

Machining & Grinding Capacity

Turning

Maximum Capacity

8 Conventional Lathes & 4 CNC Turning Centres

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

Maximum Capacity

13 CNC VMCs inc 5 AXIS & 6 Conventional Mills

Correa CNC Bed Mill 2500 x 750 x 850

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

Maximum Capacity

3 Conventional Surface Grinders

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

Slotting

Up to 12" Stroke"

Fabrication & Welding

Mig, Tig & Stick

Waterjet Cutting

OMAX Maxiém 3000 x 1500 x 60mm
(Thicker plates can be cut also)

Tel: 02920 862223

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Gear Cutting Capacity

Straight/Helical & Double

Outside diameter Min 6.35mm / Max 1375mm

Helical Cut Teeth

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

Straight Cut Bevels

Outside diameter – Min 25mm / Max 300mm

Face – Up To 90mm

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

Internal Straight Cut Teeth

Outside Diameter 915mm

Inside Diameter 25mm Face 90mm

Lead Screws

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



Dugard HD2210

2200mm x 1000mm x 1000mm



Doosan Lynx 300M

Fanuc Controls



Doosan DNM650

Fanuc Controls



Machine Shop



