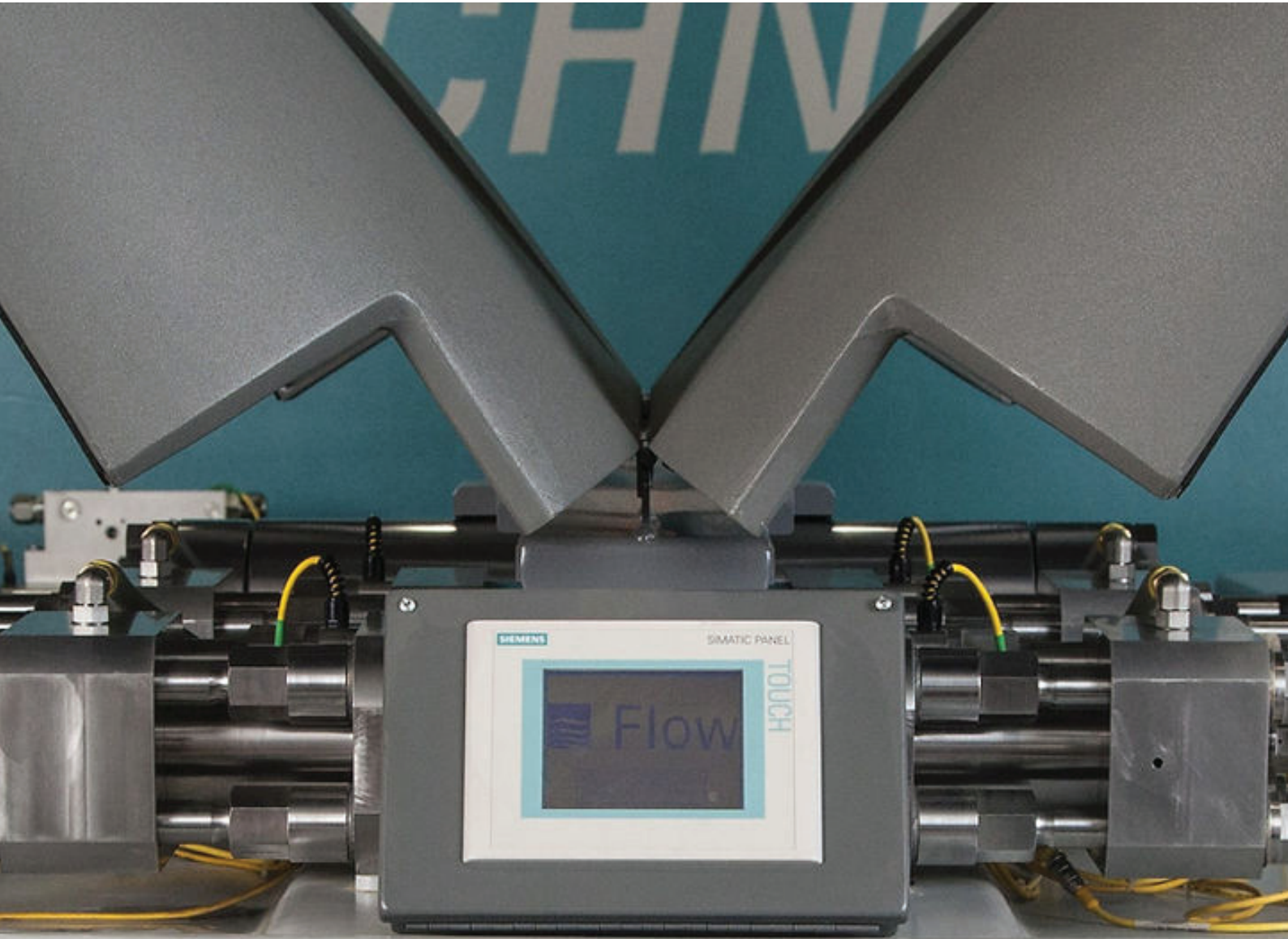




KD WATERJET



CAPABILITIES STATEMENT

Unit 8/275, Treasure Road N,
Welshpool WA 6106

☎ 08 6150 9827
✉ sales@kdwaterjet.com.au

www.kdwaterjet.com.au



ABOUT KD WATERJET

Located in Welshpool Perth, KD Waterjet Perth provides profile cutting services for a wide range of industries including Mining, Oil & Gas, Construction, Marine, Defence, and Aerospace. We specialise in utilising advanced waterjet technology to deliver precise and efficient cutting solutions that meet the unique requirements of each industry in Perth. With dedicated employees who possess over a decade of experience, we are committed to delivering quality services with a quick turnaround. Contact us for a free quotation and we can offer services which can be tailored to your requirements.

HOW WATERJET WORKS?

Our Waterjet cutting systems consist of a high-pressure pump that pressurises water and pushes it through a small orifice at extremely high speeds. In some cases, abrasive particles such as garnet or aluminium oxide may be added to the water to enhance cutting capabilities. The high-velocity waterjet, combined with the abrasive particles (if used), creates a powerful cutting tool. The waterjet can be precisely controlled and directed using computer numerical control (CNC) technology to cut intricate shapes and designs.

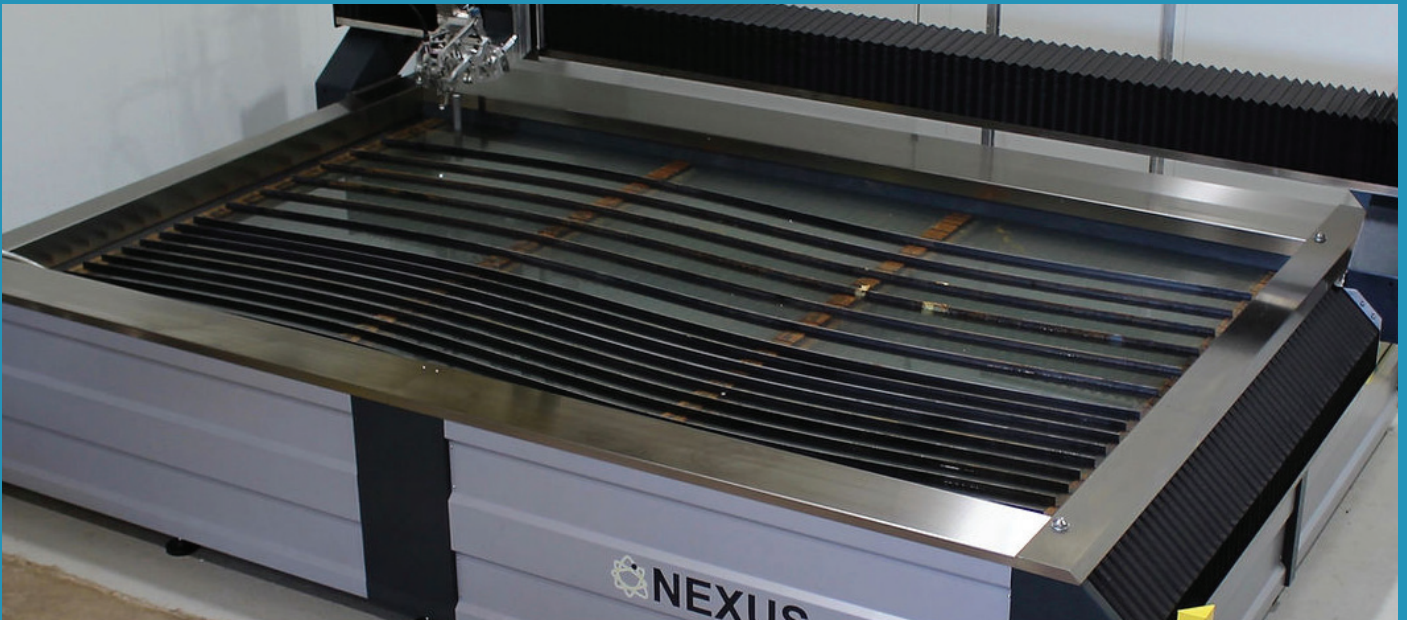
OUR MACHINES



WATERJET MACHINE - FLOW MACH 500

BED SIZE – 4500 X 2500 X 450MM PRESSURE – 87,000 PSI
LOADING CAPACITY - 2438kg per square meter of table area.

Flow's Mach 500 is a top-of-the-line waterjet system that is unrivalled in features, accuracy and cutting speed. Our Hyperjet intensifier is one of the world's fastest waterjet system, delivers pressure up to 87,000psi. Increasing pressure from 60,000psi to 87,000psi means we can cut any material faster, resulting in substantial increase in output and a reduced cost per part. Paired with Dynamic Cutting head, our CNC motion system has a linear accuracy of +/- 0.025mm.



WATERJET MACHINE – SOITAAB NEXUS

BED SIZE – 4500 X 2600 X 250MM PRESSURE – 60,000 PSI
LOADING CAPACITY – 1500KG PER SQUARE METER OF TABLE AREA

Nexus combines European engineering excellence with the most advanced features available in waterjet technology to deliver the ultimate waterjet cutting system. Our Nexus machine is equipped with dual cutting heads powered by two KMT 60k intensifiers. It has the ability to cut thick materials accurately with an accuracy of 0.30mm.



OUR SERVICES

WATERJET CUTTING

At KD Waterjet, we can cater to a diverse range of applications across various industries. Whether it's automotive, aerospace, architecture, manufacturing, or any other field that demands precise cutting solutions, we can handle your project with efficiency and excellence.

Our waterjet cutting services are suitable for cutting virtually any material. From metals and composites to delicate or brittle materials, our non-thermal cutting process ensures minimal distortion, warping, or damage to the material. We understand the importance of precision in every project. With our advanced waOur meticulous attention to detail guarantees that the final parts meet your exact specifications.

5 AXIS CUTTING

Our KD Waterjet cutting services use a 5-axis cutting head that can achieve angles from 0 to 60 degrees, with its 3-dimensional cutting abilities allowing us to cut bevels on the entire part. Cutting bevels on waterjet ensure a cleaner and consistent surface with no rework required before welding or assembling the parts.

Having a 5-axis cutting head with 3-dimensional cutting abilities sets our waterjet cutting services apart by offering enhanced precision, versatility, and the ability to produce intricate bevelled cuts on the entire part. It allows for greater flexibility in meeting customer requirements and expanding the range of applications that can be accomplished with waterjet cutting technology.

LIFTING EQUIPMENT

Our workshop is equipped with an overhead crane and a 2.5T forklift for loading, unloading and move our work pieces safely.

PROJECT MANAGEMENT

Project management is an essential aspect of KD Waterjet cutting services in Perth to ensure the smooth and successful completion of your project.

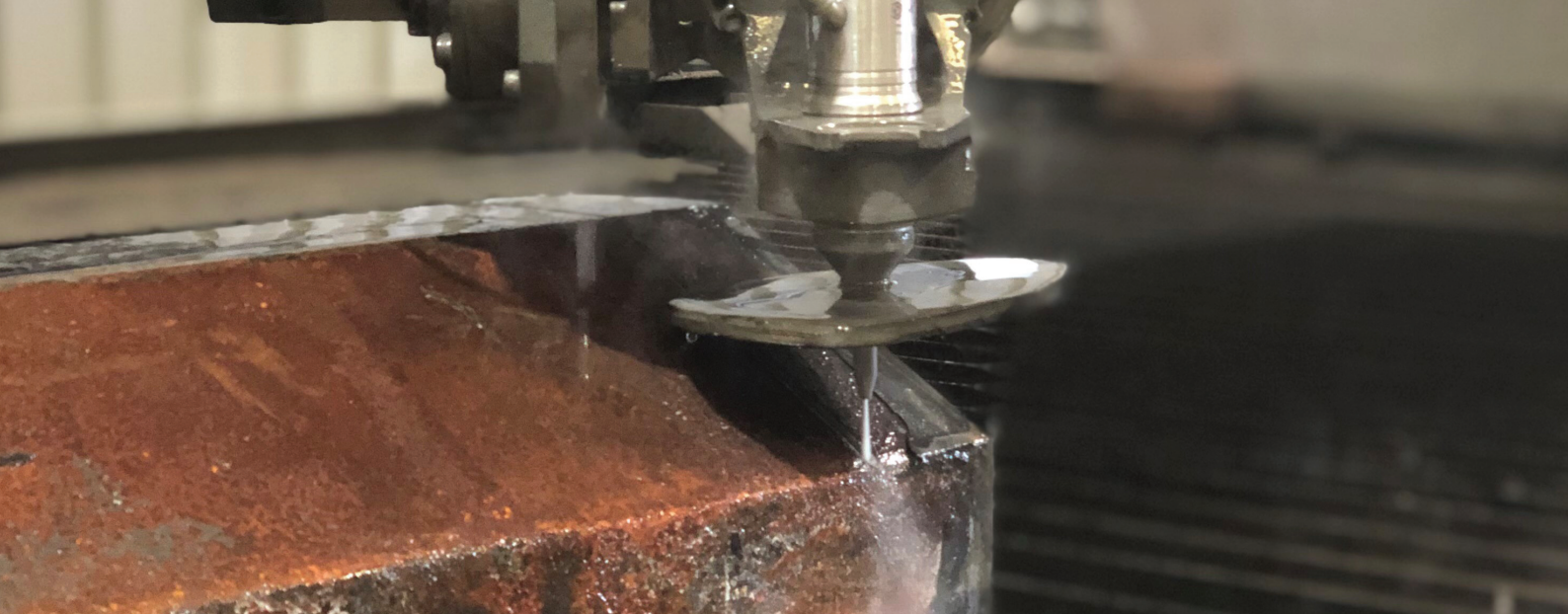
Effective project management in waterjet cutting services helps streamline the process, ensure timely completion, and deliver high-quality results that meet your specific requirements. We understand that every customer loves a one-stop shop for their project.

Contact us with your project requirements and we will be more than happy to help!

- Prepare CAD drawings.
- Outsourcing other applications include Laser, Plasma, Bending and fabrication requirement

DELIVERY

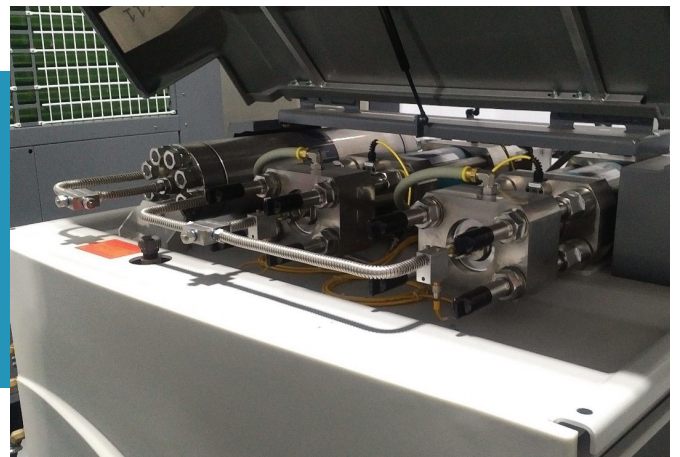
KD Waterjet cutting service in Perth also offer delivery services as part of our overall service. After the cutting process is complete, we can package and ship the finished parts or products to your desired location. The availability and cost of delivery services may vary depending on the size of the shipment and your location. It's recommended to inquire about delivery options and any associated fees when discussing your project with our team at KD Waterjet.



WHY WE STAND OUT FROM OTHER SUPPLIERS?

UNMATCHED WATER PRESSURE

At KD Waterjet, we have an unmatched water pressure at 87,000 psi with a 100HP Hyperjet Intensifier Pump, allowing us to cut up to 250mm Steel with a tight tolerance and an excellent edge quality.



DUAL HEAD WATERJET CUTTING

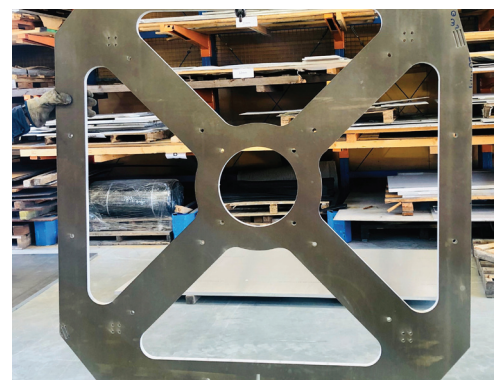
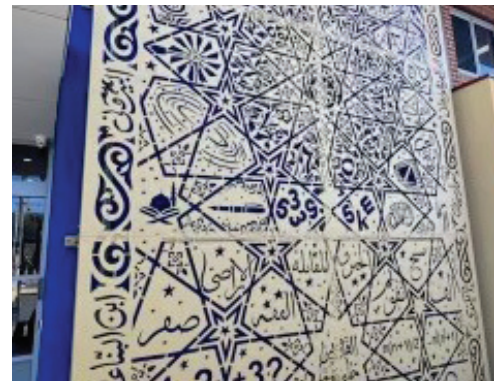
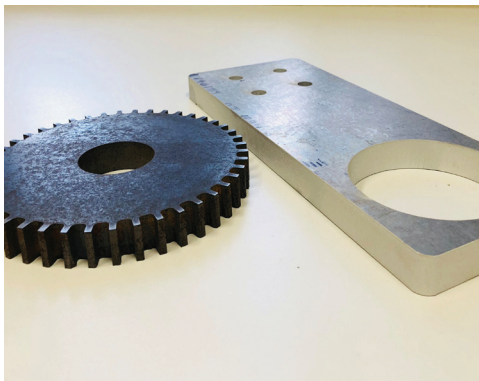
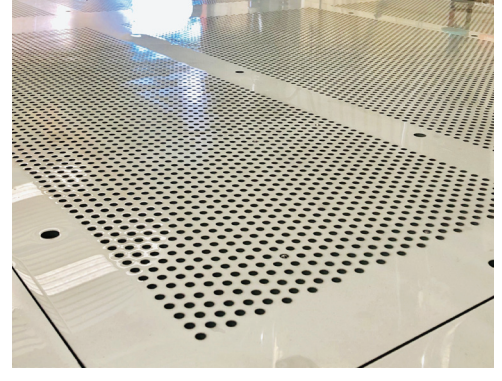
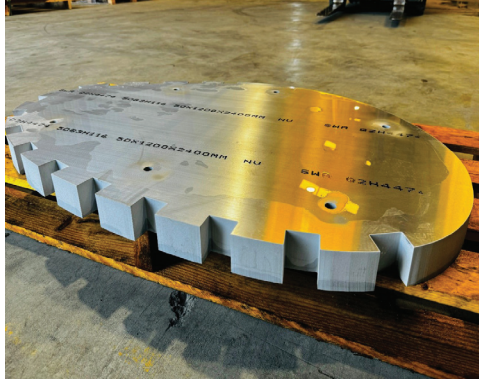
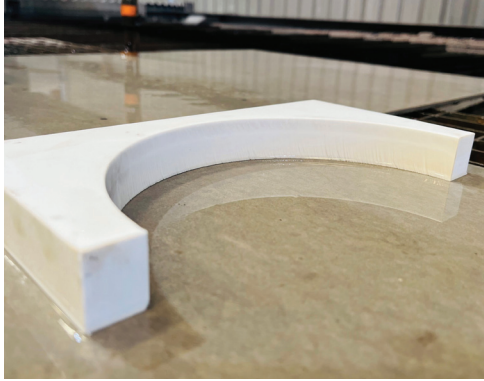
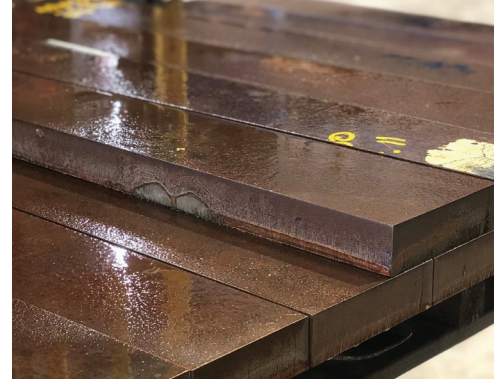
Our Custom built Nexus machine is equipped with dual cutting heads. This unique setup gives us the luxury of undertaking large volume jobs and completing it twice as fast as other waterjet machines. industry in Perth.

EXPERIENCE PROFESSIONALS

With dedicated employees who possess over a decade of experience, we are committed to delivering quality services with a quick turnaround. Contact us for a free quotation and we can offer services which can be tailored to your requirements.



SOME OF OUR PREVIOUS WORK





TESTIMONIALS

I highly recommend KD Waterjet for its exceptional expertise, precision, and professionalism. Their attention to detail and commitment to delivering high-quality results is truly outstanding. From intricate designs to complex shapes, their waterjet cutting technology produces flawless edges and superior finishes. They excel in meeting deadlines, maintaining open communication, and providing top-notch customer service. KD Waterjet team goes above and beyond to ensure customer satisfaction, making them an excellent choice for anyone seeking precise and reliable cutting services.

DMITRII ILIN

Alloy Steel International

We have been working with KD Waterjet for several years now, and their service and quality have consistently exceeded our expectations. KD Waterjet's team is highly skilled and knowledgeable, and they always go above and beyond to ensure that our orders are completed on time and to our specifications. They are responsive, professional, and a pleasure to work with. We highly recommend KD Waterjet to anyone in need of precision cutting services.

MATTHEW FORSYTH

Unique Balustrading

KD Waterjet consistently offers high quality profiles, competitive pricing, and accurate delivery times. They have knowledgeable staff always ready to help us out with our orders and when a quick turnaround is required, we are never disappointed.

CHRIS HALE

Haulmore Trailer

I've used KD for a few jobs in the past, Kapil is always a great help and will direct customers down the most appropriate path even at the cost of losing the work. This is the exact reason why KD Waterjet is my preferred supplier when it comes to water cutting.

ZAC MOFFLIN

Ikad Engineering

Kapil is always happy to help in both standard and unusual jobs. Very easy to work with and gets the job done!

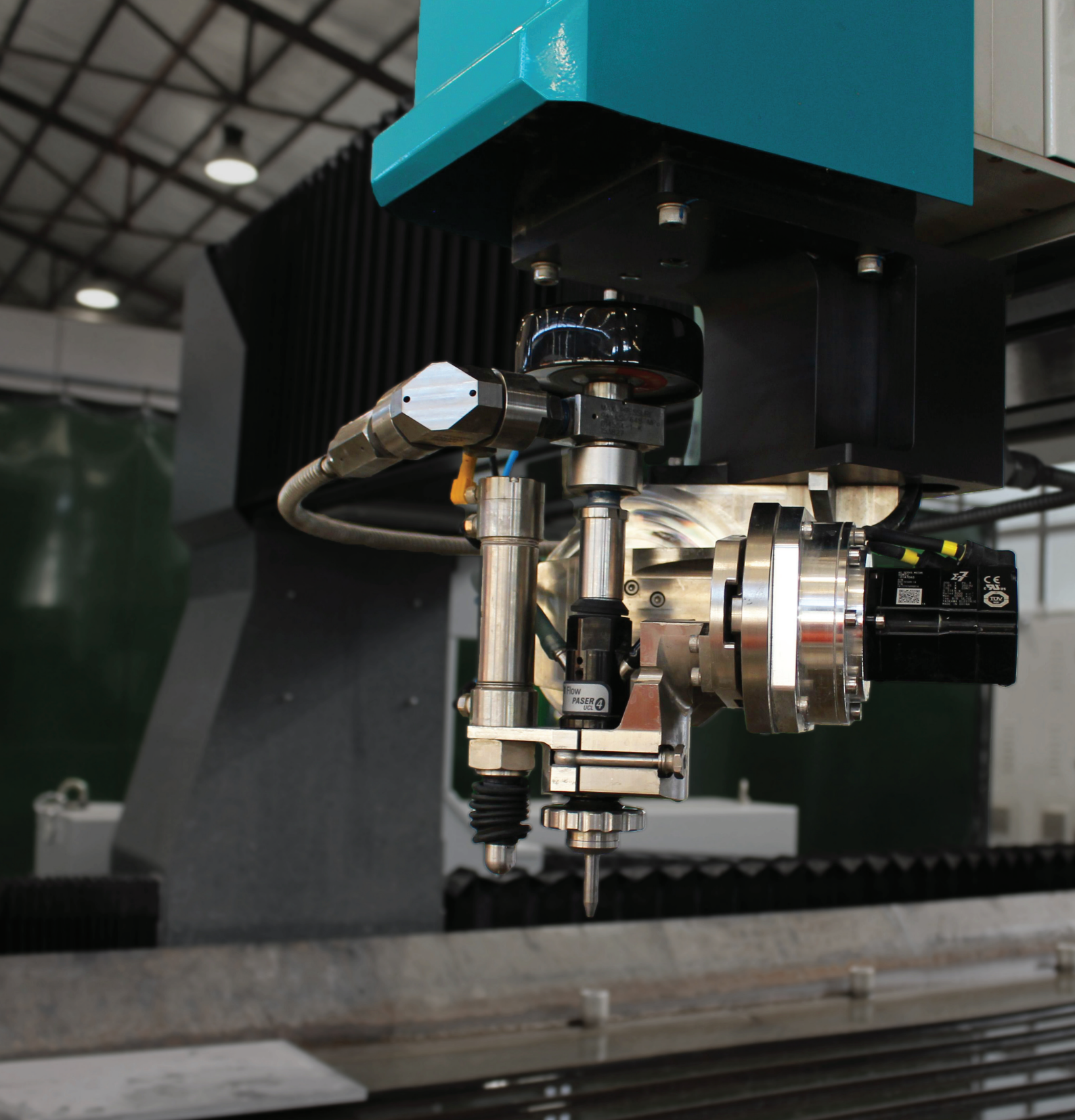
SHAUN WALDOCK

MPS

we use KD Waterjet regularly to cut 40mm plate for us. The team at KD are extremely good at what they do and offer competitive pricing and extremely good turnaround times.

GREG WESLET

Vulcan



We would love to hear from you and to have
the opportunity to prepare a quote.



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