



Machine Shop Capacity Listings

MILLING

CNC Machining Centre

Maximum Sizes: 3200mm x 1000mm x 1030mm
800 diameter rotary mill and index table

TURNING

CNC Turning

Maximum Sizes: 700mm diameter x 1800mm between centres
Chuck turning to 800mm diameter x 300mm long

Conventional Turning

Maximum Sizes: 2000mm diameter x 550mm long in gap, 1450mm diameter over bed, 1070mm diameter over saddle, 6100mm between centres.
Screw cutting multi thread and form up to 152mm lead.
Internal to 1372 length, external to 6100mm length.

BORING

CNC Vertical Boring

Maximum Sizes: 1829mm diameter x 915mm height
Conventional Vertical boring
Maximum sizes: 3100mm diameter x 2083 height

Manual Horizontal Boring

Table size to: 2693mm x 2000mm

CNC Horizontal Boring

Table size to: 2000mm x 2000mm

DRILLING

Radial Arm

Size to: 1220mm arm

Jig Drilling with digital readout

Table size to: 1000mm x 800mm x 550mm

Rev	1
Date	02/12/14



LIFTING FACILITIES

Cranage capacity to 20 tonnes
Forklift capacity to 5 tonnes

INSPECTION: Co-ordinate measuring

Maximum Sizes: x to 1500mm, y to 600mm, z to 800mm with resolution to 0.005mm

WELDING

Full MIG, TIG and ARC facilities

SURFACE TREATMENT

Shot & Bead blasting

OTHER

Slotting, Shaft Grinding, homing, flame cutting, assemblies, reconditioning, CAD design

CONFORMANCE TESTING

Hydraulic pressure testing to 1600p.s.i.
Flow testing to 35 litres/minute
Other NDT facilities available on request

Rev	1
Date	02/12/14