

Corporate Overview

Bluestream specialises in the delivery of heavy duty wash projects to the resource, construction and industrial sectors. Our Company has partnered with key suppliers to bring fast, simple and effective automated solutions for all heavy vehicle and equipment wash requirements. Our expertise extends from wash equipment supply through to turn-key engineering projects in remote mining, construction and industrial sites throughout Australasia and other parts of the world.



Choosing the right Wash Equipment

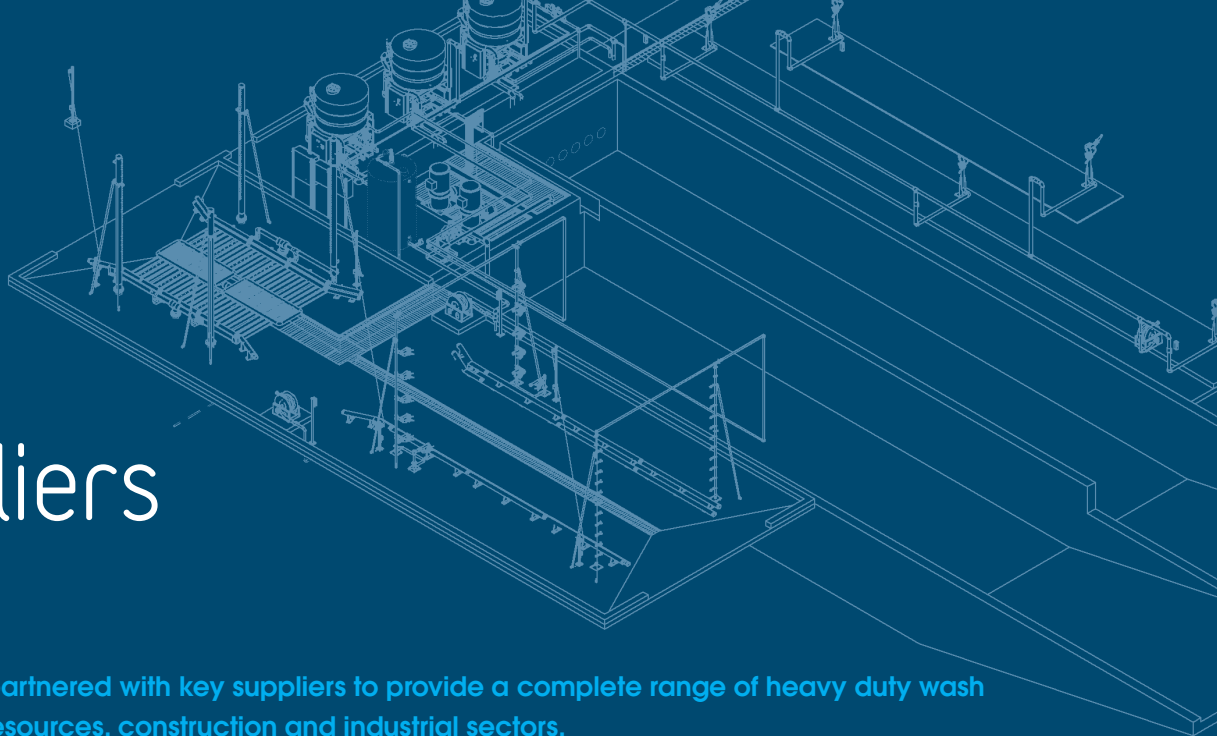
Bluestream has a large range of heavy vehicle wash systems selected with strict criteria to ensure that we only sell the world's best heavy duty wash equipment to the Australasian mining, oil & gas, agriculture & forestry and construction industries.

Most of our solutions are engineered specifically to our customers' individual requirements. The best way for us to determine what wash equipment is right for your business is by sitting down with you and 'getting into' the details of your operation. During this meeting we will likely have you address the following questions:

- > How many vehicles movements per day do you anticipate through your wash bay?
- > What type of vehicles will use the wash – largest and smallest?
- > Is water recycling important to you?
- > How would you describe the level and type of mud on your vehicles?
- > Are there any site specific electrical requirements we need to be aware of (e.g. type of PLC required, motor panel IP ratings, etc.)?
- > Is it an upgrade of an existing wash bay or a Greenfield site?
- > Are you requesting equipment only or turn-key (i.e. civil, electrical, and plumbing)?

To arrange a meeting to address these questions and determine which combination of our heavy duty wash equipment is best suited to your specific situation, please contact us.

Key Suppliers



Bluestream has partnered with key suppliers to provide a complete range of heavy duty wash solutions to the resources, construction and industrial sectors.



InterClean Equipment Inc.

InterClean was established in 1985 to specialise in heavy duty, automatic high pressure cleaning systems and over the last 15 years they have designed and completed well over 1,000 custom engineered projects throughout the world. Today, InterClean is known worldwide as the leader in innovative touchless cleaning technology with applications particularly suited to the mining, oil & gas and construction industries. At the heart of all InterClean wash systems, is their patented technology.

(i) Centri Spinner Wash Technology

The patented Centri Spinner was originally designed by InterClean engineers and has become the most copied and duplicated component in the vehicle wash industry. The Centri Spinner is practically maintenance free and requires only occasional speed adjustment.

(ii) EQ Water Reclamation System

The heart of the InterClean system is the patented anti-turbulent recycling and high pressure equipment module. The same module is used for all InterClean applications, from automated military tank washing to manual hand gun applications. The InterClean module facilitates the inexpensive and reliable use of high

volumes of recycled wash water. The system is designed to recycle and aerate the wash water automatically, without changing filters or manual supervision.

The system uses no chemicals or additives and is totally environmentally sound. By using this effective yet inexpensive recycling system, InterClean Equipment is able to employ the full force of high volumes of pressurised wash water, which creates a cleaning impact that is simply not possible with other automatic vehicle washing systems.

Dong Seo (Wheel Wash Systems)

Dong Seo is a high quality Korean manufacturer of wheel wash systems that are very competitively priced. The Dong Seo range is rugged and hard wearing and includes fully portable above ground systems with ramps and semi-permanent in ground systems that can either be dropped into a trench or fitted into preformed concrete.

The systems deliver an effective wash to both sides of the tyres as well as the under body and sides of the vehicle. The systems are built to operate in the harshest conditions with the main frames supported by CO2 welding, long lasting paints and are sandblasted to prevent rusting.

Light Vehicle (LV) and Medium Vehicle (MV) Wash Solutions

Bluestream provides a range of solutions for light vehicle and medium vehicle wash systems from standardised systems such as InterClean's Xtreme 40, 80, 120 systems, to fully customised solutions incorporating a variety of systems with different layouts, equipment options and integrated solutions depending upon a client's budget and required outcomes.



One of the most popular engineered solutions is a combined LV / HV wash system with a manual HV wash pad for larger vehicles.

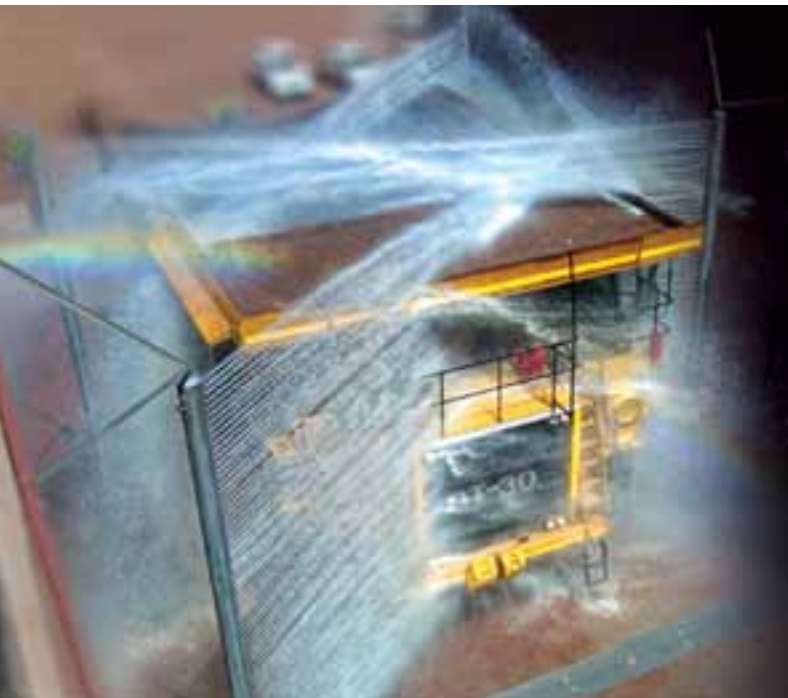
Xtreme 40 – This is an entry level system ideal for providing a wheel wash solution suited to high volumes of utes, 4 wheel drives and other light vehicles.

Xtreme 80 – This is an ideal solution for mine sites and other construction areas that require a tyre wash as well as a full maintenance wash for large vehicles. The tyre wash frames are designed to withstand the weights and widths of vehicles that are too large for legal road use and the four 20HP pumps provide the power necessary to blast away heavy soiling.

Xtreme 120 – The Xtreme 120 is the ultimate solution for oversized vehicles with particularly heavy soiling. With twice the washing area and 50% more power than the Xtreme 80, the Xtreme 120 removes the most difficult material from the underside of any vehicle that can fit between the guiderails. The tyre wash frames are designed to withstand the weights and widths of vehicles that are too large for legal road use and the six 20HP pumps provide the power necessary to 'blast away' heavy soiling.

Heavy Vehicle (HV) Wash Systems

Bluestream provides a variety of engineered HV wash solutions.



1. Fully automated drive-through HV wash system.

InterClean Equipment Inc. is one of the few companies to specialise in drive-through HV wash systems. To deliver the flow rates required to wash such large vehicles, InterClean has developed and patented two key technologies: Centri Spinner Wash Technology and EQ Water Reclamation Technology.

These two patented technologies combine to effectively wash HVs in 20 – 30 minutes as opposed to 2 – 8 hours of manual washing.

2. Manual HV Wash System (utilising wash cannons)

Bluestream engineers heavy wash solutions for the mining and oil & gas industries, utilising design expertise and wash equipment from InterClean and cannons from Akron Brass.

The systems are designed to use recycled water, solving the environmental discharge problem faced by most heavy equipment.

Bluestream's manual wash systems require a minimum amount of maintenance, requiring only emptying of accumulated solids from the pits and have been engineered to wash fleets containing vehicles of varying shapes and sizes. Bluestream can provide options with the cannons including joystick control up to full robotic solutions.

Quarantine, Train and Conveyor Belt Wash Solutions



1. Quarantine Systems

Bluestream manufactures Quarantine wash applications often used in the agricultural industry and also for container washing purposes in shipping yards. The quarantine wash solutions can be portable, semi-permanent or permanent installations depending on a client's specific requirements.

Portable Quarantine wash systems include a system which is housed on top of an existing concrete hardstand and is enclosed by a temporary canopy. All plant and equipment including the water recycling equipment is housed in a shipping container. The waste water is collected in the wash pad and pumped through the containerised water recycling system to be re-used in the wash process.

InterClean's 'Red Wolf' System is an example of a system that Bluestream sells which is truly portable in nature with all components housed and/or shipped in sea containers.

2. Train Wash Systems

Utilising the same principles that are applied to washing vehicles, Bluestream provides engineered solutions to clients who are looking to build Train Wash Systems that can cope with the extreme conditions found on mine-sites and other remote locations.

These Train Wash Systems use a combination of high volumes of water with the recycling technology to ensure that the trains are cleaned of dirt and grime associated with the hauling of bulk commodities.

3. Conveyor Belt Wash Systems

Bluestream has recently developed a Conveyor Belt Wash System designed to wash the underside of belts and therefore reduce the maintenance and wear and tear experienced by most conveyor belts. Various wash system components have been cleverly combined to create a solution that helps address this age old problem.