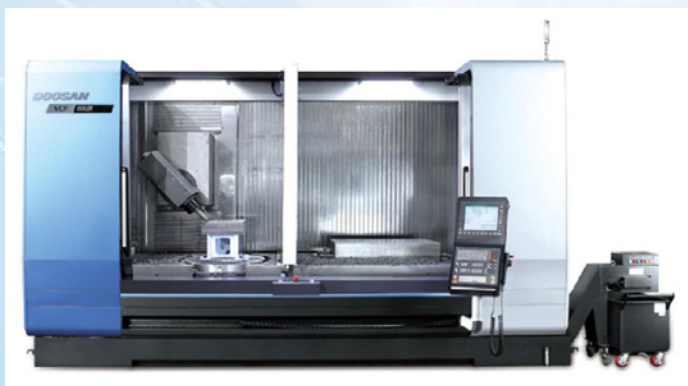
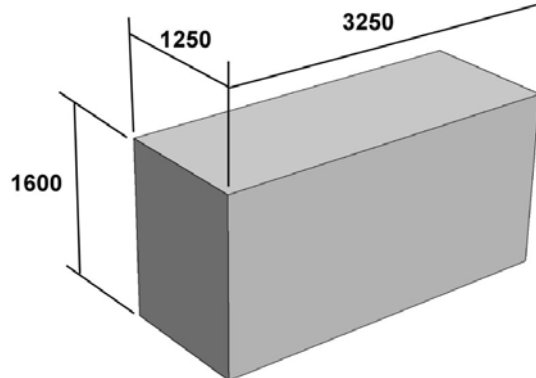


Plant List

CNC Bed Mills – 5 Axis & Large Capacity Machining



Bed Mill Machining envelope



1 x Doosan VCF850 Heidenhain iTNC 560 Full 5 axis capability. X.3000 x Y.850 x Z.800. Renishaw probing. 60 Tool ATC

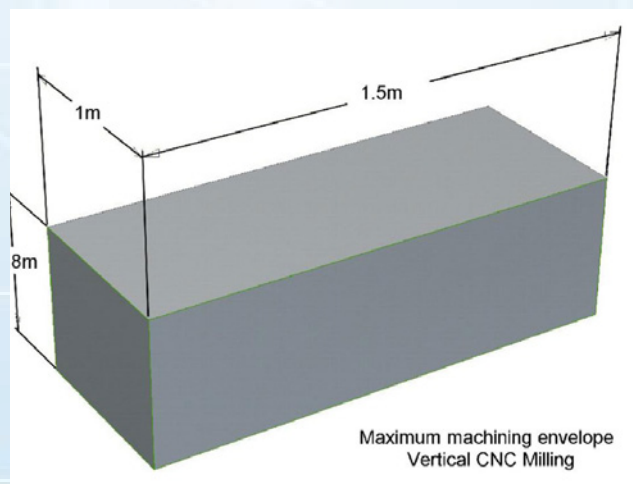
1 x Kiheung U1000PH Bed Mill. Heidenhain TNC 530i Control with full 4.5 axis capability X.2600mm x Y.1000mm x Z.1350mm (40ATC & Programmable head) Renishaw Probing with on machine verification (OMV) capability.

1 x Kiheung U1000MH Bed mill. Heidenhain TNC 530i Control with full 4 axis capability X.2100mm x Y.1250mm x Z.1600mm. Renishaw Probing.

1 x Kiheung U1000PH Bed Mill. Heidenhain TNC 530i Control with full 4.5 axis capability X.3250mm x Y.1250mm x Z.1350mm (24ATC & Programmable head) Renishaw Probing with on machine verification (OMV) capability.

Plant List

Vertical CNC Milling Equipment



Hard Metal Machining

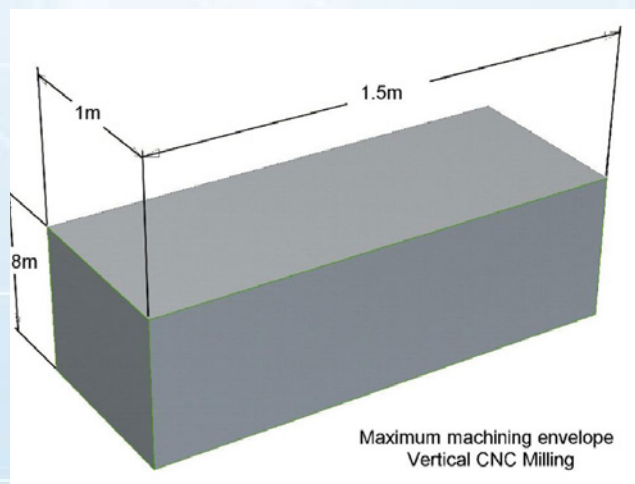
- 1 x Dahlih MCV 1450 HM Geared Head / 32 ATC Fanuc Oi-M control with full 4 axis capability.
- 1 x Dahlih 1020A HM Geared Head / 20 ATC Fanuc Oi-MC Control with full 4 axis capability.
- 1 x Dahlih MCV 1250 HM Geared Head / 24 ATC Fanuc Oi-M control with full 4 axis capability.

Standard CNC Milling

- 1 x Dahlih 720 / 24 Fanuc Oi-MC Control. Complete with full 4 axis machining capability.
- 1 x Dahlih 720 / 24 Fanuc Oi-MC Control. Complete with full 4 axis machining capability.
- 1 x Dahlih MCV 1200 / 32 (High Speed Spindle) Fanuc Oi-MC control with full 4 axis capability.
- 1 x Dahlih MCV 1020 BA / 24 ATC Fanuc Oi-M control with full 4 axis capability.
- 1 x Dahlih MCV860 / 30 Fanuc Oi-MC control with full 4 axis capability.
- 1 x Dahlih MCV860 / 30 Fanuc Oi-MC control with full 4 axis capability.

Plant List

CNC Turning Equipment



- 1 x Doosan Puma 480L 2 axis CNC Lathe. Fanuc 32iT control
- 1 x Hardinge GS42 3 axis CNC Lathe. Fanuc Oi TD control. Short magazine barfeed.
- 1 x Doosan 390L 2 axis CNC Lathe. Fanuc 21sT Control.
- 1 x Doosan S310 2 axis CNC Lathe with Semeca bar feed. Fanuc 18OT Control
- 1 x Doosan S310MT 3 axis CNC Lathe with Semeca bar feed. Fanuc 18OT Control
- 1 x Colchester 2000L CNC Lathe. Fanuc OT control.

Plant List

Semi CNC Machining



- 1 x XYZ SMX 2000 Turret Milling Maching with 3 axis Proto TRAK programming system
- 1 x XYZ SMX2 3000 SLV Turret Milling Machine with 3 axis Proto TRAK programming system
- 1 x XYZ SMX2 3000 SLV Turret Milling Machine with 3 axis Proto TRAK programming system
- 1 x XYZ SMX2 3000 SLV Turret Milling Machine with 3 axis Proto TRAK programming system
- 1 x XYZ PROTUM SLX355 2 axis CNC Lathe with Proto TRAK programming system.

Plant List

Manual Machining Department.



- 1 x Colchester 2000 SB VS with 3 axis Heidenhain DRO
- 1 x Feeler HCT Precision capstan Lathe with 2 axis DRO
- 1 x Bridgeport BR2J2 R8 Turret Mill with 2 axis DRO
- 1 x Huron NU4 Mill with 3 axis DRO.
- 1 x Ariston Autofeed Band Saw
- 1 x Deburr & Surface preparation dept.
- 1 x Kerry Ultrasonic Cleaning / Degreasing System.

Plant List

Laser Marking

JK 20W Fibre Laser Marking Machine.



Inspection Department.

1 x Eley Metrology Hi Res Truth Coordinate measuring machine. Fully programmable. PH10T Renishaw head. 1500 x 830 x 650mm

1 x Eley Metrology Millennium Coordinate measuring machine. Fully programmable, PH10M Renishaw head. 700 x 600 x 500mm

1 x Baty R400 GXL-E Digital profile projector, edge sensor & digital read out. 1 x Nikon V12 Projector with Digital read out.

1 x TESA Micro-Hite 900 (With 2D Panel)

1 x TESA Micro-Hite 350 (With 2D Panel)

1 x Various precision granite surface tables.

Various bore micrometers, external micrometers, slip gauges & general inspection equipment. All equipment calibrated as per our BS EN 9100 REV C approval.

