

ULTRA GANTRY Automatic Wash System

Tractor-Trailer Fleets

Transit Bus Fleets

School Bus Fleets

Municipal Public Works Fleets

Retail Truck Washes



Customizable

Configurable for a variety of wash applications and needs.
Modular design allows for a wide array of touchless, friction or combination models.

Reliable and Sustainable

Quality components and precision in-house engineering.
Ecology and economy focused with minimal power and water usage.

Data Driven Decisions

Machine analytics track usage costs and machine efficiency.
Remote access to data allows for real-time adjustments to maximize performance and minimize cost.



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MACHINE OPTIONS

Touchless and Friction Cleaning

V-Spray

High-Pressure, flat-head nozzle design equally distributes water along surfaces.

Spinner

Adjustable rotational-speed nozzles maximize cleaning force and coverage.

Oscillating Zero Degree

High-Pressure nozzles pivot ensuring optimal water cleaning force and coverage.

Two or Three Brush

Utilizes Total Brush Control (TBC) technology and total brush overlapping.

Tall or Short Machine Height

Galvanized or Stainless Steel

One Step or Two Step Detergent Application

Stainless Steel Splash Guards

Safety Features

RECOMMENDED MACHINE CONFIGURATIONS

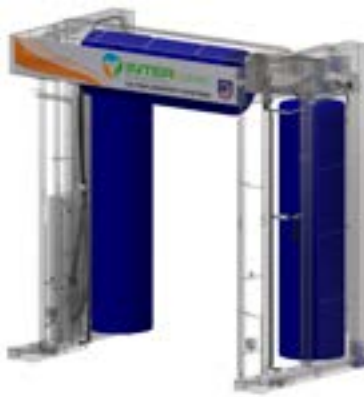
PWX Touchless Spinner – HGS16P75C1F

High-pressure water (touchless) wash method for heavy dirt and mud removal. Great for surface cleaning of any shaped vehicle or equipment. Ideal for municipal public works garages and other mixed fleets.



Fleet & Bus 3-Brush Hybrid – HG3BV2P75C1F

High-pressure water and brush (hybrid) wash method for complete cleaning of standard trucks and buses. Ideal for fleets with standard vehicle shapes, such as transit buses or tractor-trailers.



Retail & Flex Hybrid – HG2BS16V2P75C1R

High-pressure water and brush combination (hybrid) with choice of brush, touchless, or hybrid wash options. Ideal for “for-profit” truck washes and other mixed fleets with demanding cleaning standards.



SYSTEM EXTRAS

Chassis Wash

Frees the underchassis from debris, salt, and other corrosive agents.



Blowers

Prevent residue and streaking, help maximize recycled water usage preventing water runoff.



Water Recycling and Treatment

Regularly recycles 80% or more of the water used. Disinfectant and/or pH neutralization can be added, if required by code.



Not Pictured:

Remote Connectivity
Data Collection and Analysis
Additional Wash Recipes
Tire Guides

Spot Free Rinse

As a final rinse, reverse osmosis (RO) technology removes all solids from water, prevents spotting on surfaces and glass.



Traffic Light

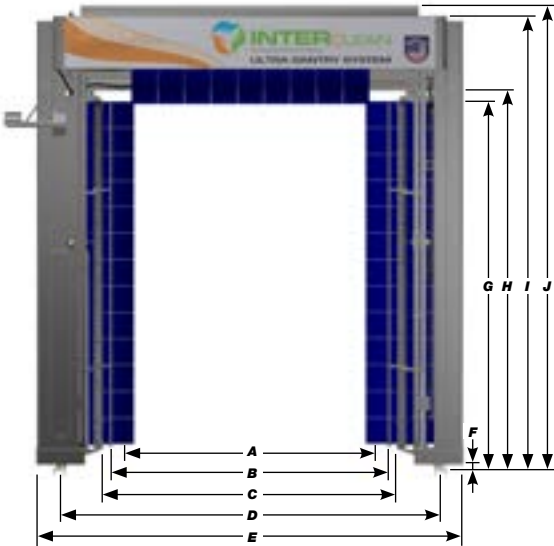
Water Tank

Water Heater

Water Softener

Photo Eye or Loop Detector Activation

DIMENSIONS



	Clearance for WashBay Install	212" (Short) 240" (Tall)	Stand-up clearance required
A	Max Brush Wash Width	116"	Includes 6" of brush crush
B	Drive Through Clearance	128"	
C	Safety Bar Clearance	130"	
D	Track Width	173"	
E	Max Machine Width	194"	
F	Floor Clearance	2.75"	Bottom of Gantry to bottom of rail
G	Max Brush Wash Height	135" (Short) 167" (Tall)	Top of side brush to floor
H	Drive Through Clearance	139" (Short) 171" (Tall)	Assembled machine w/o splashguard
I	Machine Height	174" (Short) 206" (Tall)	Assembled machine w/o splashguard
J	WashBay Operating Height	176" (Short) 212" (Tall)	Assembled machine w/ splashguard

SITE REQUIREMENTS

Utility Requirements	
Incoming Water	
Pressure	30–80 psi
Pipe Size ¹	Typically 2" or larger
Electrical	
PWX Touchless Spinner w/75hp Pump	118A
Fleet & Bus 3-Brush Hybrid w/3hp Booster Pump	39 A
Retail & Flex Hybrid w/2-25hp Pumps	95 A
Pneumatic (Compressor supplied by InterClean)	
Fresh Water	2.6 CFM @ 90 psi
Reclaim Water	7.3 CFM @ 90 psi
Natural Gas (when water heater is selected)	
	199 kBtu/hr

Dimensions	
WashBay	
Min WashBay Length	Vehicle + 24'
Max Gantry Travel Length ¹	110'
Min WashBay Width	20'
Min WashBay Height ²	17' 4"
Max Distance of Machine ³ (from WashBay Wall)	48"
Equipment Room	
Friction w/Fresh Water	130–140ft ²
Friction /Recycle Water ⁴	270–280ft ²
Oscillating HP w/Fresh Water	230–240ft ²
Oscillating HP w/Recycle Water ⁴	370–380 ft ²
Opt. Water Heater w/Softener	+70ft ²
Opt. Spot Free Rinse	+60ft ²
Fresh Water w/o 925gal Tank	3'-4' (dia)
Fresh Water w/ 925gal Tank	4' 8" (dia)
Recycle Water	6' w X 9' h

Pit Requirements	
(only needed for water recycling option)	
Length	30'
Width	5'
Depth	8' (6'-6" water level)
Water Volume	7,300 gal (975 ft ³)
Concrete Volume	288 ft ³ (assuming 6" walls)

¹ Longer travel length possible - Consult with InterClean.

² Height needed may vary based on model chosen - Consult with InterClean.

³ Further distance from wall possible - Consult with InterClean.

⁴ Plus pit - Consult with InterClean.



WHO IS INTERCLEAN?

Established in 1984, InterClean Equipment LLC is a leader in the design, build, and installation of automated heavy-duty vehicle wash equipment. We are an engineering, innovation, and technology pioneer that builds, installs, and services wash systems for vehicles ranging from standard trucks and buses 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 the leader in wash system product design with over 800 hundred systems installed over 30+ years. Each system is catered to the customer's specific application needs. Our substantial R&D allows us to offer the best technology to our customers.

We believe in supporting systems for the duration of their useful life. To do so we invest heavily in the training and development of our technicians and distributor network. This investment provides our customers with a local, highly-proficient support network that delivers industry-leading uptime of wash equipment.



Wash systems must be well-engineered to properly clean vehicles and also integrate properly with the supporting infrastructure. Our technical sales team works with our in-house mechanical, electrical, and controls engineers in order to provide customers' with a true consultative design approach. Once the design is finalized, fabrication, build, and testing occurs at our 45,000 ft² facility. We then dispatch technicians to complete installation and start-up. Our vertically integrated approach allows us to maintain control of all details and provide customers' with the absolute best design, build, and commissioning services.



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