

Aqua Dynamics is ready for the Boom in infrastructure projects.



V&A Museum – Forecourt, Porcelain floor tiles

<https://www.youtube.com/watch?v=BlGBx3A67AI&t=33s>

Aqua Dynamics have been involved in large scale construction projects for many years. Leading companies in this ever-growing industry are utilising our services for larger projects because waterjet technology is one of the foremost machining tools utilized to accelerate production timelines.

The past few years have seen us working on prestigious projects such as the forecourt of the V&A Museum, seen here. Resizing such a vast area of bespoke 20mm thick porcelain tiles, required the tightest tolerances to ensure this stunning, seamless installation.

Infrastructure, mass transit improvements, road repair and general development are all on the table for Aqua Dynamics in the coming year, and there's plenty of room for expansion where the requirement falls directly to our abrasive waterjet cutting capabilities.

Because our waterjet is, in fact, material neutral, we can cut virtually anything from hardened tool steel and titanium to glass, composites, plastics and rubber with no tooling changes. That versatility can't be found with other machining methods. Additionally, waterjet cutting is a cold-cut process that eliminates heat affected zones, burn marks and burring. Unlike traditional CNC machines, the waterjet does not suffer from tool wear, meaning tolerances are consistently tight and production is constant. We work with materials ranging from 2mm glass through to 150mm steel by adjusting the machine's cutting speed.

Aqua Dynamics has the capability to handle specialized manufacturing requests and fill orders fast. Utilizing Aerospace Quality OMAX waterjets means we have the flexibility and capability to produce high quality parts manufactured to tight tolerances in virtually any material.



Continued innovation in our service means we can easily pivot to the needs of the future of the construction industry.

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