

Desktop Waterjet CNC Cutting Machine



OVERVIEW

Now cut anything with digital precision using high pressure water. A compact waterjet for every workshop.

WAZER has two main components:

- **WAZER itself**, which contains the Cut Bed and Control Panel.
- **The Pump Box**, which pressurizes water and provides the energy for cutting.

Once initial setup is performed, the user will primarily interact with WAZER to cut Materials and perform basic maintenance related tasks. The two components are connected to one another via a High-Pressure Hose and a Signal Cable.

CUTTING MATERIALS

- Metals

Aluminum 6061, Aluminum 7075, Copper 110, Stainless Steel 316, Stainless Steel 440C, Steel 01, Steel1008, Steel 1018, Steel 4130, Titanium G5

- Plastics & Rubbers

Acrylic, HDPE, Neoprene 50A, Polycarbonate, Polyurethane 60A, Silicone 50A

- Ceramics & Stone

Glass Borosilicate, Glass Soda Lime, Tile Ceramic, Tile Porcelain, Marble

- Other

Carbon Fiber

PRODUCT FEATURES



COMPACT & CONTAINED

Compact design makes WAZER clean, safe and quite to use.

ONBOARD CONTROLS

On-screen prompts to prepare your file for cutting. Arrow keys for jogging.

EASY HEIGHT ADJUSTMENT

Cutting head manually adjusts and locks in place.

STANDARD OUTLET

Just plug WAZER into a regular outlet (220V).

INTEGRATED ABRASIVE STORAGE

Store up to 40lbs of abrasive, 2hrs of cutting, inside WAZER.

CONVENIENT ABRASIVE REMOVAL

Used abrasive flows into containers for easy removal. Normally, you’d have to drain the tank and shovel it by hand!

TECHNICAL PARAMETERS

| SPECIFICATION | Details |
|-------------------------------------|---|
| Size and Weight | |
| WAZER Desktop Size | 34" x 25" x 21" (864 mm x 635 mm x 534 mm) |
| WAZER Size with Stand Leg Accessory | 34" x 25" x 47" (864 mm x 635 mm x 1194 mm) |
| WAZER Empty Weight | 110 lbs. (50 kg.) |
| WAZER Loaded Weight | 300 lbs. (136 kg.) |

| | |
|--------------------------------------|--|
| Pump Box Size | 21" x 15" x 11" (533 mm x 355 mm x 280 mm) |
| Pump Box Weight | 45 lbs. (21 kg.) |
| Cutting | |
| Cutting Area | 12" x 18" (305 mm x 460 mm) |
| Cut Bed Size | 13" x 19" (330 mm x 485 mm) |
| Cut Width (kerf) | 1/16" (1.5 mm) |
| Water | |
| Water Source | Tap Water |
| Water Draining | Standard Water Drainage |
| Input Water Filter | 100 mesh |
| Water Recirculation | Not Recommended |
| Abrasive | |
| Abrasive Flow Rate | 0.33 lbs./min |
| Abrasive Capacity | 40 lbs. (18 kg.) |
| Abrasive Type | Garnet 80 mesh |
| Gantry | |
| Maximum Linear Speed | 75 ipm (1905 mm/min) |
| Gantry Positional Precision | 0.003" (0.08 mm) |
| Power | |
| WAZER | 220-240VAC; 50 Hz; 2A; 250W |
| Pump Box | 220-240VAC; 50 Hz; 6A; 1500 W |
| Miscellaneous | |
| Compatible File Types | .dxf, .svg |
| Connectivity | SD Card |
| Wam Software - Browser Compatibility | Chrome, Internet Explorer, Safari, Firefox |

PROFESSIONAL GRADE FABRICATION



Bicycle Belt Drive



Penny Necklace



Custom Knife



Custom Tile



Wheelchair Umbrella Mount



Glass Sculpture

Made in China