

Endeavor Engineering Ltd Plant List

All plant and equipment available at our 12'000 SQ. Ft factory

CNC Turning

- **1 x Doosan Puma 2600**
10" Chuck - Ø480mm swing x 760mm long Max.
KID 80 Bar feed – Ø3" bar capacity.
- **1 x Doosan GT2100**
8" Chuck – Ø220mm swing x 400mm long Max.
Quick turn capability
- **1 x Doosan Puma 2600Y**
10" Chuck - Ø376mm swing x 760mm long Max.
'C' Axis Rotation 0 – 360°
'Y' Axis travel - 102mm (total).

CNC Milling

- **1 x Doosan DNM 650**
1200mm (X) x 670mm (Y) x 625mm (Z) machine envelope.
12'000 RPM Spindle.
BT40 Big plus type tooling.
- **2 X Doosan DNM 500**
1020mm (X) x 540mm (Y) x 510mm (Z) machine envelope.
12'000 RPM Spindle.
BT40 Big plus type tooling.
- **3 X Doosan DNM 4500**
1020mm (X) x 540mm (Y) x 510mm (Z) machine envelope.
12'000 RPM Spindle.
BT40 Big plus type tooling.
- **1 X Doosan NHP 5000 (Horizontal Twin Pallet Machining Centre)**
800mm (X) x 1000mm (Y) x 800mm (Z) machine envelope.
20'000 RPM Spindle.
Fully Programmable "B" axis
Pallet management and scheduling system
BT40 Big plus type tooling.

All CNC machining centres are fitted with Renishaw tool setting probes and Inspection plus spindle probes for fast, accurate and repeatable tool and datum setting.

Lifting:

- **2 x 125KG Jib crane with 3500mm of radial travel**
- **1 x 500KG Jib crane with 3500mm of radial travel**
- **1 x 250KG mobile counterbalance lifting trolley**
- **Selection of general slings and lifting equipment.**

Inspection:

- **Purpose built inspection room**
- **1 x QCT CMM – Quantum III S**
600mm (X) x 570mm (Y) x 450mm (Z) Inspection area.
- **Mitutoyo Profile projector – PJA3000**
- Bowers Bore micrometres from Ø6mm – Ø150mm.
- Mitutoyo outside micrometres range from 0 – Ø400.00mm.
- Pin gauging
- Slip block and general gauging.
- Thread gauging and thread parallels.

Finishing:

- Purpose built cleaning room
- Stand alone finishing area.
- Ultra Sonic Cleaning tanks.
- Isopropanol and Acetone cleaning tank.

Programming:

- **Open Mind – Hypermill S**
- **Solidworks CAD**
- **BobCAD - 2D drawing**
- **One CNC workshop CAD viewer and programming software**

Stock and Stocking options:

- **Stocking agreement facility available**
- **KANBAN agreements in place**