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Product Brochure For K8532

CNC Waterjet Includes Stand - WAZER PRO

Built to School Specifications
NSW DOE Item 50



WAZER

1 YEAR WARRANTY

15A PLUG 240V

Please Call

ORDER CODE:	K8532
NSW DOE Item No.:	50 (Option B)
MODEL:	WAZER PRO
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):	8600
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):	19.1
Electrical Power (kW):	~
Max Current (Amps):	240VAC 15 amp
Input Air Pressure (Bar (PSI)):	~
Weight (Empty) (Kgs):	170
Operating Weight (Kgs):	360

Description

WAZER PRO can cut through sheets of any material including metal, stone, glass, ceramic, composites, plastic, rubber, and foam.

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

Increased cutting pressures means the WAZER PRO can cut 2-4 times faster than the desktop model with the same abrasive rate, reducing consumable cost and running time considerably.

WAZER Pro cuts up to 25mm Aluminium, 10mm Mild & Stainless steel, 25mm Stone or rubber.

The WAZER PRO has with the ability to cut submerged up to 10mm for quieter cutting.

The absolute zero locating feature allows you to easily create re-useable fixtures for repeat jobs.

Fitted with a water spray Nozzle allowing cut components to be cleaned inside the WAZER PRO.

WAZER WAM Design Software
Wazer Pro 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.

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- 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.

Safety Features

- CE Certified with safety interlocks on top cover
- Keyed isolation switch - PWD approved
- Test and tag certificate on 240V lead

Includes

- WAZER PRO 50Hz International Version
- 1 x Cut Bed
- 1 x Spray Nozzle
- 2 x Abrasive Bucket
- 2 x Water Sensors
- 1 x Accessory Kit
- 1 x Setup Kit
- 1 x Plumbing Kit
- 1 x User Manual

Optional Accessories

- WAZER Cut Bed 3 Pack
- WAZER Nozzle

With all that Power, the WAZER Pro cuts Fast, and cuts Thick materials.

Material Type	Cut Speed (Compared to Desktop)
Metal	2-3x
Glass	4x
Plastic	3-5x
Composites	5-10x
Tile	4x
Rubber	2-3x
Foam	2-3x

Material	Max Thickness Pro	Max Thickness Desktop
Aluminum	25.4 mm	13 mm
Mild Steel & Stainless Steel	10 mm	5 mm
Plastic	25.4 mm	13-19 mm
Carbon Fiber	25.4 mm	8 mm
Stone	25.4 mm	13 mm
Rubber	25.4 mm	13-19 mm

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Specific Features



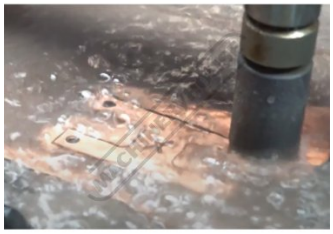
Front View

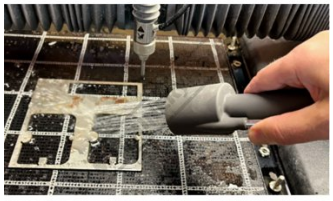

Cutting Head Inside Front View



UI Controls


Sample Cutting


Submerged Cutting


Wazer Pro Water Nozzle

Recommended Accessories

W08726
NOZZLE Replacement assembly



W08723
CUT BED Replacement - 3 pack



S293
Waterjet Garnet 80 Mesh



S293T
Waterjet Garnet 80 Mesh

