



IQ MAX

TOUCH-FREE LARGE VEHICLE WASH SYSTEM

Precision Technology for Big Results



“Washing used
to take hours.
Now, it’s less
than 15 minutes.

– IQ MAX Customer Big Wave Truck Wash

Precision Washing Built for Large Vehicles

Meet IQ MAX

In the trucking industry, maintaining a clean fleet has never been more critical. Yet, traditional solutions often fall short. Commercial truck washes are costly and time-consuming, mobile services can be unreliable, and manual washing is labor-intensive and inconsistent.

IQ MAX changes everything.

This fully automated, touch-free large vehicle wash system delivers consistent, high-quality results every time. With IQ MAX, you can reduce labor dependency, minimize the risk of vehicle damage, and eliminate the inefficiencies of manual washing, brushed systems, and outdated touch-free technology — all in one incredible system.

10-15

MIN WASH

96

THRU PUT PER DAY

24

HOUR OPERATION

50+

YEARS EXPERIENCE

Meet IQ MAX

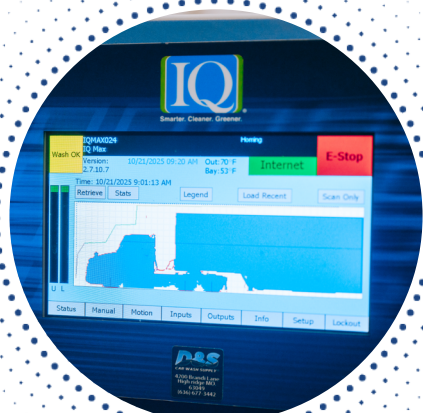
Big Wash. Big Results.

How Does IQ MAX work?

Light grids measure the vehicle's height and length before washing begins. Every mirror, ladder, stack, and lift gate is precisely located.



Nozzles adjust in real-time, following input from the 3D scan. High pressure where needed, precision everywhere.



Customized wash ensures complete coverage. If any area needs attention, the system handles it automatically.



Performance Features



Precision Vehicle Profiling

Every vehicle is scanned and profiled to create a custom wash path, reducing missed areas and wasted resources.



Wash Consistency

High-pressure, touch-free cleaning delivers repeatable results regardless of vehicle type, size, or configuration.



Operational Efficiency

Shorter wash cycles, higher throughput, and reduced labor requirements improve overall productivity.



Vehicle Protection

Non-contact operation and intelligent scanning minimize the risk of vehicle damage and long-term wear.



Resource Efficiency

Optimized use of water, chemicals, and energy lowers operating costs and environmental impact.



Monitoring and Control

Remote access, diagnostics, and programmable wash menus provide visibility and control over wash operations.



If it has wheels,
we can **wash it.**



IQ MAX for Fleet

Keep vehicles clean, compliant, and service-ready — without added downtime, labor strain, or unpredictable costs. IQ MAX empowers businesses to bring large vehicle washing in-house with greater control and consistency.

With IQ MAX, owners and operators eliminate off-site delays, inconsistent results, and reliance on labor or third party vendors — all while reducing damage risk and gaining better visibility into wash operations.

Why It Works:

<p>Minimize Downtime</p> <p>15-minute washes mean trucks get back on the road fast. No more waiting in line.</p>	<p>24/7 Availability</p> <p>Wash on your schedule. Midnight shift change? Early Sunday morning? Always ready.</p>	<p>No Labor Headaches</p> <p>One operator runs the system. No wash crews to hire, train, or manage.</p>
<p>Protect Your Investment</p> <p>Touch-free washing reduces vehicle wear. Extends appearance life and resale value.</p>	<p>Enhanced Brand Image</p> <p>Clean vehicles on the road reflect your professionalism. Every truck is a moving billboard.</p>	<p>Stay Off the Radar</p> <p>Commercial penalties are steep. Clean, well-maintained trucks don't attract DOT or Highway Patrol attention.</p>

Benefits of IQ MAX

Operational Efficiency

- On-site washing eliminates travel and wait times
- Predictable wash cycles reduce scheduling disruption
- Vehicles return to service faster

Cost Control

- Lower and more predictable cost per wash
- Reduced labor requirements
- Elimination of third-party wash contracts

Consistency and Compliance

- Standardized wash quality across the fleet
- Supports brand image and regulatory requirements
- Reduced variability from manual processes

Vehicle Protection

- Touch-free operation protects vehicle surfaces and accessories
- Precision scanning avoids mirrors, ladders, stacks, and add-ons
- Reduced long-term maintenance and repair costs



Minimize Downtime. Maximize Profits.

IQ MAX for Retail

» A Smarter Operating Model for Retail & Commercial Large Vehicle Wash Investors

Large vehicle wash is under-served, and outdated solutions are holding operations back.

Manual washing slows growth. Brush systems add risk and maintenance. Generic touch-free options lack the precision fleets need to function effectively.

Luckily, IQ MAX redefines what's possible with a smarter, more efficient approach.



IQ MAX opens the door for investors looking to profit in a high-value, low-competition market. Generate up to 3x more revenue per wash, secure consistent income through fleet contracts, and maximize output with up to 4 washes per hour per bay — delivering significantly greater throughput than manual methods.

The Perfect Profitability Partner

Cashless Entry Station

Turn your unattended bay into a seamless, reliable revenue driver with the WashCard Cashless Payment Station.

Flexible Fleet Management

- Supports WashPass RFID technology and UWashApp
- Operable from inside the vehicle via quick scan QR code
- Increases operational efficiency and eases fleet management
 - ✓ Automated invoicing and payments
 - ✓ Loyalty programs and promotions

Secure, Durable, and Built for Any Environment

- Cashless design improves security and reduces maintenance
- Powder-coated stainless steel with secure locking mechanisms
- Internal heating and cooling system for reliability in all conditions

Customizable Display & Installation Options

- 18.5" touchscreen with customizable graphics
- Wall mount or adjustable pedestal installation options
- Built for IQ MAX compatibility with up to 15 wash level outputs



The IQ MAX Difference

Only washes what it sees.

The IQ MAX delivers unmatched precision, safety, and adaptability through touch-free technology and advanced 3D-scan profiling, outperforming other washes in every category that matters.



IQ MAX vs. Manual Wash

- ✔ Washes large vehicles in 15 Minutes
- ✘ Takes 45–60+ minutes per vehicle
- ✔ Delivers high-quality clean every time
- ✘ Varies by operator skill & effort
- ✔ 1 attendant for troubleshooting on standby
- ✘ 2–4 people required for full wash



IQ MAX vs. Friction Automatic

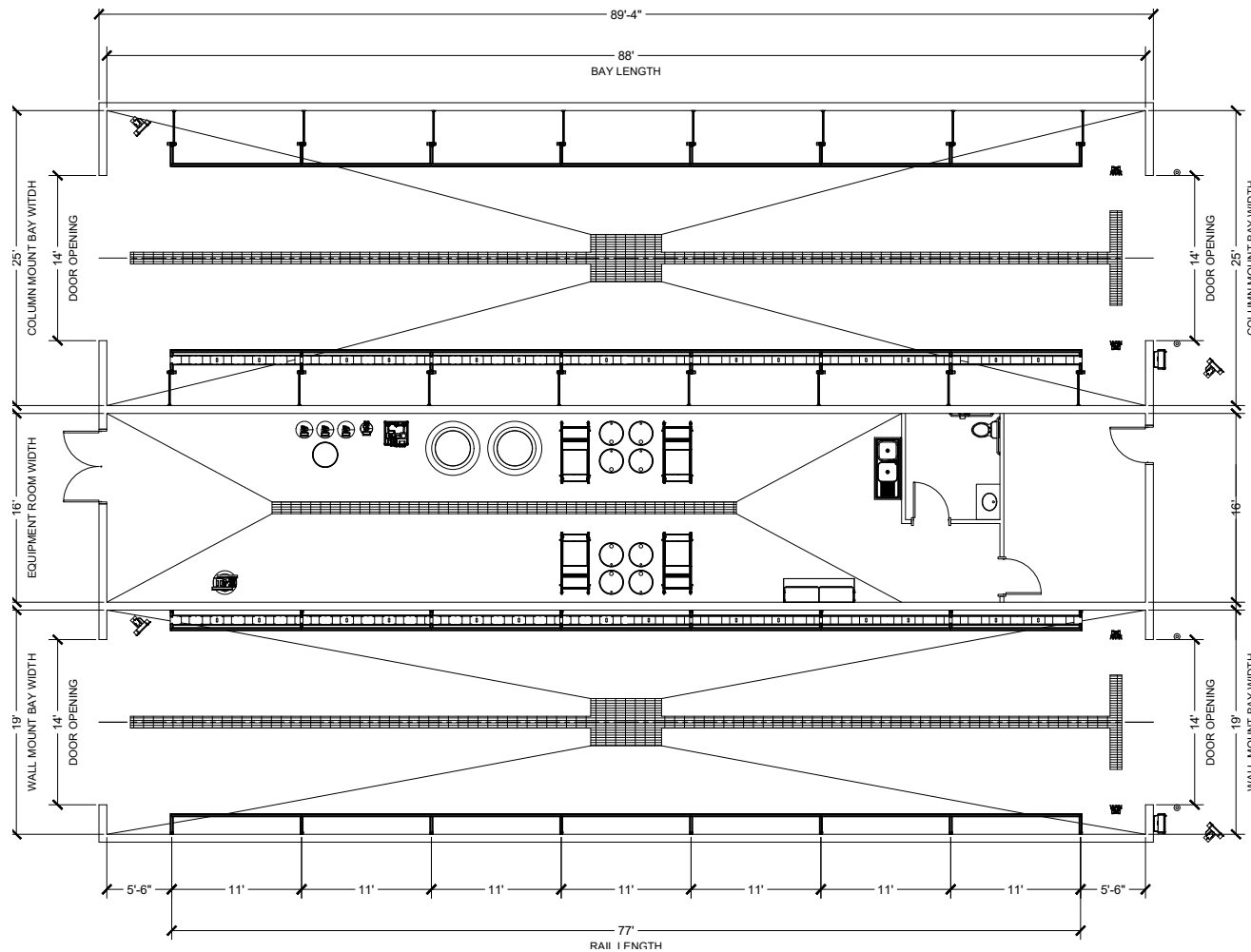
- ✔ Washes any vehicle profile, at any size
- ✘ Limited scope of washing capability
- ✔ Customized, consistent clean — every time
- ✘ Inconsistent wash experience
- ✔ No physical contact, eliminating risk
- ✘ Can damage vehicle exteriors and accessories

IQ MAX vs. Typical Touch-Free Large Vehicle Wash

	IQ MAX	Other Equipment
Precision Vehicle Profiling	Advanced 3D scanning technology customizes every wash based on exact vehicle dimensions, reducing missed spots and wasted resources.	Basic arch movements or limited profiling, often leading to uneven cleaning and overuse of chemicals.
Wash Quality Consistency	Nozzle adjustments and variable spray patterns ensure even, high-pressure cleaning on every wash — no brushes, no contact, no shortcuts.	Fixed spray patterns may miss hard-to-reach areas or struggle with vehicles of varying shapes and sizes.
Scalable & Versatile Design	Engineered for a wide range of large vehicles and designed to integrate easily into existing bays—from cars to tractor trailers.	Often limited to specific fleet types or require costly structural modifications.

Designed for Your Site

The diagram below shows a sample layout. Your D&S representative will work with you to optimize the layout for your specific site requirements, including equipment room, office space, and utilities.



Building & Vehicle Clearances

Specification	Minimum	Recommended	Maximum
Bay Height	17 feet	18 feet	—
Bay Width	19 feet	19 feet	20 feet (wall bracket mounting)
Column Layout	20 feet	—	25 feet

For bays wider than 25', a custom support structure must be built by the site contractor to support IQ MAX columns.

Vehicle Type	Max Vehicle Length	Building Length	Rail Length
Sprinter Vans	Up to 25'	40' building	33' rails
RV & 5th Wheel Trailers	Up to 47'	65' building	55' rails
Tractor Trailers	Up to 80'	100' building	88' rails
Extended Trailers	Up to 91'	110' building	99' rails

3 ft clearance required on exit side for energy chain

Equipment Specifications

Vehicle Requirements

Specification	Value
Optimal operating height	13'6"
Maximum vehicle height	14'0"
Maximum vehicle width	10'0"

Vehicles up to 14' will wash successfully, though the top wand will operate slightly outside the optimal design range.

Mirror-to-mirror width may vary by vehicle. IQ MAX is designed to accommodate street-legal vehicles, including common mirror configurations. Mirror assemblies and safety devices may extend beyond the vehicle body width.

Carriage Specifications

Specification	Value
Total width (with energy chain)	17'
Mounted height from floor	15'6"
Weight	800 lbs
Mounting height	85"

Pump Stands

Component	Dimensions
Main Pump Stand	30"W x 56"D x 57"H
Secondary Pump Stand	30"W x 56"D x 57"H

Electrical Requirements

Component	Specification
Carriage*	208-230V/60Hz/3ph, 20A
HP Pump Stand #1**	150A standard 80A option with 460/480V
HP Pump Stand #2**	150A standard 80A option with 460/480V

* Carriage cannot be modified to accept alternative power sources.

** Both require 120VAC control power

Water Requirements

Specification	Value
Main trunk line	Min. 2" from water softener
Bay capacity	Up to 2 bays
Min. flow pressure	30-50 PSI
Per pump stand	1" ball valve

Air Requirements

Specification	Value
Flow rate	5 CFM @90 PSI
Air quality	Filtered and dry
Used for	Chemical aeration, Blowdown, Valve switching

Compressor amperage must be sized based on the compressor selected.

For installations with more than 2 bays, additional evaluation of incoming water pressure and flow is required. Larger incoming services (ex: 4" line) may support multiple IQ MAX systems depending on city supply conditions.

Water Connections

- Hot Soft Water: 3/4" line from water heater
- Spot-Free Water: 1 1/2" line from RO storage tank
- RO Reject / Reclaim: 1 1/2" line from storage tank





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