000 x 800 x 700mm

CNC TURNING & SLIDING HEAD

- **1 x Mazak 250-II MSY**
Control: 1 x Mazatrol Matrix
Other Facilities: 6,000 rpm Sub Spindle, 4,500 rpm Driven Tooling, Bar Fed
- **1 x Star SR-20R IV Type B**
Control: 1 x Fanuc Oi-TD + Star Motion Control
Other Facilities: 8,000 rpm Sub Spindle, 8,000 rpm Driven Tooling, B-Axis Unit, FMB Auto Bar Feeder
- **1 x Star SR-32J**
Control: 1 x Fanuc Oi-TD
Other Facilities: 7,000 rpm Sub Spindle, 5,000 rpm Driven Tooling, FMB Auto Bar Feeder
- **1 x Victor Vturn II - 26 C-Axis**
Control: Fanuc Oi-TD
Other Facilities: Hydrafeed Multifeed MX-1B
- **1 x Victor Vturn II - 26**
Control: Fanuc Oi-TD
Other Facilities: Hydrafeed Multifeed MX-1B
- **1 x Victor Vturn II - 20**
Control: Fanuc Oi-TD
Other Facilities: Hydrafeed Multifeed ML1

Ranging from 1mm to 80mm Ø (Through the chuck)
Capacity to 300mm Ø

QUALITY & FINISHING

Including 2 CMM Machines

- **1 x Wenzel LH65**
Control: 1 x PC-Dmis
- **1 x Mitutoyo Euro Apex C-A544**
Control: QCT Inspect 3D
- **1 x MecWash Mini 300 M219**
Control: Mitsubishi NC
- **1 x PDJ Vibro Rumbler EVP 400**
Control: N/A
- **2 x Guyson Formula 1400 Bead Blaster**
Control: N/A