

Capacity List:

Turning:

Max CNC diameter up to 450mm
Max CNC length up to 550mm
Max CNC through bore 91mm
Bar feeds up to 81mm through bore
Sliding head machining from 1.0mm to 32mm

Milling:

Max CNC 1060mm x 500mm x 760mm
4th axis up to 400mm

Laser Cutting:

4000mm x 2000mm Bed size
30mm Mild steel, 40mm Stainless Steel, 30mm Aluminium, 15mm Brass, 12mm Copper

Pressings:

1200mm x 1000mm Bed Size
Up to 160 tonnes

Sheet Metal Work (4 Brake Presses):

3230mm X 130 Tonne Brake Press
Pneumatic Fastening Inserters with Auto Feed

Welding (15 bays):

Water Cooled AC/DC TIG
Cold & Hot Wire Feed 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
Image Measuring
Profile Projector with XY Travel range 200 x 100mm
Hardness Testing
Solidworks 3D Design & Development Software / 3D Cad Cam / Offline Programming

Specialist Coating & Finishing:

3 Stage Phosphate Pre-treatment &
Polyester & epoxy powder coating 2.4m X 2.4m X 7.0m
1 - 2 - 3 Coat Wet spray systems, stove enamelling, offshore systems, plastic coating
Shot blasting
Dedicated Chrome Nickel Shot Blast
Automated Part Deburring and Finishing
Ultrasonic Part Cleaning

Qualifications:

ISO 9001:2015	-	BSI Quality Management System
BS EN ISO 3834 Part 2	-	Welding Management System
EN 15085-2	-	Welding of Railway Vehicles and Components
BS EN 1090-1:2009 + A1	-	Execution of Steel Structures and Aluminium Structures
JOSCAR	-	JOSCAR Supplier Accreditation
Cyber Essentials	-	Certified Compliance of the Cyber Essentials Scheme
BPSS	-	Baseline Personnel Security Standard (BPSS) Certified Staff

