



WATER JET CUTTING MACHINE

Precision | Power | Performance



The Company

Company Goals

- **Technology** – We provide the best technology on the market and make sure that Customer will always get the most out of their water jet cutting machine.
- **Solutions** - We offer our customers unique equipment and technology solutions of high quality and reliability.
- **Cutting** - We are happy to share information on any aspects of waterjet technology. We have been in the water jet cutting business for almost 30 years. You do not need to reinvent the wheel: we will help you with all your questions.

Mission of the company

We offer complete life cycle solutions that are tested, approved and every day improved. We want to build long lasting relationships with our customers. We do this by providing high quality long lasting technology with service support on all elements around water jet cutting.



WE ARE OFFICIAL ABB CAHNNEL PARTNER

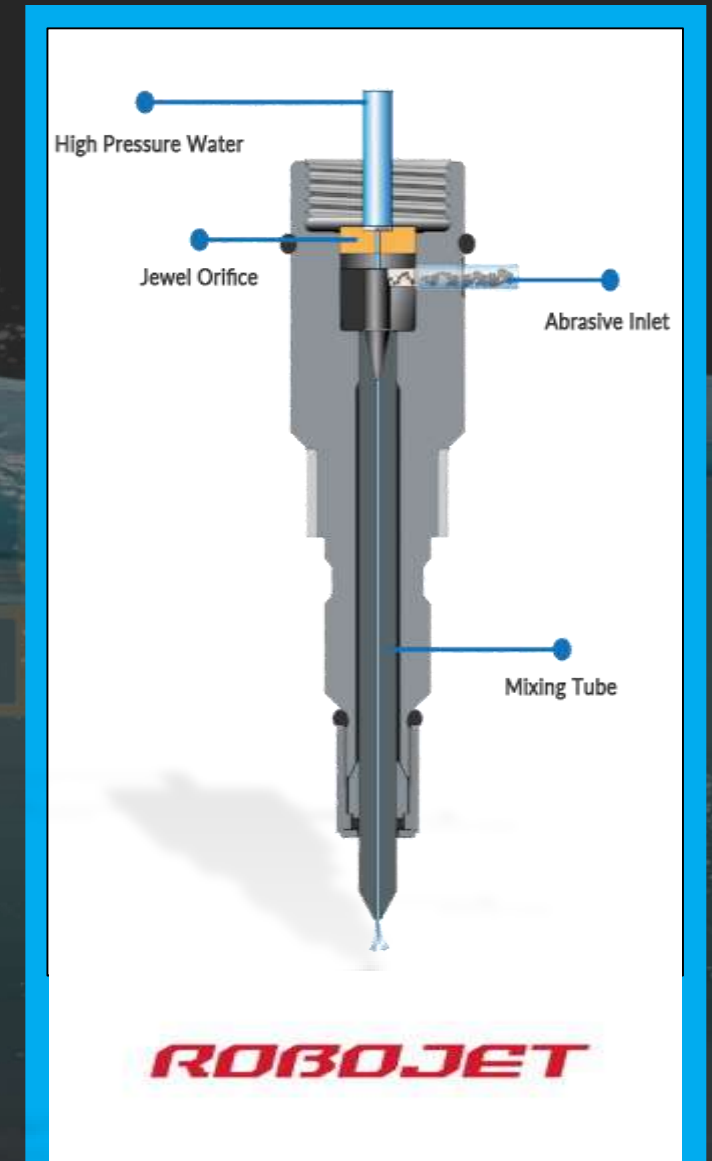
The WaterJet Technology

The advantages of the waterjet cutting technology:

- In principle everything can be cut
- Able to cut materials over 200 mm thick
- Multiple cutting heads is more of a standard than special
- Cutting process is easy to learn
- Can produce part accuracies better than 0,2 mm
- No limitation on the hole size / material thickness
- Kerf widths can be minimal, normally 0,1 - 1,0 mm
- Environmental friendly process: no fumes used
- No heat affected zone, no micro fracturing
- Low maintenance costs
- Purchasing cost usually considerably lower than laser cutting machine
- From a quality manufacturer you will get a long lasting investment (>15 years)

HOW A WATERJET WORKS

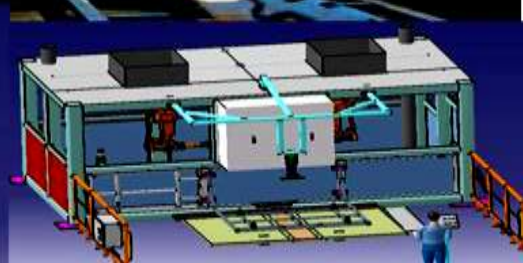
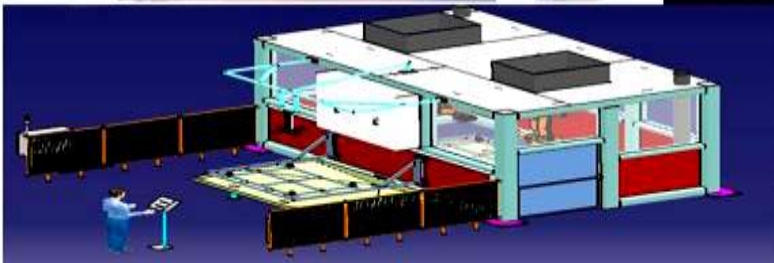
- To over simplify it: water flows through high pressure pump and it is guided through plumbing to cutting head. With a pressure up to 6.200 bar (90.000 psi) even thick materials over 300 mm can be cut precise and cost effective way.
- With waterjet you do not have to worry about material hardening, deformation or hazardous vapours.
- Waterjet technology can be divided into two main segments: Pure waterjet cutting for soft materials and abrasive waterjet cutting for hard materials. FinJet provides you these both options in just one machine.



RoboJET Product Range

ROBOJET H

ROBOJET L



RoboJET Product Matrix



| | ROBOJet L | ROBOJet H | ROBOet R |
|--------------------------------------|------------|------------|--------------|
| CUTTING AREA | | | |
| Available table sizes | 1.5 x2.5 m | 2.0 x3.0 m | Upon Request |
| TECHNOLOGY | | | |
| Pure Waterjet Cutting | ✓ | ✓ | ✓ |
| Abrasive Waterjet Cutting | ✓ | ✓ | ✓ |
| 3800 / 4100 Bar Cutting | ✓ | ✓ | ✓ |
| CUTTING HEAD | | | |
| 5-axis Cutting (3D Forms) | x | x | ✓ |
| Programmable Z-axis | ✓ | ✓ | ✓ |
| Individual Height Control | ✓ | ✓ | |
| Laser Pointer for Positioning | x | x | x |
| Collision sensor / Protection System | ✓ | ✓ | ✓ |
| Multiple Cutting Heads | up to 2 | up to 2 | |
| Water Levelling Function | ✓ | ✓ | ✓ |
| Abrasive Removal System | x | x | x |
| Automatic Lubrication System | ✓ | ✓ | |
| Different Workpiece Holding Systems | ✓ | ✓ | ✓ |
| Splash protection | ✓ | ✓ | |



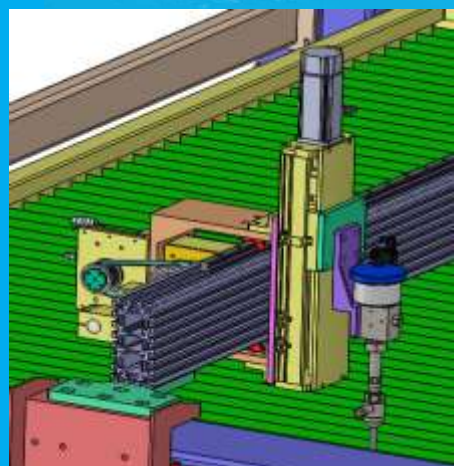
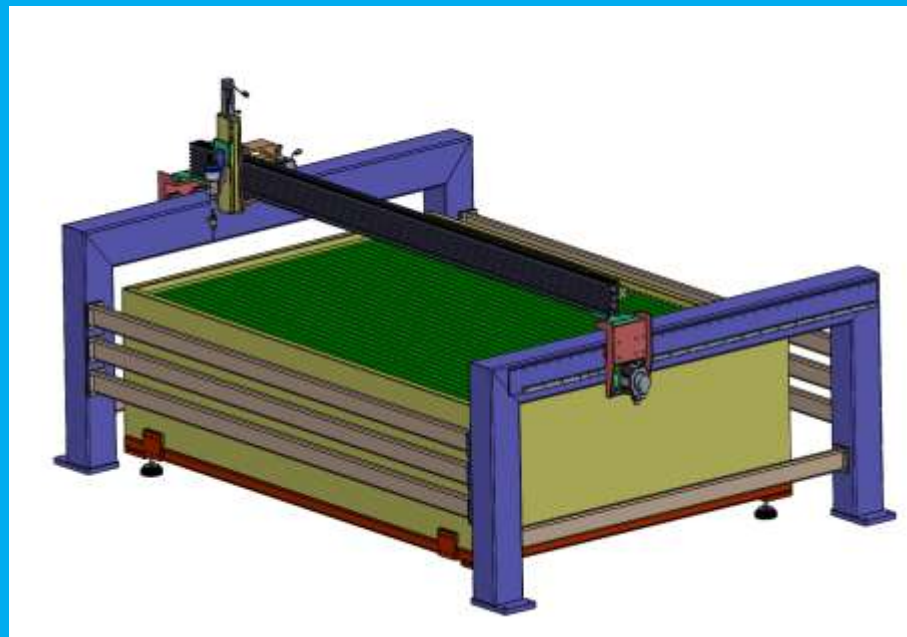
RoboJET H-Series

RoboJET H3020

ROBOJET H-series is designed for continuous heavy duty water jet cutting. Its modular design enables numerous different variations so that every demanding need can be fulfilled. H-series can be equipped with cutting heads including 3- aXis cutting TABLE. It comes with 30- 50 hp pump or optional other pump

ROBOJET H

| | |
|-------------------------|------------------------|
| Cutting area: | 2X3 m |
| Z-aXis: | 200 / 300 mm |
| Positioning accuracy: | $\pm 0,1$ mm/m |
| Repeatability: | $\pm 0,2$ mm/m |
| X and Y aXis maX speed: | 15 / 20 m/min |
| Z aXis maX speed: | 5 m/min |
| Cutting heads: | 1 NO. / 2 NO. OPTIONAL |



RoboJET L-Series

RoboJET L2515



ROBOJet L2515 has good accessibility from 3 sides

ROBOJet L-series is designed for flexible cutting in all environments. Flying bridge design enables the effective use of the machine from three different sides. L-series water jet cutting machines can be equipped with 1 or 2 cutting heads.. No matter if you are running a small job shop or producing demanding parts 24/7, with L-series you will be able to correspond all needs of water jet cutting.

ROBOJET L

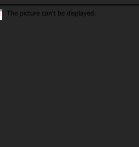
| | |
|-------------------------|--------------|
| Cutting area: | 1,5 X 2.5 m |
| Z-axis: | 200 / 300 mm |
| Positioning accuracy: | ± 0,2 mm/m |
| Repeatability: | ± 0,2 mm/m |
| X and Y axis max speed: | 15 m/min |
| Z axis max speed: | 5 m/min |
| Cutting heads: | 1 |

RoboJET R-Series for

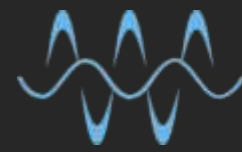


BHARAT SEATS LIMITED

Joint Venture of Maruti, Suzuki,
Rohit Relan and Associates



RoboJET R-Series for



PARKNONWOVEN



RoboJET R-Series for autoneum

Autoneum Nittoku Sound-Proof Products India Pvt. Ltd.



RoboJET R-Series for IAC

International Automotive Components



RoboJET R-Series for

Gujarat Cell



ANTOLIN



Manesar Cell



Our Customer Base







THANKS

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SALES AND MANUFACTURING
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