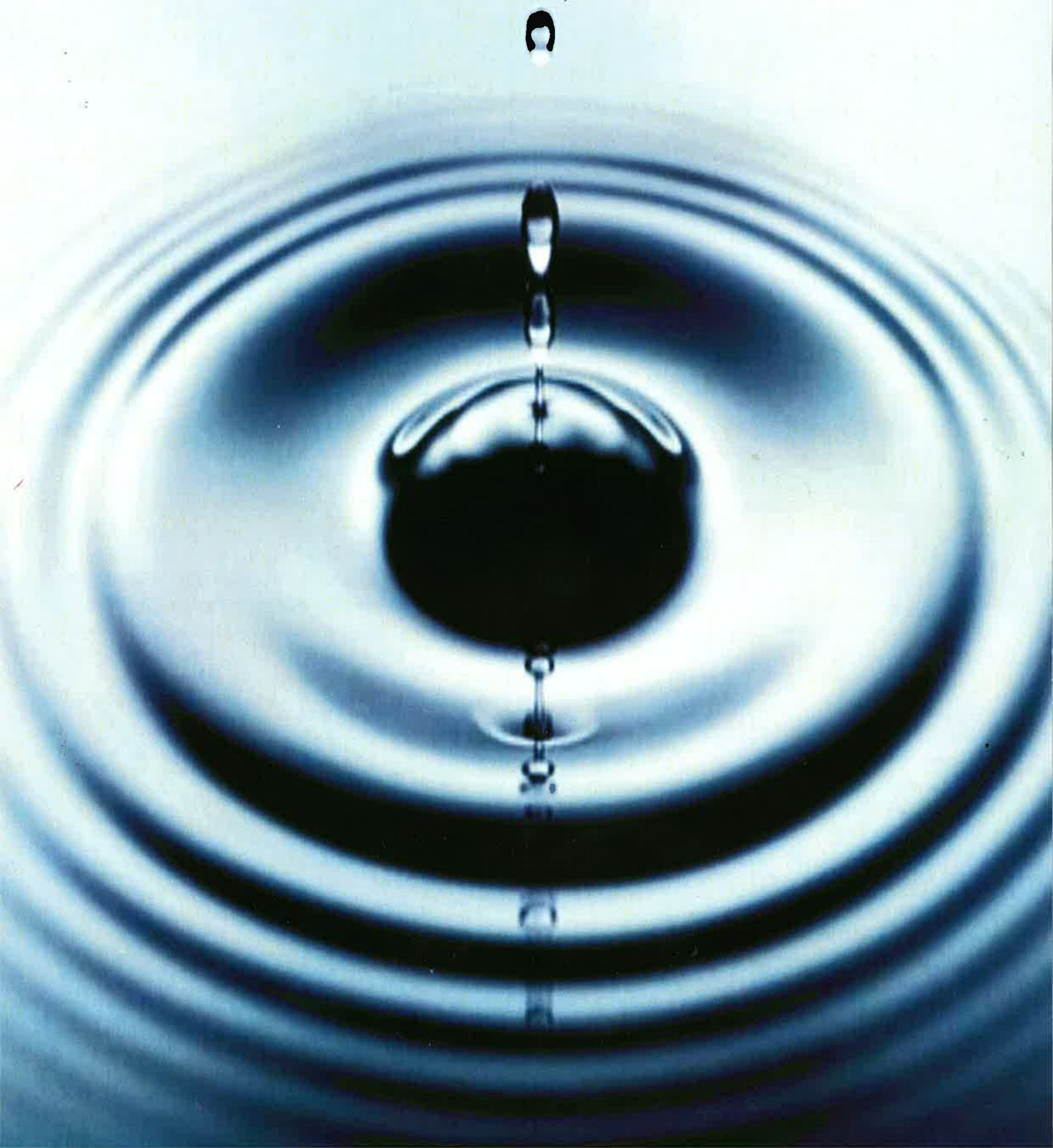












HYDRO-WASH

purpose built, customised, dedicated washing systems





with precisely what the customers required while at the same time incorporating features that include Hydro-wash's renowned design features:




-  Occupational Health and Safety issues
-  Low capital cost with low Total Cost of Ownership
-  Special consideration to vehicle finishes
-  Low chemical usage
-  Low water consumption
-  Total water recycling where possible
-  Standardization and incorporation of local proprietary parts if possible to facilitate easy and readily accessible spares if and when necessary
-  Minimum ongoing maintenance requirements
-  Energy and resource conservation
-  Optimum level of performance

It is with this experience and engineering philosophy that Hydro-wash has been invited to prepare designs for various wash plants including train washes for international applications in the following locations:

-  India
-  Peru
-  Singapore
-  USA
-  Venezuela
-  Australia

Additionally, we were invited by Australia's own airline, Qantas, to prepare and cost a practical wash solution for washing a range of aircraft ranging from 737's to 747's using a safe, and cost effective solution that did not have the shortcomings of other systems on the market but provided significant safety, time and cost benefits.

Recently, our company has provided cleaning solutions for other major projects such as the following:

-  Special locomotive wash system for 4000HP diesel locomotives including traveling underbody wash, travelling rollover gantry and body wash systems. value A\$890,000
-  Coal truck wash plant capable of washing over 120 coal trucks per hour including the supply of a complete water recirculation and treatment system. Value A\$1.5M
-  Automated wash plant for washing large 340t coal dump trucks incorporating a heavy and light vehicle wash facility Value A\$2.2M

Our reputation and growing list of successful cleaning installations has also recently resulted in our company being the preferred supplier for the new Taiwan Hi-Speed Rail Project, which required two purpose-built and unique wash systems valued at over US\$4.5M.

As part of our developing international reputation, our company always insists that local partners are part of the team from inception, so as to have an understanding of the system being installed, and to provide capable and proficient after-sales service and plan preventative maintenance with the client. Where possible, our company is also receptive to offset manufacturing so as to provide reciprocal benefits to local partners and to assist in ongoing relationships with clients.

Hydro-wash prides itself on being a single-source solution for automated cleaning products, providing design, manufacture, installation and servicing.

Hydro-wash and its principals have been involved in the design, supply and installation of car, truck and rail washing systems for over twenty years. In that time, Hydro-wash has been responsible for thousands of Specialised Washing Systems.

Hydro-wash offers its clients the expertise of a specialized design and manufacturing company operating internationally in a wide range of cleaning applications.

The greatest successes that Hydro-wash has experienced are those where innovative design for specialized equipment is required. Our designs for washing aircraft, façades and port handling equipment are examples of where we provide the highest-quality wash solutions.

We have created new standards in automated special wash plants and vehicle wash systems. The applications of our technology range from small parts-washing applications through to washing 340-tonne mining equipment and rail locomotives using world-first designs protected by registered designs and patents.

With this level of expertise, and supported by other companies within our engineering group, our capabilities are without limits.

Our experience with vehicles and truck-washing systems that sometimes require up to 40-50 different types of vehicle profiles to be accommodated in the wash program are in fact much more complicated in design than other systems available from our company, such as façade, aircraft and port handling equipment washing systems. The knowledge, technology and experience that we have introduced to other industries, such as train-washing, was, in most cases, far in advance of the prevailing technology current at the time and has since been adopted as a standard for many customers.

The wash systems that we have either designed or manufactured in Australia are all unique systems and presented individual and specific challenges to our design team, who responded



PROFILE

PROFILE



innovation

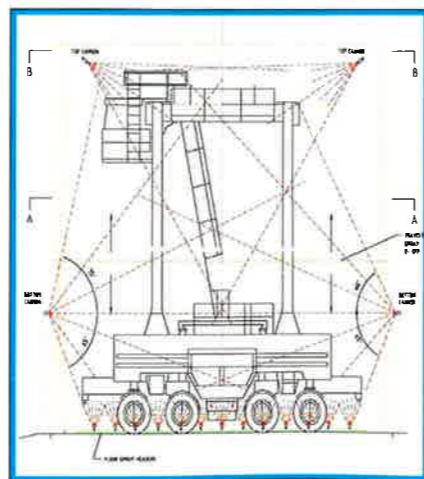
innovation

innovation

When you choose Hydro-wash as your partner, you are placing the single-source responsibility for your washing solution in the hands of our expert Engineering team. We have installed over 120 systems worldwide since 1990, engineered to meet the performance requirements of the most demanding applications and environments.

This broad experience enables us to provide unmatched value in the design, manufacture and support of your washing system. We develop turnkey solutions that go beyond cleaning, seamlessly integrating a wide range of processes and advanced features that dramatically improve productivity and profitability.

From designing and manufacturing your system, to installation and commissioning - at Hydro-wash, we are dedicated to providing you with an innovative washing solution that delivers superior performance and reliability.



automation

automation

automation

A clean machine is important in the Maritime Industry and a fast, reliable and economical Washing System is therefore in high demand.

The appearance of a fleet of well maintained and clean Cranes or Straddles conveys a corporate image to the public, and indeed to current and potential customers, of an efficient, reliable and well-organised company. An image we all strive to portray.

Of course, it is equally important that the Straddles are clean to ensure a quick turnaround for maintenance works and to enable early identification of pending failures and damage to the Straddles.



The cost of washing Straddles will be reduced dramatically and the time to wash reduced down from 8 hours to just 40 minutes with the Hydro-wash Automatic Straddle Carrier Wash System

INNOVATION

AUTOMATION

intelligent

intelligent



intelligent

safety

safety



safety

Aircraft cleaning is necessary to:

- ✍ Protect and preserve the paint finish of the aircraft
- ✍ Present a clean appearance to the traveling public
- ✍ Reduce "drag" on the aircraft surface, thereby lowering fuel consumption
- ✍ Allow critical testing and maintenance to be performed

There are enormous savings to be made by implementing an efficient and viable Automatic Aircraft Washing System. Hydro-wash has such a system. This unique Washing System is a low cost solution that reduces the time to wash a typical 747 aircraft by 80%, a remarkable reduction in cost and turnaround time. Efficiency equals Profit and by using one of the Hydro-wash Aircraft Washing



The importance of safety in any Maintenance Facility can never be underestimated. The need to provide a safe place of employment is clearly the responsibility of the employer.

All of our Wash Systems meet international and local safety standards as a minimum and often go far beyond these requirements. Our international reputation as a supplier of ergonomic, safe, reliable and low maintenance Washing Systems drives our Engineering team to provide solutions that reflect the needs of the application.

There will never be a compromise on Safety from Hydro-wash. We design systems that can be used safely in any environment and that allow the

operator the confidence they need to carry out their work safely and efficiently.



INTELLIGENT

SAFETY



INSTALLATION

The installation and commissioning of our Wash Systems, worldwide, is always under the direct control and supervision of our site Supervising Engineers who ensure that the system is installed in accordance with the high standards demanded by our customers and guaranteed by our ISO 9001 QA System.

We always work with our local distributors or Agents to ensure that the staff who install the Wash System are also the same staff who provide on-going 24 Hour / 7 Day Preventative Maintenance support.

Wherever the Wash System is to be installed in the world the Hydro-wash team will always be there to provide the expertise and support necessary for the successful installation and commissioning of your Wash System.



MAINTENANCE

Maintenance is a high priority item on our agenda. Your Wash System is a valuable asset and one needs to maximize the life and minimize the downtime of this very important piece of equipment.

A Preventative Maintenance Program is essential to ensure that this asset will provide you with the many years of trouble free operation that you naturally expect of it. This will not occur without your full involvement and our support in tailoring a program that suits your particular working environment.

Every Wash System Hydro-wash provides has a unique Preventative Maintenance Program supplied with our Operation and Maintenance



manuals. You have the option of allowing our Technicians to train your staff or for our local Agents to provide this critical service for you.



environment

environment

environment

The environment is the responsibility of us all. From the people who design equipment that has an impact on the environment in which we all live to the operators of that equipment who make daily decisions on its use that may also have an impact.

We all need to share the common goal of leaving this world to our children in a better state than we discovered it. That can only be achieved with some real effort and determination by everyone.

At Hydro-wash we take this responsibility very personally and design systems that use minimal detergent, recycle precious water and only use **green** cleaning agents. We try that little bit harder to produce a system that will assist in minimizing the impact of Washing Systems on our environment.



showcase

showcase



Vector Washers



Aircraft Washers



Heavy Vehicle Washers

The applications that our Technology have been adapted to are far too numerous to detail, however, as you can see from the various photo's on this page there are no limits in our dedication to producing a solution to any task presented to us.



Internal Trailer Wash



Train Washers

From Small Parts washing machines, to specialized Truck and Tanker Wash Systems to Aircraft and Port Handling Equipment Washing Systems.

Hydro-wash will always supply a clear, precise engineered solution to your washing needs.



Straddle Carriers



Truck Washers



Light Vehicle Washers



Car Washers



Tanker Washers

SHOWCASE

ENVIRONMENT



**Hydro-wash provides high quality engineered wash solutions to the
Road, Rail, Heavy Vehicle, Port and Aircraft Industries**

**Hydro-wash systems are designed and built by quality assured partners
to AS/NZ 180 9001, 9150 and 9001 certification and are fully guaranteed.**



HYDRO-WASH

purpose built, customised, dedicated washing systems

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