

Waterjet cutting

tmk
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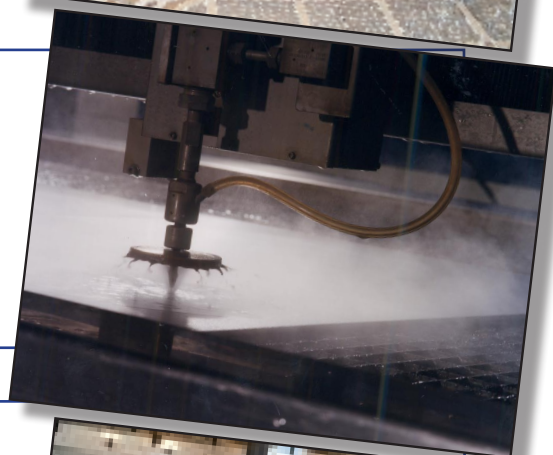
How can waterjet cutting enhance your design?

- Provides the ability to cut intricate designs from ceramic and porcelain tiles.
- The system can also cut stone, marble, steel and numerous other materials.
- Detailed corporate logos can be incorporated in hard wall and floor finishes.
- Unique murals can be produced to the client's specific requirements.
- Modern materials can be cut to blend with historic installations – ideal for restoration projects.
- If you can draw it, we can cut it.



What is waterjet cutting?

- Water is pressurised to 55000psi and piped through a 1mm diameter cutting head on to the material.
- The jet of water is able to cut foam, plastics, fibreglass and laminates etc.
- The addition of an abrasive enables the cutting of hard products such as porcelain and ceramic tiles, steel, stone, marble, brass, glass, aluminium and bronze.



Features:

- The waterjet can cut single sheets of material up to 3mtrs x 2mtrs x 100mm.
- No heat is used in the process, there is no thermal or mechanical distortion so heat stressing and discolouration are eliminated.
- There is excellent clean edge separation because there is no contact with tools.
- Waterjet can cut faster than a laser, and through thicker material.
- Waterjet produces no dust, pollutants or toxic fumes.
- Waterjet is linked to a CAD/CAM programme to ensure fast development of designs.



What we need from the designer:

- A CAD drawing will allow the quickest turnaround of design and production.
- We can work with traditional scaled drawings and will transfer the design to CAD.
- Our designers are happy to develop rough sketches through to final proofs.
- We can also develop designs from digital photographs.

This image shows the 'tmk' - Trademark Tiles logo cut from a 100x100mm tile, note the delicacy of cutting that can be achieved. Contact us for a free sample.



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