

RAINBOW ULTIMA



**ULTIMATE FLEET
CLEANING POWER**



HEAVY DUTY CLEANING POWER for Hard to Clean, Odd Shaped Vehicles

The Rainbow Spinner Ultima is designed to provide the best available cleaning power for Heavy Duty trucks, tanker trucks, garbage and other odd-shaped vehicles.

For standard applications, Ultima can be equipped with conventional flat, high-pressure nozzles.

The Key Element is High-Pressure Washing

Transportation vehicles have a large number of areas that are beyond the reach of brushes. High pressure washing addresses this problem. The Rainbow Spinner Ultima is equipped with pre-wash and high-pressure wash systems. Flat spray techniques are used for standard cleaning while Spinners with solid stream nozzles are designed for more demanding applications.

After a chemical prewash, high pressure Spinners use a rotating and spinning motion to quickly and efficiently clean spaces on odd-shaped vehicles that brushes cannot reach. Additionally, these high pressure Spinners with water jets remove sand and other coarse particles which could potentially scratch finishes during the brush stage of the wash.

Solid Stream Nozzles for Far Reaching Cleaning Power

While a flat spray pattern is ideal for short and medium distances, a solid stream spray pattern is more effective over greater distances.

The Spinner Ultima machines feature high-pressure Spinner Systems with rotating Spinners equipped with Solid stream nozzles. The water jets form a uniform area on the target surface.







ULTIMATE CLEANING POWER with V-Spray Arch

The Rainbow Ultima can be equipped with a V-Spray arch. It is designed to provide the best available cleaning power for any given fleet.

The Rainbow Ultima Fleet Wash offers state-of-the-art technology for a variety of applications.

Our top models combine advanced brushless and brush wash methods. For buses and other box-shaped vehicles, that must be washed on regular basis, a V-Spray arch is a prudent investment.

The high pressure V-Spray arch efficiently removes sand and other coarse particles which could potentially scratch finishes during the brush stage of the wash.





ULTIMATE CLEANING POWER with Centri*Spinner® Arch

The Rainbow Spinner Ultima is equipped with Centri*Spinner® arch. It is designed to provide the best available cleaning power for tanker, garbage and other odd-shaped vehicles.

Centri*Spinner® Specifications:

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

Trucks present a particular challenge for conventional brush wash systems, which is why InterClean's touchless wash units are so popular. The InterClean Centri*Spinner® system will never damage the truck.

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®





RAINBOW
ULTIMA
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CleanHarbour

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DANGER
CONFINED SPACE
DO NOT ENTER WITHOUT
OBTAINING PERMIT

THIS TRUCK
CARRIES
UNCONTROLLED
HAZARDOUS CROSSINGS

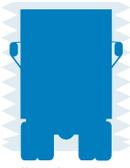
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Program Elements, Contouring Modes And Functional Features



Prewash application from lower spray banks



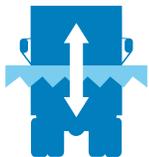
Prewash application from upper and lower spray banks



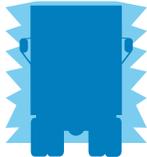
Prewash application with two different chemicals or with one chemical with two different strengths



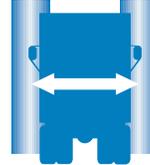
High-pressure application from lower spray banks



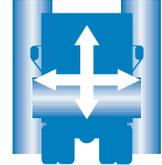
High-pressure application from contouring rotary head



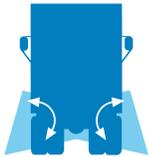
High-pressure application from upper and lower spray banks



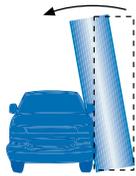
Wraparound 2-brush wash



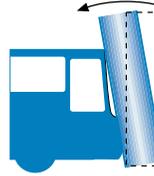
3-brush wash with contouring top brush and wraparound side brushes



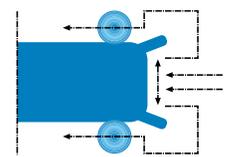
Oscillating under carriage wash



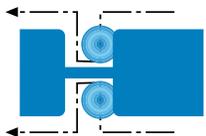
Vertical side contour-tilting action for vans and other small vehicles



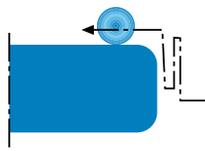
Vertical front contour tilting action



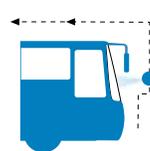
Front mirror override mode for side brush trajectories



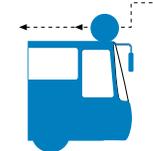
Adjustable draw bar limit for side brushes



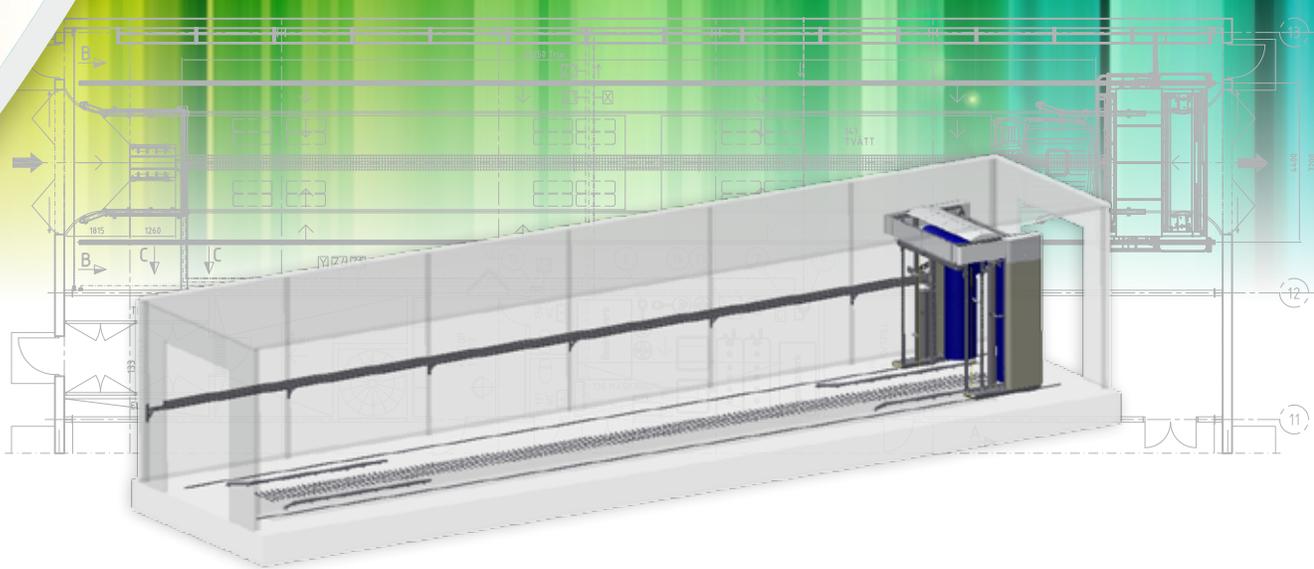
Side brush cross-over wash - performed with both brushes



Automatic front mirror override mode for rotary head trajectory



Front mirror override mode for top brush trajectory

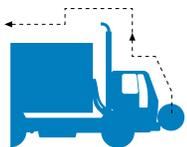


UNPARALLELED CLEANING POWER for Any Fleet

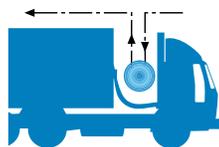
Automatic cleaning of street legal can be a challenge due to the variety of shapes and sizes of vehicles in the fleet.

A brush wash with or without a prewash is our standard methodology for cleaning vehicles with flat sides. However, cleaning vehicles with irregular shapes requires brush contouring and moveable spray bars placed at the optimal distance from the surfaces to be cleaned.

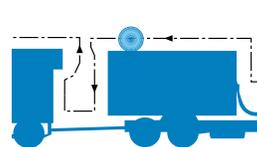
The Ultima control system is the most advanced in the industry. It offers a wide range of selectable and built-in programming elements, contouring modes, and functional features. The wash system can easily be customized to meet the needs of the fleet.



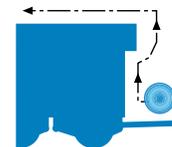
Pre-programmed override sequence for rotary head and top brush



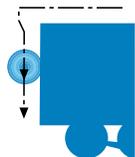
Automatic arctic gap sensing feature



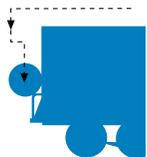
Two settings for top brush lower limit and arctic level



Top brush - back-off feature



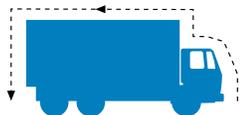
Top brush - intensified rear wash / back-on feature



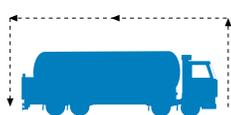
Adjustable load platform limit for top brush



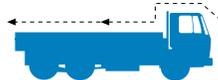
Small vehicle mode: effects to brush pressure and top brush lower limit settings



Full contouring mode for rotary head and top brush

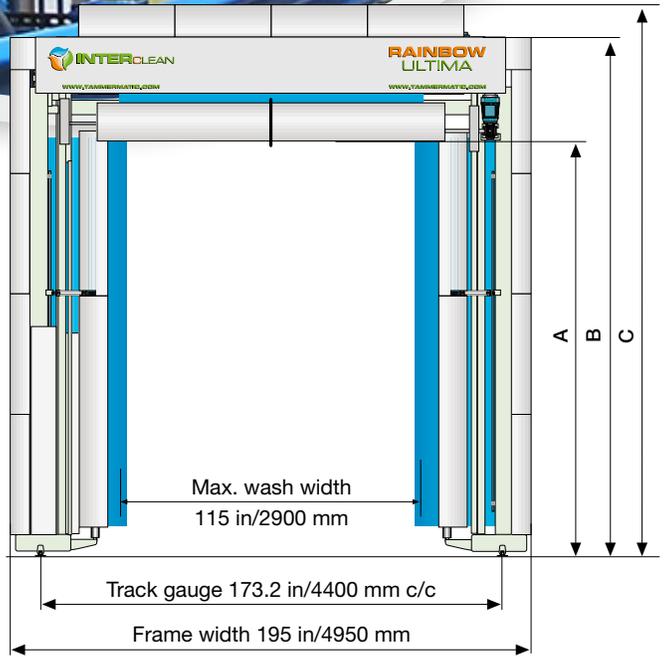


Full override mode for rotary head and top brush



Open top and flat bed vehicle mode for rotary head and top brush

DIMENSIONS AND SERVICE CONNECTIONS



Recycling Module

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.

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 such as recycling the water used to wash garbage trucks.

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 1200 GPM (5,000 l/min), necessary in washing military tanks, is achieved by the use of four parallel InterClean modules.

The module is pre-wired, pre-plumbed and mounted on a skid. The overall dimensions of the unit are such that it can be shipped in standard road trailers, or in high cube 40 feet ocean freight containers.

The system has its own electrical panel, which includes a slave PLC that controls all system internal functions, such as liquid level monitoring and adjustments. The system allows modem hook-up for remote control and trouble shooting.

Basic 2-Brush Version

Washbay length: vehicle + 217 in/5500 mm (safety distances 2 x 20 in/500 mm included). Min. washbay width 213 in/5400 mm.

Supply Voltages: 3 phase, 60 Hz, 460 V/575 V	A = Wash height in/mm	166/4200	177/4500	189/4800	201/5100
Rated Powers: 12 Hp, FLA 23 Amps	B = Frame height in/mm	193/4900	205/5200	217/5500	229/5800
Water Supply: 1" line 50 psi, 40 GPM (150 l/min)	C = Total height in/mm	193/4900	205/5200	217/5500	229/5800
Compressed Air Requirements: 3/8" line, 87-116 psi	Washbay min. height in/mm	197/5000	209/5300	221/5600	233/5900

Spinner Version Without Brushes with 60 Hp & 300 psi, High Pressure Pump

Dimensions and voltages are same as in the Basic 2-Brush version.

Rated Powers: 64 Hp, FLA 83 Amps
 Water Supply: 2" line 50 psi, 132 GPM (500 l/min)
 Compressed Air Requirements: 3/8" line, 87-116 psi

2-Brush Version with 25 Hp & 290 psi, High Pressure Pump with V-Spray High Pressure Arch

Washbay length: vehicle + 217 in/5500 mm (safety distances 2 x 20 in/500 mm included). Min. washbay width 213 in/5400 mm.

Supply Voltages: 3 phase, 60 Hz, 460 V/575 V	A = Wash height in/mm	166/4200	177/4500	189/4800	201/5100
Rated Powers: 36 Hp, FLA 54 Amps	B = Frame height in/mm	193/4900	205/5200	217/5500	229/5800
Water Supply: 1" line 50 psi, 40 GPM (150 l/min)	C = Total height in/mm	193/4900	205/5200	217/5500	229/5800
Compressed Air Requirements: 3/8" line, 87-116 psi	Washbay min. height in/mm	197/5000	209/5300	221/5600	233/5900

Basic 3-Brush Version

Without top splash shield total and washbay heights are reduced by 2,8 in/70 mm. Washbay length: vehicle + 244 in/6200 mm (safety distances 2 x 20 in/500 mm included). Min. washbay width 213 in/5400 mm.

Supply Voltages: 3 phase, 60 Hz, 460 V/575 V	A = Wash height in/mm	166/4200	177/4500	189/4800	201/5100
Rated Powers: 14 Hp, FLA 23 Amps	B = Frame height in/mm	205/5200	217/5500	229/5800	240/6100
Water Supply: 1" line 50 psi, 40 GPM (150 l/min)	C = Total height in/mm	213/5400	225/5700	237/6000	248/6100
Compressed Air Requirements: 3/8" line, 87-116 psi	Washbay min. height in/mm	217/5500	229/5800	240/6100	252/6400

3-Brush Version with 60 Hp & 300 psi, High Pressure Pump with Spinner Arch

Without top splash shield total and washbay heights are reduced by 2,8 in/70 mm. Washbay length: vehicle + 283 in/7200 mm (safety distances 2 x 20 in/500 mm included). Min. washbay width 213 in/5400 mm.

Supply Voltages: 3 phase, 60 Hz, 460 V/575 V	A = Wash height in/mm	166/4200	177/4500	189/4800	201/5100
Rated Powers: 74 Hp, FLA 100 Amps	B = Frame height in/mm	205/5200	217/5500	229/5800	240/6100
Water Supply: 2" line 50 psi, 132 GPM (500 l/min)	C = Total height in/mm	213/5400	225/5700	237/6000	248/6100
Compressed Air Requirements: 3/8" line, 87-116 psi	Washbay min. height in/mm	217/5500	229/5800	240/6100	252/6400

3-Brush Version with EQ Unit & 75 Hp & 320 psi, High Pressure Pump with Spinner Arch

Without top splash shield total and washbay heights are reduced by 2,8 in/70 mm. Washbay length: vehicle + 283 in/7200 mm (safety distances 2 x 20 in/500 mm included). Min. washbay width 213 in/5400 mm.

Supply Voltages: 3 phase, 60 Hz, 460 V/575 V	A = Wash height in/mm	166/4200	177/4500	189/4800	201/5100
Rated Powers: 99 Hp, FLA 130 Amps	B = Frame height in/mm	205/5200	217/5500	229/5800	240/6100
Water Supply: 2" line 50 psi, 132 GPM (500 l/min)	C = Total height in/mm	213/5400	225/5700	237/6000	248/6100
Compressed Air Requirements: 3/8" line, 87-116 psi	Washbay min. height in/mm	217/5500	229/5800	240/6100	252/6400



Established in 1984, InterClean Equipment, Inc. is an engineering, innovation, and technology pioneer in the field of large vehicle cleaning applications. InterClean builds wash systems for vehicles ranging from standard automobiles up to 440-ton mining haul trucks. We have the knowledge and experience to handle the toughest applications in the most demanding environments.

InterClean is first and foremost an engineering company. We strive to understand the intricacies of each application in order to design the best wash solution. By taking the time to fully understand our customer's specific needs, we can create the best cleaning solution possible. Although most cleaning applications may appear similar, we at InterClean take the necessary steps to ensure the best solution is provided to the customer.

AutoCAD 3D solid modeling is used to construct all of our engineering, fabrication and facility layout drawings. Custom designed equipment packages can be placed into architectural drawings in either 2D or 3D views.

InterClean owns numerous patents on high pressure washing, water recycling and waste water treatment technologies. The worldwide recognized Centri*Spinner® patents and trademarks are both owned by InterClean.

If you want to know more about InterClean Equipment, Inc., please do not hesitate to contact us.

CLEAN BY NATURE



WORLDWIDE



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