

Machining & Grinding Capacity

Turning

Maximum Capacity

5 Conventional Lathes & 1 CNC Turning Centre

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

Milling

Maximum Capacity

CNC Bed Mill, VMC & 3 Conventional Mills

Correa 2500mm x 800mm x 750mm (CNC Bed Mill)
VMC Doosan DNM650 1270mm x 650mm x 620mm
Hurco Hawk 800mm x 350mm x 350mm (CNC Mill)

Horizontal Boring

Maximum Capacity

1 Forge Gilly (with DRO)

Table 900mm x 700mm, spindle 65mm

Precision Surface Grinding

Maximum Capacity

3 Conventional Surface Grinders

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

Cylindrical Grinding

Maximum Capacity

1 Universal Grinder

300mm diameter x 1,000mm between centres

Fabrication & Welding

Mig, Tig & Stick

Lifting Capacity

5 Tonne & 2 Tonne Over Head Gantry

Bead Blasting and Chemical Blacking Also Available

Tel: 02920 862223

Fax: 02920 862002

E-mail: info@gilbertengineering.co.uk

Web: www.gilbertengineering.co.uk

JR Gilbert Engineering Ltd

Company Reg.: 1719406

Registered office: Wingfield Works, Llanbradach, Caerphilly, CF833RW

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.