



Certificate No. 6953

## CAPACITY LIST:

### CNC & MANUAL MACHINING

Direct Engineering offer a wide range of facilities in our machining facility offers CNC Milling, CNC Turning and manual machining. Offering products from one off's to large batch-work, working to fine tolerances in a wide range of materials i.e.

- Stainless Steel
- Aluminium
- Mild Steel
- Copper
- Brass
- Plastics
- Composites (Tuffnel etc)

We provide a variety of machined components for a wide range of blue chip companies within the UK and work closely with all our Customers offering a fast efficient reliable service.

### CNC Milling

#### **HURCO VMX42M MACHINING CENTRE**

X=1066mm Y=610mm Z=610mm. Table 1219mm x 610mm. Winmax Control. 10,000 RPM.

#### **HURCO VM20i MACHINING CENTRE**

X=1016mm Y=508mm Z=508mm. Table 1168mm x 508mm. Winmax Control. 10,000 RPM.

#### **HURCO VM20 4 AXIS MACHINING CENTRE**

X=1016mm Y=508mm Z=508mm. Table 1168mm x 508mm. Winmax Control. 4<sup>th</sup> AXIS.

#### **LION 4VS CNC VERTICAL MILLING MACHINE-**

X= 889MM Y=406mm Z=406mm. Table 255mm x 1370mm. Acu-rite Control.

#### **HURCO HAWKE CNC MILLING MACHINE-**

X= 890mm Y=457mm Z=508mm. Table 305mm x 1280mm. Ultimax Control.

#### **BRIDGEPORT INTERACT TNC145-**

X= 455mm Y=284mm Z=120mm. Table 315mm x 860mm. Heidenhein Control.

Fixtures Available for a wide variety of Precision Milling, Drilling, Boring and Tapping operations.

### Conventional Milling Machines

**Bridgeport Turret Mills Series 1**

**Bridgeport Turret Mills Series 2**

**Horizontal Vertical Milling Machine-**

## CNC Turning

**SAMSUNG PL45 CNC LATHE/MILL-** 900mm Swing, Spindle Bore 120mm, 21" Hydraulic Chuck, Y Axis Machining, C Axis/Driven Tool Machining, 2100mm Between Centers.

**OKUMA & HOWA ACT 3 CNC TURNING-** Spindle Bore 60mm, Collet Chuck, Distance between centers 480mm, Complete with Automatic Quick Load Bar feed. Fanuc OT.

**Nakamura Tome TMC4 CNC TURNING-** 560mm Swing, Spindle Bore 60mm, max Turning Diameter 400mm, Distance between centers 850mm. Fanuc Control. Complete with Quick Load bar Feed

**DANICHI F30 CNC CENTRE LATHE-** 550mm Swing, Spindle Bore 65mm, Max turning Diameter 350mm, and Distance Between centers 1250mm. Fanuc Control.

**HYUNDAI HIT-30M CNC LATHE-** 510mm Swing, Spindle Bore 80mm. Max turning Diameter 350mm, and Distance Between centers 1010mm. Siemens Control. C Axis, Driven Tools. Complete with Quick Load Bar Feed.

**COLCHESTER TORNADO 300-** Maximum Swing 330mm, Max Turning Diameter 300mm Diameter, Max Turning Length 500mm. Spindle Bore 82mm. Fanuc OTC Control.

## Conventional Turning

**Meyer Centre Lathe-** Swing 560mm, Spindle Bore 105mm, Distance between centers 3000mm.

**Colchester Master Centre Lathe 2500**

**Colchester Centre Lathe 1250**

## Conventional Drilling, Spark Eroding & Grinding

**Kitchen walker Radial Arm Drill E3-** 5 Ft Reach.

**Corona Three Spindle Pillar Drill**

**Archdale Two Spindle Pillar Drill**

**Meddings Pedestal Drill**

**EuroSpark Spark Erosion H425-** Table 425mm x 305mm.

**Meyer Geared Head Drilling Machine-** Table 500mm x 420mm, Automatic Feed, Tilted Head, Tapping attachment.

**Surface Grinding**

