# WAZER Compact Waterjet

WAZER is the first compact waterjet that cuts virtually any hard or soft material with digital precision. The high velocity jet uses a combination of high-pressure water and sandlike abrasive particles to cut through the workpiece. The low cost and unsurpassed capabilities make the Wazer a natural addition to any Makerspace, Fab Lab, or Engineering Education program.

Here is just a handful of examples of the types of materials the Wazer is capable of cutting.

Image: Display the state of the types of materials the Wazer is capable of cutting.

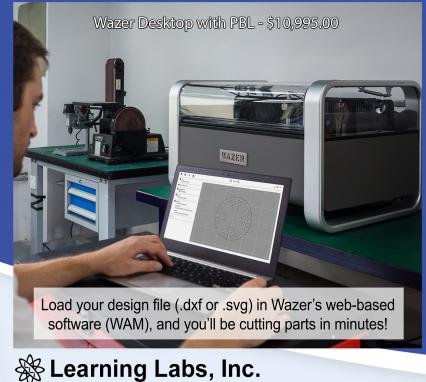
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Prices includes a spare cut bed, two buckets of abrasive, two water sensors, accessory kit, setup kit, plumbing kit, spare parts, user manual, 12 month warranty, and free shipping.



Wazer Standup with PBL - \$11,995.00



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### Materials and Cutting Speeds & Technical Specifications

#### MATERIALS & CUTTING SPEEDS

Material	Thickness	Cut Rate (inches per minute)	Max Thickness
<i>Metals</i>	.016"	10.2 ipm	.500"
Aluminium 6061	.063"	3.0 ipm	.500"
Aluminium 6061	.125"	1.7 ipm	.500"
Aluminium 6061	.250"	0.9 ipm	.500"
Aluminium 6061	.375"	0.6 ipm	.500"
Aluminium 6061	.500"	0.5 ipm	.500"
Copper 110	.031"	1.9 ipm	.188″
Copper 110	.063"	1.1 ipm	.188″
Copper 110	.125"	0.6 ipm	.188″
Copper 110	.188"	0.5 ipm	.188″
Stainless Steel 316	.016"	2.9 ipm	.125″
Stainless Steel 316	.031"	1.8 ipm	.125″
Stainless Steel 316	.063"	1.1 ipm	.125″
Stainless Steel 316	.125"	0.7 ipm	.125″
Mild Steel 1008	.031"	2.1 ipm	.125″
Mild Steel 1008	.063"	1.3 ipm	.125″
Mild Steel 1018	.125"	0.6 ipm	.188″
Mild Steel 1018	.188"	0.5 ipm	.188″
Titanium G5	.016"	4.1 ipm	.125″
Titanium G5	.031"	2.3 ipm	.125″
Titanium G5	.063"	1.3 ipm	.125″
Titanium G5	.125"	0.7 ipm	.125″
<i>Misc.</i> Polycarbonate HDPE Silicone, 50A Glass, Borosilicate Glass, Soda Lime Carbon Fiber Tile, Ceramic Tile, Porcelain	.125" .500" .250" .125" .125" .125" .188" .375" .375"	3.4 ipm 0.8 ipm 21.5 ipm 10.6 ipm 7.2 ipm 0.8 ipm 9.6 ipm 1.9 ipm	.313" .500" .500" .250" .250" .188" .375"

#### TECHNICAL SPECS

#### Size and Weight

WAZER Size with Stand Leg Accessory WAZER Empty Weight WAZER Loaded Weight Pump Box Size Pump Box Weight 34" x 25" x 21" (864 mm x 635 mm x 534 mm) 34" x 25" x 47" (864 mm x 635 mm x 1194 mm) 110 lbs. (50 kg.) 300 lbs. (136 kg.) 21" x 15" x 11" (533 mm x 355 mm x 280 mm) 92 lbs (42kg)

12" x 18" (305 mm x 460 mm) 13" x 19" (330 mm x 485 mm) 0.044" (1.2mm)

Tap Water

100 mesh Not Recommended

#### Water

*Cutting* Cutting Area

Cut Bed Size

Kerf (width of cut)

Water Source Water Draining Input Water Filter Water Recirculation

#### Abrasive

Abrasive Flow Rate Abrasive Capacity Abrasive Type 0.33 lbs./min 30 lbs Garnet 80 mesh

Standard Water Drainage

#### Gantry

Maximum Linear Speed 75 IPM (1905 mm/min) Gantry Positional Precision 0.003" (0.08 mm)

*Power* WAZER Pump Box

*Wam Software* Browser Compatibility n 0.003" (0.08 mm)

110-120V AC; 60Hz; 2A 110-120 V AC; 60Hz; 15A

Chrome, Internet Explorer, Safari, Firefox

*Miscellaneous* Compatible File Types Connectivity

.dxf, .svg SD Card

## Eearning Labs, Inc.

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