



WAZER & WAZER PRO

Abrasive water jet cutting

Compact, easy-to-use waterjet
machines for almost all materials

Mecanumeric is expanding its range of MECAJET, LABJET, QUICKJET and PUREJET water-jet cutting machines with the distribution in Europe and Africa of the WAZER® brand, the reference for low-cost prototyping and small series production machine.

WAZER

Designed for professional-quality cutting in a compact footprint

FOR ALL WORKSHOPS

Perfectly suited for use:

- in schools
- Fablabs
- in design offices
- in factories for production and quality control

EASY INSTALLATION

- All you need is an electrical socket and a water inlet and outlet
- Small footprint (integrated pump into the PRO version or pump under the machine for the STANDUP version)
- Available with or without machine support
- Installation, use and maintenance procedure available online

INTUITIVE USE

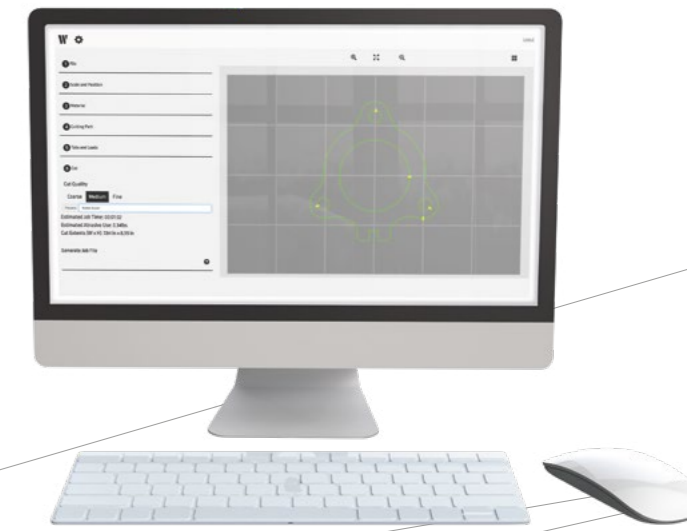
The WAZER waterjet cutting machine does not require prior training.

Cut your pieces in 3 super-simple steps:

- 1/ prepare your cutting program on the online software,
- 2/ load your material,
- 3/ start cutting!

CUSTOMIZED SOFTWARE

- Cloud software accessible directly from your computer, on any browser
- Compatible with your .dxf and .svg files
- Large library of materials and thicknesses, calibrated and configured for immediate use



MULTIPLE APPLICATIONS

- Prototyping
- Parts for testing and control
- Small series production
- Tools, repairs...

MAXIMUM VERSATILITY

Waterjet cutting suitable for a wide variety of materials*:

- Metal: steel, aluminium, copper, bronze, titanium, etc.
- Plastics and derivatives
- Rubber and derivatives
- Composite materials: carbon fiber, fiberglass, garolite, etc.
- Foams of all densities
- Glass
- Stone: marble, granite, slate, ceramic, porcelain, etc.

Additional features (only for PRO version):

- Underwater cutting
- Collects all of the used abrasive during cutting
- Spray nozzle for cleaning
- Absolute-zero locating for fixturing & repeatability...

HIGH PRESSURE PUMP

	POMPE HP	DESKTOP	STAND UP	PRO
"Maximum allowable working pressure in bars"		317	317	593
Power		1,1 HP (820 W)	1,1 HP (820 W)	2,8 HP (2088 W)
Length in mm		533	533	included in the machine
Width in mm		379	379	included in the machine
Height in mm		251	251	included in the machine
Pump Box Weight in kg		42	42	included in the machine



*depending on thickness



TECHNICAL FEATURES	DESKTOP	STAND UP	PRO
X axis travel in mm		305	
Y axis travel in mm		460	
Z axis travel in mm		25	
Tray dimensions in mm (L x W)		330 x 485	
Holds sheets in tray	By screwing onto the cutting bed		
Maximum speed in m/min		1,5	
CUTTING HEAD			
Kerf (width of cut) in mm	1,1	1,1	1,1
Orifice Diameter in mm	0,48	0,48	0,51
Maximum Working Flow Rate in L / min	1,7	1,7	2,5
ABRASIVE			
Abrasive Material	80 Mesh Alluvial Garnet	80 Mesh Alluvial Garnet	80 Mesh Alluvial Garnet
Abrasive Hopper Capacity in kg	13,5	13,5	19,1
Abrasive Rate in kg / min	0,15	0,15	0,15
Continuous abrasive cutting time	60 min	60 min	90 min
POWER SUPPLY			
Machine power supply	230V - 50Hz - 2A	230V - 50Hz - 2A	230V - 50Hz - 16,1A
Pump power supply	230V - 50Hz - 7,5A	230V - 50Hz - 7,5A	Pump included in the machine
Input Water Pressure	2,4 bars minimum	2,4 bars minimum	2,4 bars minimum
Input Water Flow Rate	3,8 L /min minimum	3,8 L /min minimum	5,7 L /min minimum
Water Drain Distance from Waterjet (maximum)	9 m max	9 m max	9 m max
SOFTWARE			
Browser Compatibility	Safari, Chrome, Edge, Firefox and Explorer		
Compatible Input Design File Types	.dxf .svg		
Output Cut File Type	.gcode		
Connectivity to WAZER Waterjet	With SD Card		
OVERALL DIMENSIONS			
Length in mm	856	856	856
Width in mm	648	648	648
Height in mm	551	1220	1400
Average weight in kg (empty / full) in kg	50 / 180	50 / 180	170 / 360



WAZER

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