

# Bystronic BySprintPro Laser Cutting



**Brown McFarlane**  
Global Steel Solutions

## What we offer:

As part of Brown McFarlane's continued commitment to providing the best possible service to our customers, we continually invest in new equipment to enhance our range of processing options. The Bystronic BySprintPro Laser Cutting machine allows Brown McFarlane to continue to provide a premier service, using the very best technology available.



## Machine information:

The latest Laser Cutting technology opens up new opportunities for our customers as we are able to offer the fastest and most precise cutting solutions to date. Able to comfortably process to an accuracy of 0.3mm for both stainless and carbon steels with tighter tolerances available for smaller parts, the Bystronic BySprintPro's cutting bed provides ample area to accurately produce parts on its 3000 x 1500mm surface. This gives customers profiles to the most exacting specifications.

## What Laser Cutting offers:

- Cost effective & highly accurate, reducing the need for secondary processes
- Fast cutting time per part
- Maintains a constant temperature, reducing heat affected zones
- Eliminates the need for machining on many profiles, giving a finished quality
- An ultra precise tolerance cutting process
- Enables complex shapes to be cut without tooling
- Can etch as well as cut, enabling manufacturer markings to be added, giving extra traceability



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*Quality steel plate suppliers to the world*

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# Bystronic 4030 Water Jet Cutting



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Global Steel Solutions

## What we offer:

The Bystronic Water Jet Cutting machine offers the latest in cold cutting options to our customers. Single and twin head water jet processing provides customers with the highest quality steel plate profiles, with tight tolerances and a fast turnaround time, making us a partner of choice in the UK and across the world.



## Machine information:

Water jet cutting combines both ultra high precision and quality, creating profiles to exacting standards for the benefit of our customers. Our Bystronic Water Jet 4030 has the ability to cut steels up to 150mm thick, 4 metres long and 3 metres wide, while still providing impressive results with superb edge quality.

## What Water Jet Cutting offers:

- Cold cutting technology ensures material goes through no thermal stress, preventing surface hardening and hazardous gas emission
- Perforates most materials without starting holes, meaning less scrap and optimal nesting
- High cutting accuracy without frayed or burned edges, eliminating the need for secondary processing
- The ability to cut extremely complicated shapes to ultra-high tolerances, including sharp corners, bevels & pierce holes. The process allows for these to be produced with minimal inner radii where necessary
- Environmentally friendlier than many other processing methods
- Twin head capability offers faster turnaround time
- Cost effective cutting where parts require an ultra-high finish tolerance
- Meets cutting requirements of EN1090 Execution Class 4



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