



Aquamax
THE WATER JETTING EXPERTS

New Zealand's Commercial Water Jetting Specialists

Specialists in surface preparation, hydrodemolition and water jetting services

Your specialist water jetting services company, Aquamax Hydroblasting, was established in 1995. We operate a wide range of water jetting equipment from low (200 bar, 3000 psi) through to ultra-high-pressure (3,000 bar 43,000 psi). Our equipment supports a wide range of applications from hydrodemolition to stripping off paint from aircraft.

We have the capability to offer water jetting services throughout New Zealand with divisions based in Auckland, Wellington and Christchurch. We can assemble teams from around the country to ensure the right expertise is applied to any project.

Our services range from commercial waterblasting and hydrodemolition to remove hardened concrete through to paint stripping, and corrosion removal. We also offer scabbling services and stencilling and decorative finishes for that finishing touch to a project.

**Speak to an expert on
0800 AQUAMAX (278 2629)**

www.aquamax.co.nz



OUR SERVICES

HYDRODEMOLITION

Hydrodemolition is the process of removing hardened concrete, using ultra-high-pressure water jetting which does not damage the surrounding concrete or steel. This process is frequently used during seismic strengthening.

PAINT & CORROSION REMOVAL

Water jetting is an ideal removal tool for paint and corrosion from a range of substrates, most commonly steel, aluminium and concrete. If your coating contains hazardous substances such as lead, we can ensure that waste is contained and disposed via a certified process.

ROAD SURFACE PREPARATION

Aquamax is the market leader in road marking removal, road surface etching and bitumen flushing. Our unique process delivers the best outcome leaving minimal ghosting and no waste or debris.

INDUSTRIAL WATER JETTING

We deliver a wide range of services to the industrial and manufacturing sector such as plant and tank cleaning, marking removal and anti-slip preparation. Our team are very experienced working within plant operational environments.

HYDRO EXCAVATION & VACUUM LOADING

Our state of the art hydro excavation equipment delivers high-speed digging in sensitive locations avoiding potential damage to in-ground services. We also provide vacuum loading services taking care of construction, marine and industrial waste.

TUBE AND PIPE CLEANING

Water jetting is the proven method for cleaning condenser and heat exchanger tubes and pipes of various diameters. Aquamax has a range of equipment depending on your needs.

SCABBLING & ETCHING

Water jetting is a great alternative to mechanical scabbling. Being a wet process, dust is kept to a minimum and the scabbled finish is very stable and dust free. Etching and stencilling are additional services that can greatly enhance the concrete finish.

LOW PRESSURE WATERBLASTING

Our team is highly trained in all aspects of hot wash and water blasting and equipped with the best available PPE. Typical applications are anywhere from carparks and roofs in commercial property to plant and tank cleaning.



We service a wide range of industries:

- **CONSTRUCTION**
- **ROADING**
- **POWER GENERATION**
- **OIL & GAS**
- **TRANSPORT**
- **AVIATION**
- **MARINE**
- **INDUSTRIAL**

HEALTH AND SAFETY

The health and safety of every one directly or indirectly involved with our operations is the primary concern of our management team.

Following an external ACC health and safety audit, we are proud to have been recommended for primary accreditation.

We operate in accordance with the Australian/New Zealand Standard for High pressure water jetting systems, AS/NZS 4233.1:2013.

CONSTRUCTION



We offer a wide range of applications to the construction sector such as hydrodemolition, hydro excavation, hydro scabbling and vacuum loading. Our clients include leaders in the industry.

Construction Project Examples:

- **SKY TOWER**
Auckland - coating removal on structure at top of tower
- **MOORHOUSE AVE OVERBRIDGE**
Christchurch - extensive hydrodemolition and scabbling on active bridge
- **NEWMARKET VIADUCT**
Auckland - concrete scabbling and hydrodemolition



ROADING



The roading sector in New Zealand has been for many years a significant user of water jetting services for road-line removal and bitumen flushing (also called water cutting) services. Another relevant service is surface preparation prior to applying coloured surfacing e.g. greening.

Roading Project Examples:

- **LINE REMOVAL**
Christchurch - extensive road line removal supporting the city-wide cycle lane project
- **PAINT SPILL REMOVAL**
Wairarapa - 14 km of spilt marking paint removed from regional highway
- **BUS STOP REMOVAL**
Auckland - markings on 50 bus stops removed throughout Auckland metropolitan area



POWER GENERATION



For thermal and geothermal power generation facilities, our unique low-flow rate, but ultra-high pressure pumps allow operators to tackle tight spaces and complex shapes such as cleaning ash from inside boilers or silica scale from turbine blades.

Power Generation Project Examples:

- **LARGE GEOTHERMAL PLANT**
Taupo - Significant turbine descaling in support of two-week shut
- **HUNTLY POWER STATION**
Cleaning fly ash from water tube boilers



OIL & GAS



Aquamax offers a wide range of water jetting applications to the oil and gas industry. We have been involved with a number of projects for established players in Taranaki since 2010. A number of our team are trained in Bosiet, and have spent many weeks working on projects.

Oil & Gas Project Examples:

- **MAUI PRODUCTION FACILITY**
Taranaki - pre-shut stud and flange cleanup
- **POHOKURA PLATFORM (PPB)**
Taranaki Offshore - extensive paint and corrosion stripping
- **FPSO UMUROA MODULE REFURBISHMENT**
Taranaki Offshore - extensive paint and corrosion stripping



TRANSPORT



Stripping paint and corrosion is a common requirement when it comes to things transport. Water jetting is a much better option for stripping paint and corrosion from around vulnerable items.

Automotive Project Examples:

- **TRUCK CHASSIS**
Paint and corrosion strip on truck chassis undergoing recondition
- **FORD ESCORT RALLY CAR**
Full rally car paint strip for well known driver Bryan Stokes
- **1936 ROLLS ROYCE V12 CYLINDER BLOCK**
Paint and corrosion removal from classic engine



AVIATION



Aquamax has been active in the general aviation (GA) sector for over 12 years. We are known for our unique aircraft paint stripping process, an attractive alternative to using chemical strippers and abrasive methods. We have developed this process in conjunction with industry ensuring an appropriate level of documentation and process checks.

Aviation Project Examples:

- **FLETCHER TOPDRESSER STRIP**
Full paint and corrosion strip on multiple aircraft
- **VARIOUS HELICOPTER STRIPPING**
Full strip of body, tail boom and gearbox housing
- **DC3 FULL PAINT STRIP**
Complete strip of historic DC3 aircraft



MARINE



Rust and corrosion are no strangers to the marine environment and water jetting is a highly effective tool in the marine maintenance toolbox. Aquamax has a range of equipment for paint and corrosion stripping, blasting tanks and decks at various flow rates and pressures.

Marine Project Examples:

- **THE INTERISLANDER**
Deck blasting, ballast tank blasting
- **NAVY SHIPS, DEVONPORT**
Range of tank de-greasing and cleaning
- **FISHING TRAWLER**
Deck wash and spot blasting



INDUSTRIAL



Our industrial focus includes services for manufacturing plants such as dairy, chemical and glass factories, pulp and paper, packaging and everything in between. Our unique low-volume equipment we can operate inside, eliminate dust issues and contain and vacuum up waste with minimal disturbance to adjacent plant.

Industrial Project Examples:

- **PAPER MILL**
Paper machine paint strip during shut
- **CHEMICAL PLANT**
Resin removal from vat
- **GLASS FACTORY**
Equipment paint and corrosion stripping





Aquamax has provided a very efficient and accurate result to any work requests.

PAUL BAIRD, MARKING SUPERVISOR
DOWNER

HIGGINS.

I have used Aquamax numerous times and nothing is an issue. Very professional and easy to deal with.

JON PRICE, ROAD MARKING MANAGER
HIGGINS



We were faced with a very challenging project. I was very impressed with the Aquamax team, project management, and quality of the job.

CRAIG ROSS, MANAGING DIRECTOR
NSB PROTECTIVE COATINGS

Contact[®]

We've used Aquamax for 15 years on our annual shuts. I continue to be impressed with their project planning, health and safety management and the quality work delivered for us.

CHARLEY BEAGLE, ASSET MANAGER
CONTACT ENERGY

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