

## Machining & Grinding Capacity

### Turning

Maximum Capacity

### 8 Conventional Lathes & 2 CNC Turning Centres

3000mm between centres, swing over bed 630mm,  
swing over cross slide 350mm, facing 800mm diameter  
Doosan CNC Turning Centre 750mm x 370mm diameter

\*\*\*

### Milling

Maximum Capacity

### CNC Bed Mill, VMC's & 6 Conventional Mills

Correa 2500mm x 800mm x 750mm (CNC Bed Mill)  
VMC Doosan DNM650 1270mm x 650mm x 620mm  
VMC's Doosan DNM4500 800mm x 450mm x 510mm

\*\*\*

### Horizontal Boring

Maximum Capacity

### 1 Forge Gilly (with DRO)

Table 900mm x 700mm, spindle 65mm  
Vertical 48" maximum diameter

\*\*\*

### Precision Surface Grinding

Maximum Capacity

### 3 Conventional Surface Grinders

3,200mm x 1,370mm x 860mm high

\*\*\*

### Cylindrical Grinding

Maximum Capacity

### 1 Jones & Shipman 1305 Universal Grinder

250mm diameter x 1,000mm between centres

\*\*\*

### Slotting

### Up to 12" Stroke"

\*\*\*

### Fabrication & Welding

### Mig, Tig & Stick



**Tel: 02920 862223**

**Fax: 02920 862002**

E-mail: [info@gilbertengineering.co.uk](mailto:info@gilbertengineering.co.uk)

Web: [www.gilbertengineering.co.uk](http://www.gilbertengineering.co.uk)

## **Gear Cutting Capacity**

### **Straight/Helical & Double**

Outside diameter Min. - 0.250" /Max. - 54"

### **Helical Cut Teeth**

Face Length 9.5"

Pitch Min. - 48DP/0.5Mod Max. - 1.25DP/22Mod

\*\*\*

### **Sprockets**

Outside diameter - Min. - .0750" Max. - 54"

Pitch Min. - 0.250" Max. - 2.500"

\*\*\*

### **Worms & Wheels**

Outside diameter - Min. - 1" Max. - 24"

Pitch - Min. 48DP/0.5Mod" Max. 3DP/8Mod

\*\*\*

### **Straight Cut Bevels**

Outside diameter - Min. - 1" Max. - 12"

Face - Up To 3.5"

Pitch - Min. 24DP/1MOD Max. 3DP / 8MOD

\*\*\*

### **Internal Straight Cut Teeth**

Outside Diameter - 36"

Inside Diameter - 1"

Face - 3.5"

\*\*\*

### **Lead Screws**

Outside Diameter - Up to 2"

Length - Up to 48"

These can be straight sided or ACME form

Standard pressure angle is 14.5PA & 20PA. Non-standard PA is not an issue upon a cutter being purchased. Internal and external splines are 30PA as standard.

**Tel: 02920 862223**

**Fax: 02920 862002**

E-mail: [info@gilbertengineering.co.uk](mailto:info@gilbertengineering.co.uk)

Web: [www.gilbertengineering.co.uk](http://www.gilbertengineering.co.uk)

## Lumsden Precision Surface Grinder

3200mm x 1370mm x 860mm



## CNC Correa Bed Mill

2500mm x 800mm x 750mm



## Doosan Lynx 300M

Fanuc Controls



## Doosan DNM650

Fanuc Controls



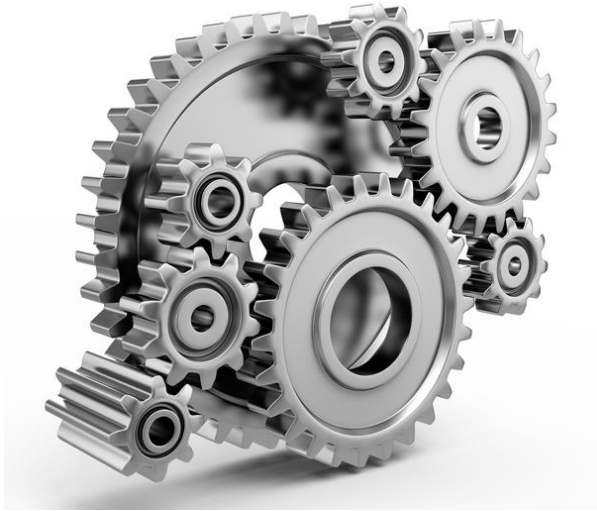
## Machine Shop



# **GILBERT** **ENGINEERING**



URS is a member of Registrar of Standards (Holdings) Ltd.



JR Gilbert Engineering Ltd  
Registered office: Unit 2 Bryn Brithdir, Oakdale Business Park, Blackwood. NP12 4AA

Company Reg.: 1719406