

# IN BAY AUTOMATICS





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# Smarter, Cleaner, Greener

## A REVENUE GENERATING POWERHOUSE

From its introduction in 2011, the IQ System has been a revenue generating powerhouse for car wash owners from coast to coast. You too can reap the financial rewards of selecting the premier equipment system for your In Bay Automatic bays.

Starting with its revolutionary 3-D vehicle scanning technology, high efficiency electronics and remote enabled management, the IQ is truly Smarter, Cleaner, Greener... and your surest path to rapid success.

As you explore this brochure, you'll discover the immediate advantages of installing an IQ Soft Touch or Touch Free model at your wash. Among these are unparalleled cleaning precision, cost-saving efficiency and operating ease.

Congratulations on taking this key step up to the elite caliber of an IQ-equipped car wash.



# IQ Delivers Customer Satisfaction



## ATTRACT MORE CUSTOMERS

- Customer-friendly open bay for easy vehicle positioning
- Full coverage of any standard size vehicle and shape expands the customer base
- Average wash under 6 minutes is time-saving advantage

## INCREASE THEIR POTENTIAL

- Consistent high-quality washes build loyalty and repeat sales
- Up to eleven high-demand wash menu options to offer revenue-boosting wash upgrades
- Optimal throughput reduces back-ups, wait times and drop-offs

## RETAIN THEIR TRUST

- System reliability and technology ensure maximum uptime
- Precision scans virtually eliminate costly vehicle damage
- Highly reliable operation generates positive customer reviews and referrals

# IQ Drives Investment Success

## LOW CAPITAL COST

- Modest initial investment required for Base Level Package
- Minimum building specs and ease of installation allow for economical start-up expense
- Financing assistance may be available through manufacturer

## HIGH PROFIT POTENTIAL

- Premium Wash Options raise average revenue per wash
- System engineered for efficient, low-cost-per wash operation
- Remote management and monitoring minimize labor expense and maximize uptime

## LONG-TERM VALUE

- System capacity allows for expansive volume growth
- Proven durability, reliability and ease of service contribute to exceptional ROI
- More economical to operate over life of equipment compared to other IBA systems



A close-up photograph of the brushes used in the IQ Soft Touch car wash. The brushes are made of soft, closed-cell foam and are colored in a calming bi-color scheme of deep blue and aqua green. They are arranged in a way that shows their texture and how they would sweep across a surface.

## **IQ Soft Touch**

### **GENTLY CLEANS LIKE A DREAM**

The IQ Soft Touch offers your customers an ultra-quiet, silky smooth car wash experience.

It's soft, closed-cell foam brushes gently clean the vehicle including those hard-to-reach areas at the rear.

Hundreds of durable, feather-like fingers in calming bi-color deep blue and aqua swish and sway the Tri Color cleaner to bathe every vehicle in a lather of sudsy foam.



### **POWERFUL & PRECISE**

Power and precision combine to clean every nook and cranny of any vehicle. High pressure Cat 3535 pumps drive pulsating jets of water and chemicals to blast away dirt, dust, bugs and salt.

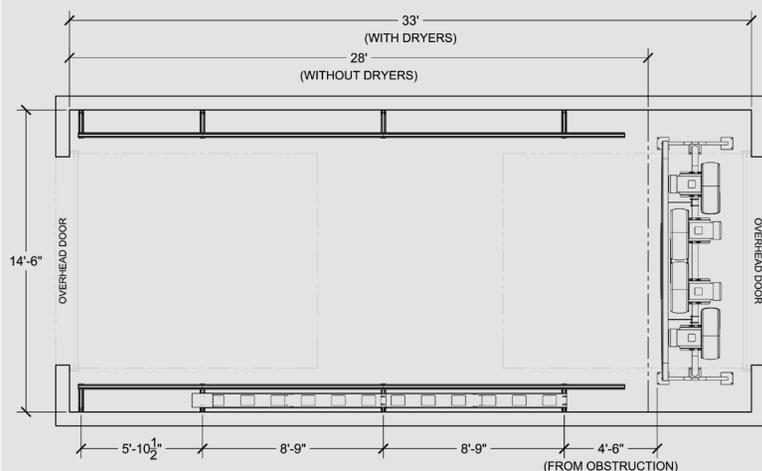
The IQ Touch Free uses scanning technology to perfectly position its Top Wand with turbo-boosted nozzles, rotating side wand nozzles and onboard wheel cannons.

# Space Requirements

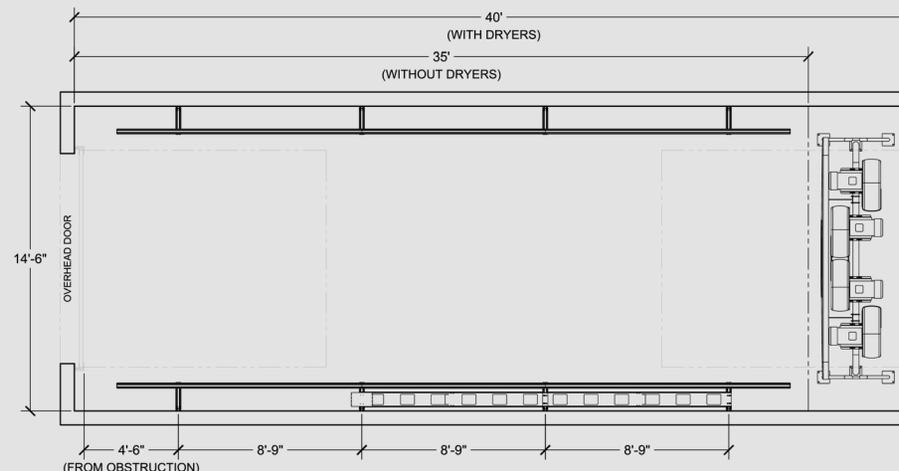
Dimensional specifications are key to determining equipment space and the potential impact on building and land costs. The IQ System is ingeniously engineered for compatibility across a wide range of bay sizes including ones too small for virtually all other In Bay Automatics. And, the IQ Pump System's frugal footprint and mobility accommodate pumphroom space.

Below are example bay diagrams that meet the dimensional requirements of each IQ model. Measurements are representative; variations are determined by factors such as equipment configuration, positioning and structural constraints.

## TOUCH FREE



## SOFT TOUCH



# Performance Details

## 3D VEHICLE SCANNING



IQ's proprietary vehicle profiling generates a highly accurate scan of each vehicle using Ultrasonic Sensors, Light Grids and the IQ Command Module™.

This scan provides precise operating instructions throughout the system to give every customer a truly customized wash.

## SPACE SAVING PUMPSTAND



Sturdy and compact, IQ pump stands minimize equipment room space by integrating injector based chemical delivery systems and water-efficient applications in a single, easy-to-access unit.

## REMOTE SYSTEM CONTROL



Enjoy complete control and flexibility over your equipment and wash operation in real time from anywhere in the world.

The remote system self-monitors all aspects of the car wash. Programming of wash recipes is simple and stored in the system's memory, allowing you to easily retrieve recipes to adjust for seasonal washing conditions.

## HIGH POWERED CLEANING



From a combination of high- and low-pressure applications, wheel cannons, bug off and turbo boosted nozzles, every IQ packs a punch while conserving water, energy and chemicals.



### ENERGY SAVING DESIGN

The IQ's lighter weight reduces power consumption and its low-amp electric driven motors with VFD controls optimize input power to conserve energy. 3-D vehicle scans eliminate over application of chemicals.

The IQ is also compatible with water reclaim systems to limit wastewater and gray water disposal.



### SAFE, SIMPLE POSITIONING

The IQ vehicle positioning system means cars easily align in the bay with no allows cars to hardware on the floor, giving the bay a clean "open" look, and without the risk of damage associated with guide rails.



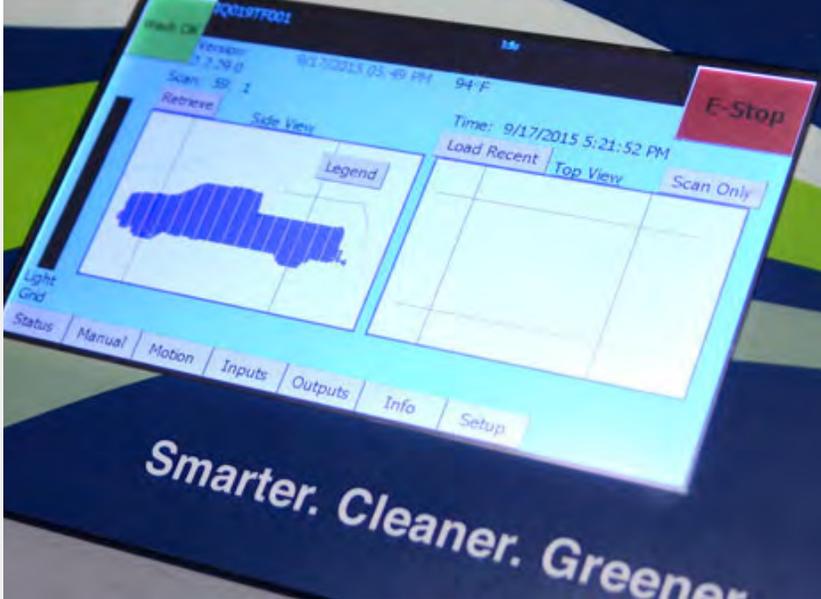
### EXPANSIVE WASH MENU

IQ Systems offer amazing flexibility for selecting and programing your wash menu offering with popular base level cycles and high demand, high profit premium wash menu upgrade selections.



### EASE OF MAINTENANCE

The IQ 2.0's intuitive, self-diagnostic software continuously monitors components and wash conditions for preventative adjustments. It may also be programmed for triggered alerts which can be manually adjusted remotely from the system interface.



## 3D Scanning

**PRECISION PROFILES EVERY VEHICLE  
CUSTOMIZES WASH FOR EVERY CUSTOMER**

How does the IQ System deliver flawless washes no matter what size or shape of vehicle? First by performing a precise 3 dimensional scan of each vehicle using Ultrasonic Sensors, Light Grids and the IQ Command Module.

Next, the scan directs the execution of each wash cycle with incredibly specific variations in the position and movement of brushes, wands, and nozzles resulting in a truly custom wash.

Plus, IQ's profiling accuracy includes intricate vehicle details of add-ons such as luggage racks, spoilers, and extended side mirrors which prevents costly damage common with other car wash systems.

Finally, IQ's custom scan optimizes the wash of every vehicle, eliminating excess consumption of water, power and chemicals.

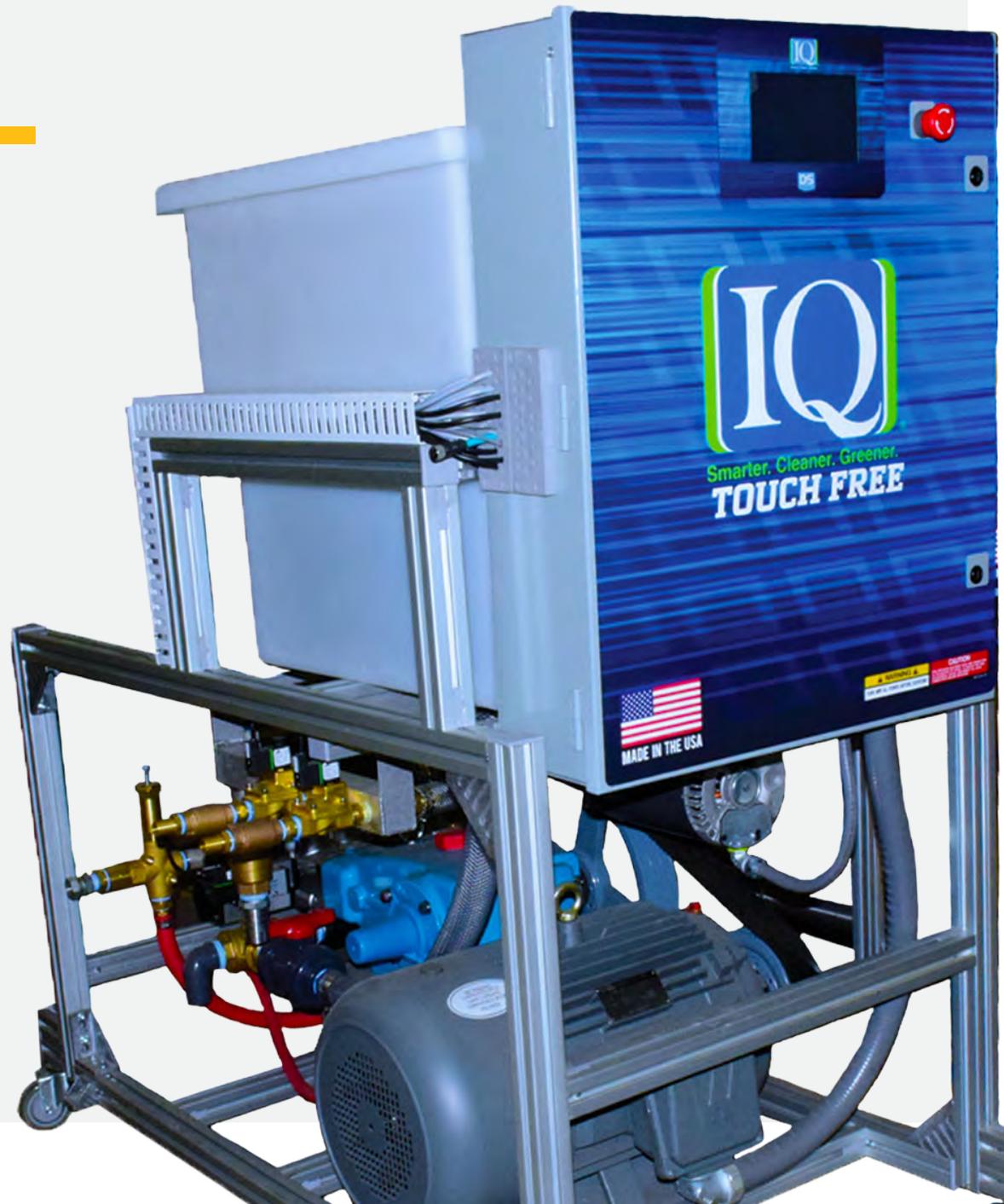


\* Image above is graphic illustration of IQ vehicle scanning step. Actual beams are infrared.

# Pump System

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- Ultra-Compact Dimensions
- Completely Integrated Design
- Highly Stable Frame
- Injector-Based Delivery System
- Touch Screen Interface
- Durable Pumps & Motors
- Spot Free Rinse Compatible
- Heavy Duty Casters for Ease Of Mobility During Installation



# Options and Upgrades

The IQ 2.0 System is highly flexible in terms of revenue-generating options and upgrades to supplement its base level package.

Genius Packages include all the standard features plus Tri-Color Foam Wax Application, Quick Rain Protectant, On-board Bug-Off Applicator, Off-board Undercarriage Wash w/ bay wash down and Two additional Water Source Connections (ie: Hot & Cold Hard).

An additional upgrade to LED Foaming Wax for an in-bay light show is available. Finally, on the IQ Soft Touch, a Sideblaster add-on is a bonus for snow climate and rural agricultural regions.





**OFF-BOARD  
UNDERCARRIAGE**

Starts a Premium Level Wash with impressive water burst from the bay floor to clean what isn't seen. (Genius only)



**COMMANDER  
SERIES SIGNAGE**

Add pizzazz with bright and tastefully designed illuminated menu and directional signs. (ST/TF upgrade)



**SOFT TOUCH  
SIDE BLASTER**

Blasts stubborn snow, salt and mud from lower panels with strategically placed second spinner wands and double volume water spray. (ST upgrade)



**TRI-FOAM SYSTEM**

Lathers vehicle in glorious 3-color foaming soap application like a bubble bath... a customer favorite! (Genius only)



**ON-BOARD BUG OFF**

Integrated insect removal chemical application targets front bumper, grill and windshield to make bug season boom time. (Genius & Kit)



**INTEGRATED RO  
PRODUCER**

This option saves scarce pump room space by incorporating the components of your Reverse Osmosis System for spot free water onto the compact Chemical Pump Stand.



**FOAMING WAX &  
LED LIGHT SHOW**

Captivate your customers with colorful foaming wax and a programmable, multi-color LED Light Show that shines and protects all surfaces. (Genius Upgrade)



**CUSTOM GRAPHICS**

Promote your business by putting your brand and logo front and center with custom IQ header graphics. (No charge option)

# System Specifications



TOUCH FREE



SOFT TOUCH

BAY				WATER			
Height (Minimum)	Width (Minimum)	Length (Minimum)	Length (w/ Dryers)	Cold Soft	Hot Soft (Optional)	Spot Free	RO Reject or Reclaim (Optional)
9' 8"	14' 6" 13'4" with narrow bay option	28'	33'	3/4" from Main to Chemical Pump 3/4" from Main to High Pressure Pump	3/4" from Main to Chemical Pump	1 1/2" from Storage Tank (10 gpm) to Chemical Pump	1 1/2" from Storage Tank (16 GPM) to High Pressure Pump
9' 8"	14' 6"	35'	40'	3/4" from Main to Chemical Pump	3/4" from Main to Chemical Pump	1 1/2" from Storage Tank (10 gpm) to Chemical Pump	3/4" from Storage Tank (8 gpm) to Wheel Blast Pump

CARRIAGE		ELECTRIC/AIR				PUMPSTAND/PUMP			
Assembled Dimensions	Weight	Carriage	Chemical Pump Stand	High Pressure Pump Stand	Filtered Dry Air for Chemical Aeration	Chemical Pump Stand	35 GPM Integrated Pump Stand	Low Pressure (Chemical)	High Pressure
148" x 112"	700 lbs.	208/230V, 3ph, 20A	N/A	208/230V, 3ph, 150A	9 cfm @ 90 PSI	N/A	30"W x 55":D x 62"H	1.5 HP, 10 GPM, 200 PSI	30 HP, 10 GPM, CAT 3535-1200 PSI
148' x 112"	750 lbs.	208/230V, 3ph, 20A	208/230V, 3ph, 30A* 120V, 1ph, 10A *60A with Side Blaster Option	N/A	6 cfm @ 90 PSI	24'W x 32"D x 53"H	N/A	1.5 HP, 10 GPM, 200 PSI	5 HP, 8 GPM, CAT 310-1200 PSI

**D&S CAR WASH SUPPLY**

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