



RECOL

**THE COMPLETE MANUFACTURING
SOLUTION**

CAPACITY LIST



**THE COMPLETE MANUFACTURING
SOLUTION**

COMBINATION PUNCH/LASER

Amada ACIES 2515T-AJ (Fiber Laser)

1 x Amada ACIES 2515T-AJ 4kw Fiber laser with a turret punch press linked to an automatic tool change carousel which holds over 400 tools. Complete with a automatic loader and a automatic part sorter and stacker. Allowing multiple programs to be loaded into the machine and up to 30 tonnes of material on to the materials handling system. This is a true 'lights out' operation machine.



Amada ACIES 2515T

1 x Amada ACIES 2515T 4kw laser with a turret punch press linked to an automatic tool change carousel which holds over 400 tools. Complete with an automatic loader and a automatic part sorter and stacker. Allowing multiple programs to be loaded into the machine and up to 30 tonnes of material on to the materials handling system. This is a true 'lights out' operation machine.





**THE COMPLETE MANUFACTURING
SOLUTION**

LASERS

Amada Regius

1 x Amada Regius 6kw fibre laser. Complete with materials handling system. Allowing multiple programs to be loaded into the machine and up to 12 tonnes of material on to the materials handling system. This is a true 'lights out' operation machine with automatic load/unload pallets.



Miscellaneous Punch

1 x Amada Togu III Tooling Grinder. Automatic tool grinding system. Vast range of standard slitting, forming and punching tools.





THE COMPLETE MANUFACTURING SOLUTION

AUTOMATED FOLDING

Amada HG 1003 ARs

The HG ARs is a fully-integrated robotic bending system with a 6-axis robot, with an automatic tool changer.



SEMI-AUTOMATED FOLDING

2 x Amada HG 1003 ATC

The HG1003 ATC offers all the flexibility of a manual press brake, but with the advantage of an automatic tool changer, Ideal for small batch work.



MANUAL FOLDING

3 x Amada HFP 100-3L Long Stroke Press Brakes. These are 100 Ton with a 3-metre bed.

1 x Amada HD 170-3L-NT Standard Stroke Press Brake. This has a 170 Ton capacity with a 3-metre bed.

To complement our range of press brakes we have a diverse array of tooling.

1 x 1.5 metre box and pan manual folding machine.



MACHINING

Miling

1 x Hass VF4 vertical machining centre with gear box. 3 Axis.

2 x Hass VF4 SS vertical machining centre. 5 Axis.



Turning

1 x Mazak dual spindle automated lathe, with 1.5-metre auto bar feeder and up to 80mm diameter bar capacity.



1 x Hass ST10 turning centre.



2 x Citizen A32 turning centre. Swiss type sliding head lathe, with 3-metre auto bar feeder and up to 32mm diameter bar capacity.



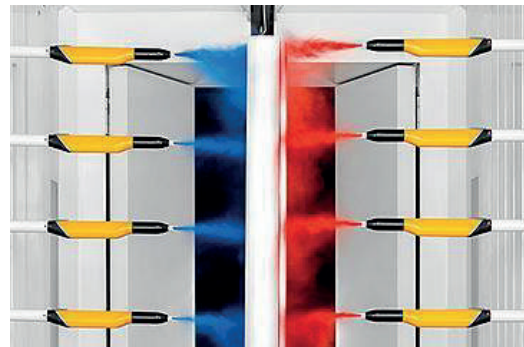
1 x Polygim 32 CSL turning centre. Swiss type sliding head lathe, with 3-metre auto bar feeder and up to 32mm diameter bar capacity.



PAINT

1 x Fully-automated powder coating plant.
3 Meter capability.

1 x Oxsilan 5-stage pre-treatment giving
up to 1,000 hrs salt spray test.



FINISHING

2 x Rumlbers for fast efficient removal of burrs to
small components, and polishing of brackets.

4 x Burn cleaning machines for removal
of welding burns from stainless steel products.

1 x RSA Rasamax Mono De-burring Machine

1 x Fintech Vertical grinder.

1 x Guyson Bead Blast Cabinet approximately
4' x 2' capacity.

1 x Bead Blasting Room.
Approximately 3 metre x 3 metre x 6 metres.

2 x Cannings polishing stations.

1 x Fladder Deburring Machine.





THE COMPLETE MANUFACTURING SOLUTION

MISCELLANEOUS MACHINERY

- 12 x welding Bays. Mig and Tig.
- 1 x Fronius automated welding cell/nius CMT - robot welding cell
- 1 x Semi-automated seem welding stations.
- 1 x 75Kw British Federal Spotwelders.
- 1 x 50Kw British Federal Spotwelders.
- 1 x 25Kw Spotwelder.
- 1 x Sahinler power rollers with a 2 metre capacity.
- 1 x Cone rollers
- 2 x Sets of manual rollers.
- 1 x Excel Band saw.
- 1 x Baltec Radial Riveting Machine.
- Various pillar drills for tapping, countersinking etc.
- 1 x Haeger 824 automatically fed inserter.
- 1 x Bollhoff Self-Piercing Riveting Machine
- 1 x Manual studwelding machine.
- Various air tools allowing fitting of rivets, nutserts etc.



SOFTWARE

- MIETrak Operating system.
- 5 x Radan 2018 licences, fully supported.
- 2 x AP100 Licence.
- 1 x AP100 and Bendcam.
- 3 x Solid works 2017 and Amada Sheetworks 3D cad licences.
- 3 x DrAbe



ASSEMBLY

We offer a wide range of mechanical and electrical assembly. Dedicated cells are developed to support customer specific projects.



ISO 9001: 2015



ISO 14001: 2015

DELIVERY

We offer delivery to anywhere in mainland UK using our fleet of vehicles. We are also happy to freight goods anywhere worldwide and often export goods to the Far East and USA.





**World-class engineering,
Re-engineered.**