



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 NOVA**

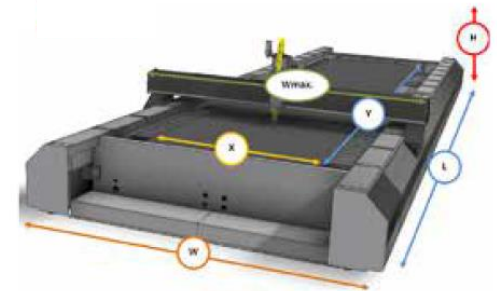




TECHNICAL FEATURES

	3060	3080	30120
X (Width)	3000mm (10FT)	3000mm (10FT)	3000mm (10FT)
Y (Length)	6000mm (20FT)	8000mm (26.5FT)	12000mm (40FT)
W (Width)	4135mm (13.6FT)	4135mm (13.6FT)	5135mm (17FT)
L (Length)	8500mm (28FT)	10500mm (34.5FT)	14500mm (47.6FT)
H (Height)	1600mm (5.3FT)	1600mm (5.3FT)	1600mm (5.3FT)
Vmax	4350mm (14.3FT)	4350mm (14.3FT)	5350mm (17.5FT)
Weight	10,000 kg	12,500 kg	19,500 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

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