

AquaCut

CNC waterjet cutting machine

MicroStep[®]
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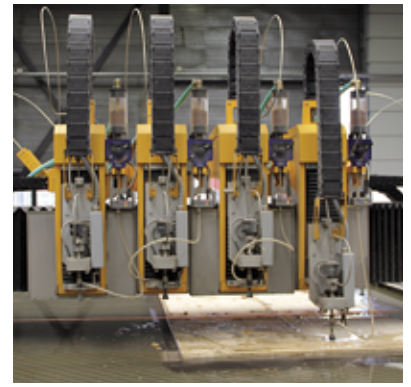
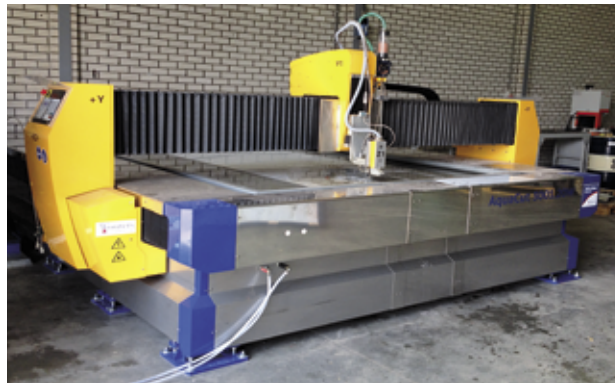
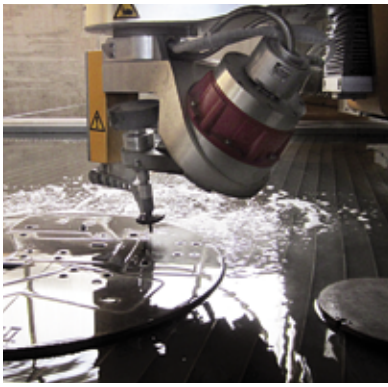


- AquaCut machine is a high - precision CNC cutting machine designed for processing of a wide variety of materials including those that cannot be subject to thermal or mechanical stress
- Pure water or abrasive cutting can be applied to metal, stone, marble, armoured glass, ceramics, plastics, wood, corrugated cardboard, foam material as well as sandwich materials
- Optionally equipped with a 5 axis waterjet rotator for bevel cutting and ACTG to increase an bevel cutting accuracy
- Possible compensation of cut angularity (Adaptive Bevel Compensation)
- Multiple cutting heads to cut more parts at the same time
- Drilling and tapping heads with automatic tool exchange
- Pneumatic clamps option for fixing the workpiece
- Abrasive cleaning system
- Possibilities to combine with plasma, pipe and profile cutting
- Covers for protection of mechanical parts
- Efficient and user-friendly PC-based CNC control system iMSNC[®]
 - Full network connectivity
 - Remote diagnostics and assistance
 - Advanced servicing software tools

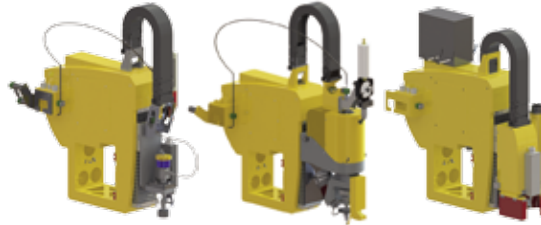


Unique system of geometry calibration

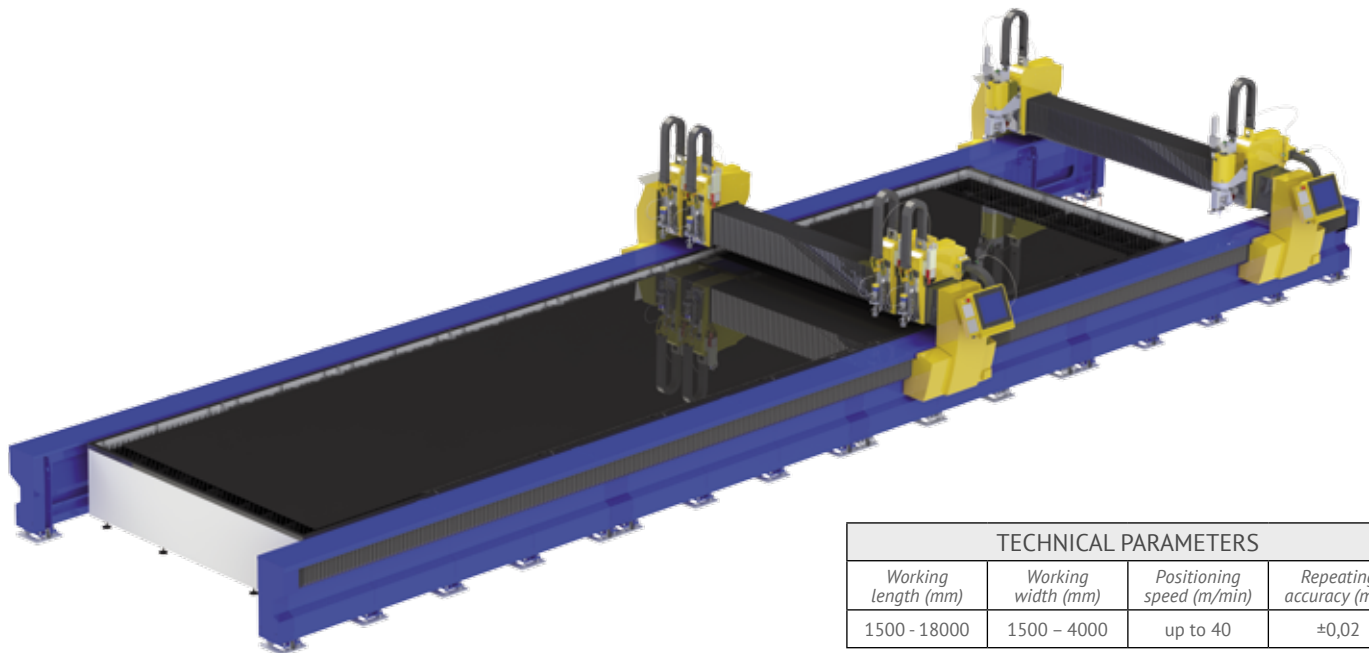




Efficient and user-friendly PC-based CNC control system iMSNC® and operator console with 17" TFT touch screen



Straight waterjet head or 5 axis waterjet rotator as well as combined with plasma, pipe and profile cutting or drilling and tapping possibilities



TECHNICAL PARAMETERS			
Working length (mm)	Working width (mm)	Positioning speed (m/min)	Repeating accuracy (mm)
1500 - 18000	1500 - 4000	up to 40	±0,02



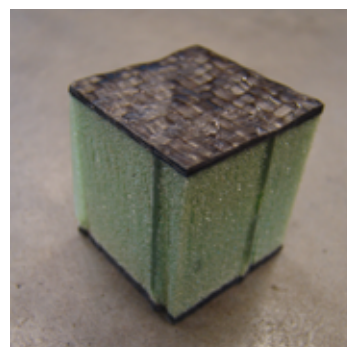
Linear guidelines for smooth and precise movements or optionally ball screws



Option of cleaning system based on mechanical sludge removal with conveyor system to transport sludge to the bin



Standardly equipped with operator terminal on gantry construction, optionally with touch screen on the gantry



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