

BAZ1

Combined vertical water-jet cutting and edge processing line

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The BAZ 1 is a vertical water-jet and processing line offering completely new options for processing different glass types. In one operation the machine is able to cut out any shape from a wide range of glass types and process it using diamond tools.

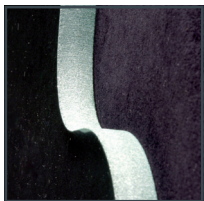
The machine with combined suction head-clamping bar transport can easily handle small to very large and heavy sheets. The sheet is brought in, automatically positioned, cut, its interior and exterior processed if required, and then transported to the washing machine.

The BAZ 1 forms the basis for a continuous production workflow that enables rapid sequential processing of glass sheets.

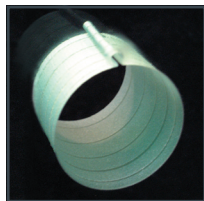
The BAZ 1 can cut floats, VSG glass, fire protection glass, etc. with extreme precision up to a thickness of 80 mm. Since no positioning forces act on the glass sheet during the cutting process, even very thin sheets and sections near the glass edge can be cut with ease. A neat water-jet cut can be tempered without any further processing.

Highlights

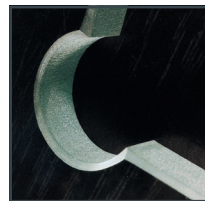
- Maximum processing accuracy
- Any shape can be cut and processed in a single operation
- Extremely short cycle times
- Cuts all glass types with a glass thickness from 2 mm to 80 mm with great precision
- No damage caused by return jet effects
- No diamond tools are needed for drilling and milling.
- The machine can process 550 x 200 mm up to 8000 x 3300 mm glass sheets in one automatic cycle
- 20x tool changer
- Integrated tool measuring device
- Automatic dressing and profiling device for the polishing disc



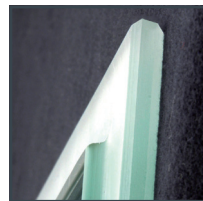
Perfect water jet cut even when processing shapes



Straight or shape cuts of very strong laminated glass



Seaming of cutting edges



Milling of steps

Technical Data	BAZ1-25/16	BAZ1-35/25	BAZ1-50/25	BAZ1-60/33
Glass thickness	2 - 80 mm (Water-jet cutting) 2 - 19 mm (Grinding / Polishing)			
Minimal size cutting	350 x 180 mm			
Minimal size Grinding / Polishing (periphery machining)	550 x 200 mm			
Maximal size	2.500 x 1.600 mm	3.500 x 2.500 mm	5.000 x 2.500 mm	6.000 x 3.300 mm
max. load for transport / WTZ	400 kg/lm			

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