

Capacity List:

Turning (20 Lathes):

Max CNC diameter up to 650mm
Max CNC length up to 2000mm
Max CNC through bore 165.5mm
Bar feeds up to 50.8mm through bore
Sliding head machining from 1.0mm to 32mm
Max manual diameter up to 500mm
Max manual length 1.22m

Milling (15 milling machines):

Max CNC 1200mm x 800mm x 760mm
4th axis up to 400mm
Manual (Part CNC) up to 1000mm x 400mm

Wire Erosion:

Max table size 600mm x 500mm x 400mm

Laser Cutting (3 Machines):

4000mm x 2000mm Bed size
25mm Mild steel, 40mm Stainless Steel, 25mm Aluminium, 10mm Brass & Copper

Pressings:

1200mm x 1000mm Bed Size
Up to 160 tonne

Sheet Metal Work (4 Brake Presses):

3230mm X 130 Tonne Brake Press
Pneumatic fastening inserter

Welding (13 bays):

Water Cooled AC/DC TIG
Synergic MIG
5 Tonne Overhead Crane
5 Tonne Manipulator
Weld Pickling and Passivation

Inspection & Design:

Co-ordinate measuring machine (CMM), range X 1000mm, Y 1000mm, Z 800mm
Keyence image measuring
Full 3D measuring software
Profile Projector with XY Travel range 200 x 100mm
Solidworks 3D Design & Development Software / 3D Cad cam / Offline Programming
NDT (Non-destructive Testing) - MPI (Magnetic Partial Inspection)
Dye Penetrant testing to PCN Standards
CSWIP 3.0 visual welding inspector

Specialist Coating & Finishing:

Polyester & epoxy powder coating 2.4m X 2.4m X 6.2m
1 - 2 - 3 Wet spray systems, stove enamelling, offshore systems, plastic coating
Shot blasting & pre-treatment

