

WATER JET

The Water Jet is a cold cutting solution of pieces with more or less complex geometries on all kinds of ferrous and non-ferrous materials and up to quit significant thicknesses. Depending on the material to be cut, a jet of pure water or water mixed with abrasive can be used. Flexibility and versatility are some of the many advantages of Water Jet technology.

Advantages:

- Cutting of various materials with the same tool
- No contact between the tool and the work piece
- Dross free Clean cut without any need of further finishing
- Cutting different materials and significant high thicknesses
- No toxic fumes
- No heat affected zone
- No alteration on the mechanical structure of the workpiece
- Excellent cutting precision
- Easy and simple programming operations
- Cut of complex shapes with sharp angles
- Material saving thanks to the small kerf

Applications:

- Automotive
- Aeronautical and aerospace industry
- Job shops and service centers
- Precision steel fabrication
- Food and textile industries

Materials:

The Water Jet cuts any kind of materials, it is mainly used to cut:

- Metals such aluminum, titanium, stainless steel and carbon steel
- Non-ferrous materials like marble, granite, ceramics and glass
- All kind of plastics and composites
- Gaskets

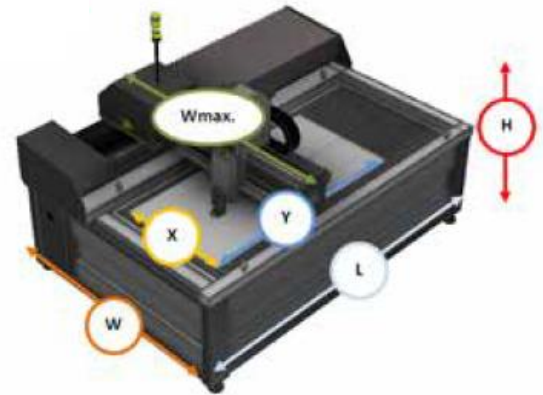
PRODUCT LINE: **WATER PRO**





TECHNICAL FEATURES

| | 1010 | 1020 |
|------------|----------------|-----------------|
| X (Width) | 1000mm (3FT) | 1000mm (3FT) |
| Y (Length) | 1000mm (3FT) | 2000mm (6.5FT) |
| W (Width) | 2200mm (7.3FT) | 2200mm (7.3FT) |
| L (Length) | 2200mm (7.3FT) | 3200mm (10.5FT) |
| H (Height) | 1600mm (5.3FT) | 1600mm (5.3FT) |
| Vmax | 2300mm (7.5FT) | 2300mm (7.5FT) |
| Weight | 1400 kg | 2400 kg |



| | |
|-----------------------------------|-----------------------------------|
| Motors (x, y, z) | Brushless |
| Driver (x, y, z) | Digital |
| Positioning Speed | 40 m/min |
| Positioning Accuracy | + - 0.1 mm/m |
| Repeatability | + - 0.05 mm/m |
| CNC | Soitaab CNC |
| Monitor | 15" Touch Panel Screen |
| Data Communication | USB – Ethernet – LAN |
| Cutting Technologies | Waterjet with Abrasive and Plasma |
| Carriage Stroke Z Axis (Vertical) | 200 mm (optional 300 mm) |

To place an order, please contact Magma North America Inc. at +1 780 761 2525 or sales@magmanorthamerica.com

Magma North America

8604 53rd Avenue NW,
Edmonton, T6E 5G2

Alberta, Canada

P: 780 761 2525

F: 780 761 2520

E: sales@magmanorthamerica.com

W: www.magmanorthamerica.com

