

Wazer

DESKTOP WATERJET CUTTER



The Wazer is the world's first Desktop Waterjet Cutter. It will easily fit into any classroom/workshop and is available as either a desktop unit, or integrated into its own stand.



WAZER DESKTOP



WAZER STANDUP

Clean, safe and easy to operate, the Wazer is compact and fully-enclosed. It is able to cut almost any hard or soft material with digital precision - its high-velocity jet uses a combination of high-pressure water and sand-like abrasive particles to cut through the work piece, resulting in high-quality, intricate cuts and giving a professional-grade finish. The digital control achieves detail and accuracy, which would be impossible to achieve manually.

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Wazer

THE WAZER COMES AS STANDARD WITH:

- Wazer Desktop: Wazer + Pump Box
- Wazer Standup: Wazer + Pump Box + Stand

Plus:

- 1 x Wazer Replacement Cut Bed
- 2 x 25kg Abrasive Buckets
- 12 Month Warranty

WHY WATERJET?

Waterjet technology has significant advantages over conventional cutting methods:

- Cuts any material – such as steel, titanium, aluminium, glass, stone, tiles, carbon fibre
- Achieves intricate detail
- Requires no ventilation
- Results in a smooth surface finish
- No heat-induced material warping



QUICK AND EASY SET-UP

The Wazer is easy to set-up and use, following the instruction guide and on-line videos – you just need a standard power socket, water supply and the recommended abrasive.

With the purchase of a Wazer, you will receive access to the Wazer Learning Portal, which contains information on every aspect of the machine: from basic set-up and use, to information on materials, trouble-shooting and much more.

Compatible Files: .svg or .dxf files

Connectivity: SD Card

Operating Systems: Windows/Mac

TECHNICAL SPECIFICATIONS	WAZER
Weights & Dimensions	
WAZER Main Unit Size:	856mm x 648mm x 551mm
WAZER Main Unit Size with Stand:	856mm x 648mm x 1220mm
WAZER Main Unit Empty Weight:	50 kg
WAZER Main Unit Loaded Weight:	180 kg
Pump Box Size:	533mm x 355mm x 280mm
Pump Box Weight:	42 kg
Power	
Main Unit:	220-240V / 50Hz / 2.5A
Pump Box:	220-240V / 50Hz / 10A
Cutting Dimensions	
Cutting Area:	305mm x 460mm
Bed Size:	330mm x 485mm
Kerf (width of cut):	1.2mm
Water Requirements	
Water Source:	Filtered tap water
Input Water Filter:	~300 mesh
Input Water Requirement:	> 3.8L/min; > 35Psi (2.4Bar)
Water Draining:	180mg/L; > 130°F/54°C
Draining Hose requirement:	1.9L/min • < 9m length; < 1.2m elevation
Water Recirculation:	Not Recommended
Abrasive Requirements	
Abrasive Flow Rate:	40g - 150g/min
Abrasive Capacity:	13.5 kg
Abrasive Type:	Premium 80 Mesh Fine Garnet Abrasive
Miscellaneous	
Noise Emission	74 +/- 3dB