



# HEAVY-DUTY TRANSIT VEHICLE WASH SYSTEMS



## Wash Systems Engineered With Decades of Global Experience and Made in the U.S.A.

InterClean is an engineering, innovation and technology pioneer in the field of large vehicle cleaning applications. The fast changing transit market requires us to evolve and quickly react to application requirements and market standards. InterClean's wash systems: Transit Rail, Ultra, XJ Series and Hybrid deliver wash solutions that achieve maximum results in the transit bus, transit rail and paratransit bus industry.

### HYBRID Bus Wash

The Hybrid Wash System is a drive through wash system designed to use a combination of touchless cleaning for the front, top, wheel, under chassis and rear of a transit vehicle and foam brushes for the sides. The brushes are in a fixed position and typically use a foam material to prevent scratching and damage to the bus. As the vehicle passes through the wash, the wash detects it's position and activates the proper high pressure touchless cleaning component and activates and de-activates the brushes. Since the brushes are in a fixed position, they do not interfere with bus traffic and will prevent accidental damage to the bus and the wash equipment.

This system is available using fresh water or recycled water and the following options:

- Blowers
- Polyethylene Brush Material
- RO Rinse



## ULTRA Gantry Wash System

The Ultra gantry wash delivers state-of-the-art technology to the transit vehicle cleaning industry and comes in three different configurations; the Touchless Configuration, the Friction Cleaning Configuration, or the combination configuration. The premium models combine advanced touchless and brush wash methods for the best cleaning combination for transit bus, rail, and fleet vehicles.

### Touchless Cleaning

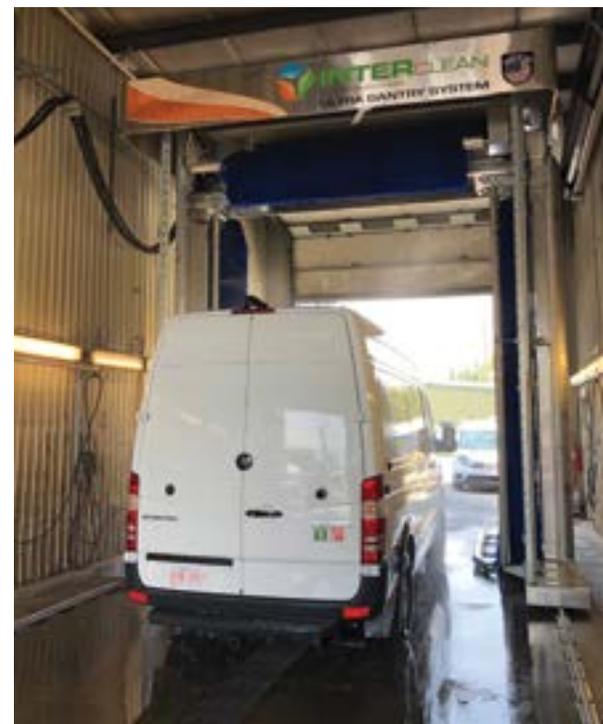
The Ultra can be equipped for only touchless cleaning, using the V-Spray, Spinner, or Oscillating 0 Degree configurations. This provides effective cleaning for odd shaped vehicles or vehicles with hard to clean areas that are beyond the reach of a brush.

### Friction Cleaning

The Ultra can also be configured for using brushes for cleaning. The 3 Brush Configuration utilizes our Total Brush Control (TBC) to control brush travel speed, location-based RPM, brush pressure, and create custom brush paths. This allows the Ultra's brushes to scrub every surface of your vehicle while protecting sensitive areas, such as mirrors, bike racks, or other equipment from damage.

### Combination

The best cleaning solution may include a combination of the Touchless and Friction Cleaning, this will enable the machine to safely and effectively clean different types of vehicles within the same fleet.





## XJ Series

The XJ Series wash systems are drive through systems designed to use brushes to clean the front, sides and back of the transit vehicle. In addition to the basic design, the system can be customized to include touchless cleaning for the front of the bus to prevent damage to the bike racks, mirrors or other accessories mounted on the outside of the bus. The Touchless Cleaning Modules are available with 30, 60 or 75HP motors. This system is available using fresh water or recycled water and the following options:

- Blowers
- Foam Brushes
- RO Final Rinse
- Touchless Cleaning Modules with 30, 60 or 75HP motors





## InterClean Equipment's Approach to Transit Rail Wash Systems is as Innovative as the Company Itself

With our global installations for Transit Rail, we have become a leader in cleaning these types of vehicles. Whether catenary, third rail, diesel, hybrid electric or locomotive, we have the experience and knowledge to create the wash solution for the trains of today and tomorrow. InterClean creates site specific washes with special chemical formulations designed to achieve a successful end result, whether the train is located in the frigid winters of Canada, the warm humidity of the Southeastern United States, or anywhere in between.

Our expertise in touchless cleaning allows us to design and manufacture complex systems that not only clean effectively, but also provide efficient water recycling, pH control, and multiple combinations of touchless and friction cleaning.

- Automatic Touchless Washing for the front and back of the train
- Automatically adjusting side brushes that move in to provide consistent brush pressure on the sides of train cars - even if the train cars are different sizes



## Recycling Module Delivers Continuous Supply of Recycled Water

The heart of the InterClean system is the patented anti-turbulent recycling and high pressure equipment module.

Each module is capable of producing up to 300 gpm recycled water continuously. The system is designed to recycle and aerate the wash water automatically without changing filters or manual supervision. The InterClean module facilitates the inexpensive and reliable use of high volumes of recycled wash water. The system is capable of operating under the most demanding vehicle wash conditions. The system uses no chemicals or additives and is totally environmentally sound.

To achieve recycled water volumes in excess of 300 gpm (1,250 l/min), multiple modules can be utilized in parallel. The module is pre-wired, pre-plumbed and mounted on a skid. The units are designed to fit in standard road trailers, or in high cube 40 feet ocean freight containers. The system has its own electrical panel that controls all system functions, such as liquid level monitoring and adjustments. The system is configured for modem hook-up that allows remote control and trouble-shooting.

**Dimensions: 60 in (150 cm) wide, 60 in (150 cm) long, 102 in (260 cm) high**  
**Recycling Capacity: 300gpm (1250 l/m) continuously**  
**High Pressure Capacity: 50-300 gpm (200-1250 l/m) continuously**



## Touchless CENTRI\* SPINNER Provides Unmatched Performance

Bus, train car and locomotive shapes, configurations and exterior components present a particular challenge for conventional brush wash systems. Transportation vehicles have a larger number of areas beyond the reach of brushes. And, unlike rotating brushes, the Centri\*Spinner® system will not damage mirrors, safety side signs, bike racks or rear light covers. The Centri\*Spinner is designed to provide the best available touchless cleaning power. The patented Centri\*Spinner is approved for both fresh and recycled water applications.

### Centri\*Spinner Specifications:

- Power Venturi Assisted Zero Degree Nozzles
- Hydrodynamic Rotational Speed Control
- Rotational Speed Range 60-200 RPM
- Mechanical High Pressure Seal
- 1" NPT Connection
- 270-330 psi Operational Pressure Range

Dramatically reduced corrosion, improved accessibility to the maintenance areas of the vehicle, and improved general appearance are direct advantages of using a Centri\*Spinner Wash System.

**CENTRI\*  
SPINNER**





# CLEAN BY NATURE



## INTERCLEAN

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