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## **Machining & Grinding Capacity**

<u>Turning</u> <u>8 Conventional Lathes & 4 CNC Turning Centres</u>

Maximum Capacity 3000mm between centres 350 Ø over saddle

Mazak Integrex 35Y 1500mm x 550 Ø Mill Turn

Doosan 300M with Live Tooling

DSG 2200 x 600 Ø & Small Haas CNC Lathe

Milling 13 CNC VMCs inc 5 AXIS & 6 Conventional Mills

Maximum Capacity Correa CNC Bed Mill 2500 x 750 x850

Doosan 5 Axis DNM 3505AX 400 x 335 x 500

Dugard 3 Axis 2200 x 1000 x 900

3 x Doosan VMC DNM650 1270 x 670 x 620

Kitagawa 4 Axis and Nikken 5 Axis on 2 of above

2 x Doosan VMCs DNM4500 800 x 450 x 510

2 x Doosan VMCs DNM4000 520 x 400 x 480

Additional 2 x Bridgeport and Hurco VMCs

Precision Surface Grinding 3 Conventional Surface Grinders

Maximum Capacity 3,200mm x 1,370mm x 570mm high

Slotting Up to 12" Stroke"

Fabrication & Welding Mig, Tig & Stick

Waterjet Cutting OMAX Maxiem 3000 x 1500 x 60mm

(Thicker plates can be cut also)

Tel: 02920 862223

E-mail: info@gilbertengineering.co.uk Web: www.gilbertengineering.co.uk

JR Gilbert Engineering Ltd Company Reg.: 1719406

Registered office: Unit 2, Bryn Brithdir, Oakdale Business Park, Blackwood NP12 4AA







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### **Gear Cutting Capacity**

Straight/Helical & Double Outside diameter Min 6.35mm / Max 1375mm

<u>Helical Cut Teeth</u> Face Length 240mm

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

Sprockets Outside diameter – Min 19mm / Max 1375mm

Pitch Min 6mm / Max 64mm

Worms & Wheels Outside diameter – Min 25mm / Max 60mm

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

<u>Straight Cut Bevels</u> Outside diameter – Min 25mm / Max 300mm

Face – Up To 90mm

Pitch – Min 24DP/1MOD to Max 3DP / 8MOD

<u>Internal Straight Cut Teeth</u> Outside Diameter 915mm

Inside Diameter 25mm Face 90mm

<u>Lead Screws</u> Outside Diameter – Up to 50mm

Length - Up to 1220mm

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.

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See website for Gallery and History

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#### **Lumsden Precision Surface Grinder**

3200mm x 1370mm x 860mm





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#### **Dugard HD2210**

#### 2200mm x 1000mmx 1000mm



Doosan Lynx 300M

Fanuc Controls



Doosan DNM650

**Fanuc Controls** 



**Machine Shop** 





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# GILBERT ENGINEERING





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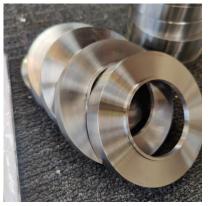


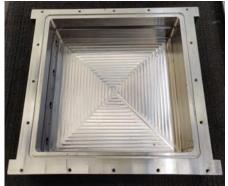




















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