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Product Brochure For W08720

# DESKTOP CNC Waterjet - WAZER

The world first Desktop Waterjet - CUT ANYTHING ON DEMAND
International version

| Ex GST | Inc GST |
|---|---|
| $17,020.00 | $19,573.00 |




| | |
|---|---|
| ORDER CODE: | W08720 |
| MODEL: | WAZER DESKTOP |
| Cutting Table Capacity (mm): | 305 x 460 |
| Maximum Work Piece Weight (kg): | ~ |
| Maximum Cutting Thickness - (Material Dependent) (mm): | ~ |
| X Axis Travel (mm): | 305 |
| Y Axis Travel (mm): | 460 |
| Z Axis Travel (mm): | Manual |
| Z Gantry Clearance (mm): | ~ |
| Rapid Traverse ( X and Y axis ) (mm/mm): | 1500 |
| Absolute Positioning Accuracy (mm): | 0.08 |
| Repeatability (mm): | ~ |
| High Pressure Pump (Type): | ~ |
| Max Pump Pressure (psi): | 4600 |
| Max Water Usage (L/min): | 1.9 |
| Water Capacity (L): | ~ |
| CNC System (Type): | WAZER |
| Nesting Software: | WAZER WAM |
| Drawing File (Type): | .dxf, .svg |
| Garnet Delivery: | 150g/min |
| Garnet Hopper Capacity (Kg): | 13.5 |
| Electrical Power (kW): | ~ |
| Max Current (Amps): | 2 x 240VAC 10 amp plugs |
| Input Air Pressure (Bar (PSI)): | ~ |
| Weight (Empty) (Kgs): | ~ |
| Operating Weight (Kgs): | 220 |

WAZER

1 YEAR WARRANTY

10A PLUG 240V

## Description

WAZER is the first desktop water jet that cuts any hard or soft material with digital precision. The high velocity jet uses a combination of high pressure water and abrasive particles to cut through the work piece. Traditional water jets cost upwards of $100,000. With WAZER, we're bringing this advanced technology to any size workshop. What will you make?

WAZER can cut through sheets of any material including metal, stone, glass, ceramic, composites, plastic, rubber, and foam. For a list of example materials and speeds please see the downloads section on this page

Cutting Area - 305 mm x 460 mm
Cut Bed Size - 330 mm x 485 mm
Kerf (width of cut) - 1.2 mm

WAZER WAM Design Software
Wazer operates with an online file prep tool called WAM.  WAM will work with any software capable of exporting a design as a .dxf or .svg file. WAM eliminates the need to have a laptop at the machine workstation. Here is a typical workflow:

1. Create your design in any design software/CAD program which can export .dxf or .svg files
2. Upload your file into WAM, position your design, choose a material setting and cut quality.
3. Save your cut file from WAM to an SD card.
4. Insert the SD card into WAZER and cut!

## Features

- Cuts Any Material: Metal, Stone, Glass, Ceramic, Composite, Plastic, Rubber and Foam.
- Compact size fits in any work space.
- Brings professional-grade fabrication into any workshop.
- Ideal for on demand cutting of custom parts.
- In-house capabilities reduces costly outsourcing.
- Great for prototyping, manufacturing, fine art, and instruction.
- Simple set up. Just connect to standard electricity, water, and drain.
- Cold cutting. No heat. No fumes. No need for ventilation.
- Quickly go from design to cutting. Takes any DXF or SVG file.
  CE Certified with safety interlocks on top cover

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## Includes

- WAZER DESKTOP International Version
- PUMP BOX International Version
- 1 x Cut Bed
- 2 x Abrasive Bucket
- 2 x Water Sensors
- 1 x Accessory Kit
- 1 x Setup Kit
- 1 x Plumbing Kit
- 1 x Misc. Spare Parts
- 1 x User Manual

## Optional Accessories

- WAZER Cut Bed 3 Pack
- WAZER Nozzle

## Specific Features

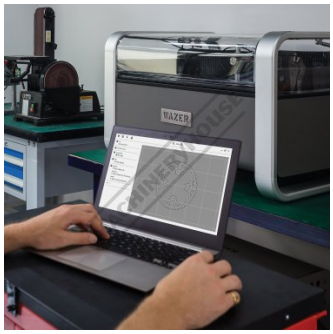

Cutting Head Inside Front View



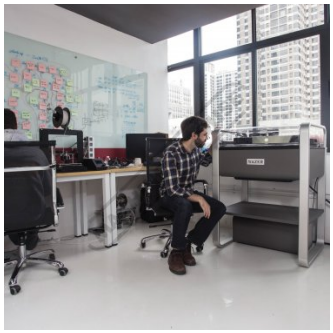
Controls


Sample Cutting


Material Types



Web Base Software


Setup In Lab

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## Recommended Accessories

W08720S
STANDUP CNC Waterjet



W08722
NOZZLE Replacement assembly



W08723
CUT BED Replacement - 3 pack



S293
Waterjet Garnet 80 Mesh




S293T
Waterjet Garnet 80 Mesh

