



metalweb provide a comprehensive metals service direct to hi-tech industries. Our focus and concentration on selected chosen markets means that our service can be tailored to meet your specific needs. We achieve this by a process of continuous improvement, business vision and a total dedication to delivering excellent levels of service. metalweb has a continual investment programme to ensure its people, products, processes and performance meet the targets required by our customers.

metalweb is part of the Reliance Steel & Aluminum Co. family of companies.



There are over 180 Reliance Group locations worldwide – see www.rsac.com for group details.

Locations in the UK:

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(Head Office; Sales; Operations)

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MANCHESTER

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ALFED



Waterjet Cut Aluminium from Metalweb



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WHEN PRECISION MATTERS... WATERJET CUTTING FROM METALWEB

Metalweb can offer the closest tolerances available in the UK on the largest sized material. We can therefore provide you with savings in both time and money through:

- accurate finishing
- reduced levels of waste
- near complete parts which eliminate many secondary operations

In addition, metalweb has in stock the largest range of commercial aluminium in the UK. Unlike other Waterjet operators we can provide you further reductions in time and costs by not having to source material from elsewhere. We will however also cut free-issue material, as well as other metals and materials as and when requested.

Why metalweb?

We have in-house CAD CAM expertise and fully trained technicians providing you with a professional service. Metalweb offers a national delivery network across the UK and its trained staff have industry leading levels of expertise in aluminium and high spec metals. We have quality approvals and accreditations in place and look to establish long-term partnerships with our customers. In short, we like to focus on your business.

Metalweb are therefore uniquely placed in the UK to offer precision cut aluminium parts. With an extensive range of aluminium and other metals already in-stock our Waterjet operation offers you leading edge service and quality.

Features:

- Abrasive Waterjet cutting
- 4 cutting heads with height sensors
- 2 axis cutting machine
- 6700mm x 4200mm bed size
- Maximum thickness for (aluminium) cutting is 250mm
- Uses CNC control by Fanuc
- 2 pumps (50 hp each)
- Tight tolerances of up to +/-0.1mm over 1m can be achieved
- 5 levels of cutting finish available
- Distances between heads min 275mm to max 1015mm
- Maximum movement (Head – I) X = 3010mm; Y = 6470mm; Z = 250mm
- Full CAD/CAM facilities to receive your DXF drawings
- Fully trained technicians
- ISO approved
- Currently the largest Waterjet machine operated by a UK metal stockholder

Advantages/Benefits of Waterjet Cutting:

- Provides finished part production
- Cuts to very close tolerances
- Can cut very complex shapes
- Allows repeat jobs after initial programming
- Cold cut i.e. no heat affected zones
- Most thicknesses can be cut
- Most materials can be cut
- In comparison to laser cutting it is slower but far better for cutting aluminium and thicker materials
- Gives greater utilization of material providing cost savings
- Large bed size means we can cut larger single pieces of material than many other operators

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