

REEKIE STEELTEC LTD

WaterJet Machining Center



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...cut through
virtually
any
material
producing
excellent
edge quality....

Electrical engineering
industry

Printed
circuit board
manufacture

Aerospace

Automotive
industry

Job shops
(2-D or 3-D)

Metal industry

Plastics
Stone
Ceramics
Glass
Special materials

Nonwovens
Paper
Packaging

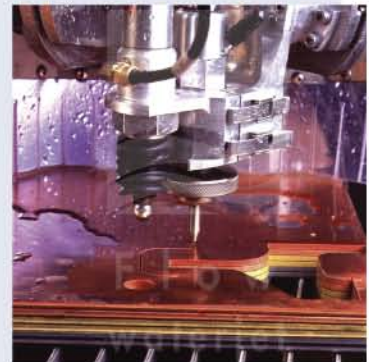
To cut metals, stone, glass and other hard materials, FLOW developed, patented and perfected a device that entrains abrasive into the waterjet, increasing the cutting performance. This abrasivejet, known as the PASER®, can cut through virtually any material producing excellent edge quality. The FLOW cutting head PASER ECL Plus redefined the measurement of peak performance – the fastest possible cutting speed and the lowest possible operating cost.

At high cutting speeds conventional waterjet systems create angular errors at the edge of the cut also known as taper. This undesirable side effect occurs due to reduced stream intensity during the cutting process.

Leading scientists of the FLOW Group therefore developed a sophisticated technology to increase the accuracy – the system “Dynamic Waterjet”.

Equipped with Active Tolerance Control this system moves the cutting head three dimensionally. The intelligent software FlowMaster® accurately predicts the correct tilt, the optimum cutting speed and the necessary rotary movement for every position along the cutting path.

Dynamic Waterjet follows the contour smoothly and without a transition while the tilting angle is constantly being corrected according to the changing part geometry. Due to the tilt of the cutting head, the cutting speed can be increased and part tolerances of ± 0.04 mm can be achieved under optimal conditions even on thicker materials. Compared to conventional waterjet cutting systems Dynamic Waterjet achieves better part quality and higher cutting speeds. For the customer this means not only high cost savings but also a much better part quality.





About Reekie Steeltec Ltd

We are capable of carrying a project through its entire lifecycle, from designing a solution through manufacture, finishing and testing. Whatever your requirement we will be able to help.

We are committed to provide the highest quality service possible. We have a vast array of equipment and skills to cover any requirement. Our facilities include:

*Laser Cutting/Profiling
Waterjet Machining Center
Bending
Punching/Piercing
Welding & Fabrication
Painting
Finishing
CAD
Computerised Inspection*

Visit us at <http://www.reekiesteeltec.com> or contact us for more information:

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