



MANUFACTURING

KEY PLANT LIST CAPACITY LIST

- WELDING
- LASER CUTTING
- QUALITY & INSPECTION
- CNC MACHINING & TOOL ROOM
- BENDING, FOLDING & PRESSING
- SHEET METAL, METAL FINISHING & FABRICATION
- LOGISTICS & TRACEABILITY



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MANUFACTURING

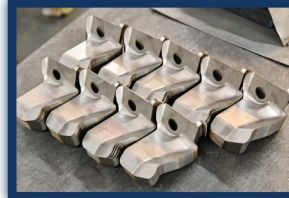
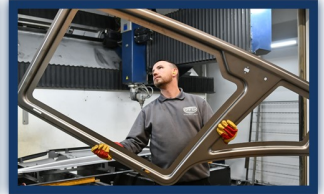
LASER CUTTING

2 X TRUMPF 5030 5-AXIS LASER

Working Environment 2540mm (X) x 1040mm (Y) x 470mm (Z)
Maximum Processing – 4mm Aluminium, 6mm Mild Steel
High-Speed Cutting
Cutting Tolerance 0.2mm
Laser Etching

AMADA VENTIS 3015 FIBRE LASER

Working Environment 3000mm x 1550mm
High-Speed Cutting with Locus Beam Control.
Maximum Processing – 25mm Mild Steel, 20mm Stainless Steel,
18mm Aluminium, 10mm Brass, 8mm Copper.
Blank CAM Software
Laser Etching



BENDING, FOLDING & PRESSING

AMADA HFE 31 5020 HYDRAULIC PRESS BRAKE

Capacity 500kN
Maximum Processing 2000mm (L)
High Accuracy Rapid Development with
Bend CAM & Production Designer Software.

AMADA ITS2 PROMECAM

Capacity 1000kN
Maximum Processing 3000mm (L)
High Accuracy Rapid Development with Bend
CAM & Production Designer Software.

2 X REHA 600T HYDRAULIC PRESS

Capacity 600 Tonnes
Working Environment 2500mm x 1600mm
Open Height 790mm
Shut Height 245mm

SMT 250T HYDRAULIC PRESS

Capacity 250 Tonnes
Working Environment 1300mm x 1600mm
Open Height 600mm
Shut Height 250mm

REHA 100T HYDRAULIC PRESS

Capacity 100 Tonnes
Working Environment 1300mm x 1600mm
Open Height 530mm
Shut Height 200mm

BAILEY BB-7212

Bends 12-gauge mild steel over its full
6-foot (72") length.
Maximum bend angle of 135°
Hardened Finger – 3-Piece Finger Design
allows for 6" box depth

MORGAN RUSHWORTH BENDING ROLLS

2500mm x 4mm.

MORGAN RUSHWORTH BENDING ROLLS

1200mm x 2mm

QUALITY & INSPECTION

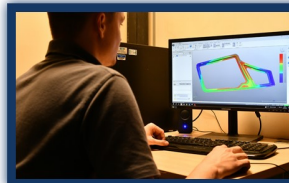
PSW, PPAP, PPIR, FAIR, ISIR, PFMEA & DFM submissions

(INSPECTION) ROMER ABSOLUTE ARM

Part/Tooling/Fixture Inspection Reporting
Measuring Tolerance 0.1mm over 2m (7 Microns)

(INSPECTION) GOM SCANNER

Part/Tooling/Fixture Inspection Reporting
3D Laser Scanning
Reverse Engineering
0-30 Microns





MANUFACTURING

WELDING

MIG/TIG WELDING HI-SPOT 2000 ROBOTIC MIG WELD CELL

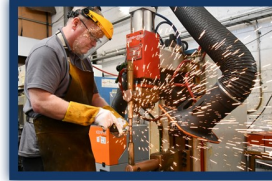
Fanuc R-2000iB 165F Welding Robot
Lifting Capacity – 165Kg
British Fed WS4000 Weld Control with Turntable System
Working Environment 2000mm (X) x 1300mm (Y) x 1500mm (Z)

PRO-SPOT SPOT WELD CELL

Fanuc R-2000ub 165F Welding Robot
Lifting Capacity – 165Kg
Fanuc System R-30iA Robot Control with Turntable System
Working Environment 2500mm (X) x 2500mm (Y) x 2000mm (Z)

RESISTANCE SPOT WELDING

PRIMA PUNTO PLUS-9 SPOT WELDER



SHEET METAL, METAL FINISHING & FABRICATION

PLASMA CUTTING

TOX PRESSOTECHNIK CEC008

Min/Max Air Pressure – 3.0/6.0 Bar
Max Press Force – 82,4 Kn
Total Stroke 150mm

ECKOLD KF330

Number of Stroked 400Min
Max Thickness Stainless - 1.5mm
Max Thickness Aluminium - 2.5mm
Horizontal – Vertical Throat - 340mm x 245mm
Motorised Ram Adjustment - 80

SHEET METAL

Jig Chasing, Drilling & Tapping, Belt & Disk Sanding,
Fly Pressing, Shrinking & Stretching.

METAL FINISHING / A-CLASS FINISHING

CNC MACHINING & TOOL ROOM

SORALUCE TA-25

Working Envelope 2.5m (L) x 1.2m (W) x 1.2m (H)

SORALUCE TA-35

Working Envelope 3.5m (L) x 1.2m (W) x 1.2m (H)

HARTFORD HCMC – 1270

Working Envelope 1.2m (L) x 0.6m (W) x 0.4m (H)

CORREA CF22

Working Envelope 2.2m (L) x 0.7m (W) x 0.7m (H)

MEYER SB1036 PRECISION GAP BED CENTRE LATHE

Diameter – 50mm ø
Length – 1000mm

RICHMOND ENVOY RADIAL ARM DRILL

Throat – 40"
Max Drilling Capacity – 2.5" (40mm) In Steel / 70mm Cast Iron
Max Drilling Depth – 12"
Max Working Height – 52"

TOOL DESIGN, DEVELOPMENT & SIMULATION.

CATIA V5, STP, IGES File Format
Autoform Simulation

LOGISTICS & TRACEABILITY

MARK MATE DOT PEEN

Programmable Direct Part Marking
Serial & Batch Numbering
Logo Marking
Component Identification & Traceability.

7.5 DAF FA LF45 LORRY

PEUGEOT PARTNER

