



HYDRO-SPRAY[®]

A DIVISION OF  CK CAR CARE

hydrospray.com | (816) 890-8995

CKCC-BRO-018 VER 3.2 REV 070725

EXPERIENCE THE FUTURE

The Barracuda Touchless Car Wash System emerges as the pinnacle of intelligence and efficiency, offering an unrivaled car washing experience. This machine uses LiDAR sensors, hosts seamless wireless integration to the Pump Stand, and an integrated phone app, making it one of the first to employ these groundbreaking technologies.

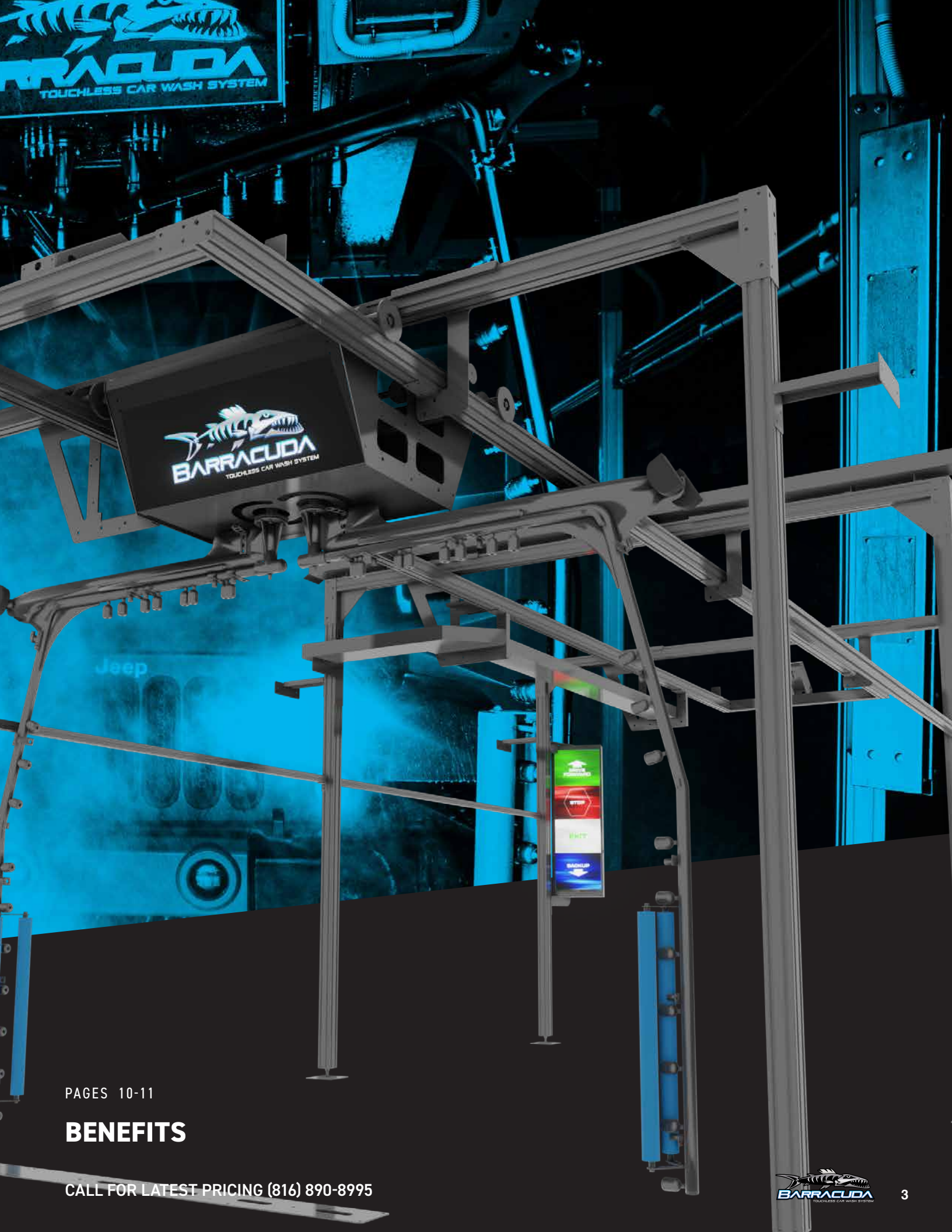


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ABOUT THE SYSTEM

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PUMP STAND, ENTRY, & DRYERS



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BENEFITS

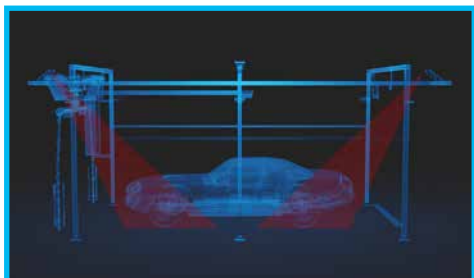
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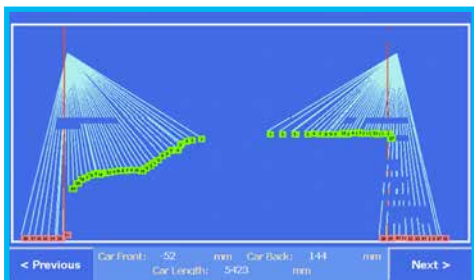
THE FULL SYSTEM

Experience a cutting-edge solution that transcends traditional car wash approaches. With user-friendly technology, car wash ownership evolves into an intuitive, streamlined experience. Monitor every facet of the wash process effortlessly, ensuring operations are smooth, water is conserved, and customers leave with their vehicles gleaming and satisfied.

LiDAR* Scanners



Actual computer readout



LED Configurable

With programmable LED configurations, you can create a unique and mesmerizing visual display that will draw in customers.

The Trolley

The stainless steel trolley cleans your car precisely and smoothly with state-of-the-art precision. The pump stand communicates seamlessly with the trolley for accurate positioning—giving a clean vehicle every wash.

32 Turbo Nozzles

Harnessing the power of 32 rotating turbo nozzles this cutting-edge technology effortlessly agitates and loosens dirt and debris, delivering a superior cleaning performance compared to traditional systems.

13 Soap Nozzles

These high-spreading soap nozzles cover more of the vehicle than traditional automatics. With its dual-arms, the Barracuda can spray soap at a faster rate, making cleaning quicker and more efficient.

VFD Undercarriage

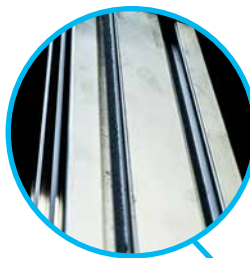
Our VFD controlled undercarriage gives an accurate under car clean with programmable pressure settings.





LiDAR Scanners

The Barracuda is the only system with LiDAR sensors which provide precise data, using short-pulse laser emissions to identify where vehicles are within the bay.



Anodized Aluminum Frame

The frame is made of anodized aluminum extrusion, which makes it durable with corrosion and chemical resistance.



Wall Mount Available

Depending upon structural design of the car wash bay, a wall-mounting option is available.



MINIMUM BAY SIZE

Height Wall Mount 10' - 2" (3.3m)
Frame Mount 10' - 6" (3.2m)

Width 12' 8" (3.86m) Minimum

Length Ask your sales representative for more info.

ELECTRICAL REQUIREMENTS

208v 80amp 3ph 60hz Without Dryer

Air 1.6 SCFM @90 psi (6.62 Bar)

Water 37 GPM (140 lpm) @ 10 psi (0.69 Bar)

Must use a rinse tank that is greater than or equal to 200 gallons.
It can wash any vehicle size up to 4 door duallys.

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MULTI-PRESSURE PUMP STAND

The Pump Stand serves as the central processing unit for the entire system. It merges the controls and diagnostic information in one place. Get all the info you need on the system's operations and adjust how they function on the 10 inch HMI (Human Interface) Screen.

Electrical & Plumbing

Installation is a breeze for both. There is less plumbing than traditional touch-free washes which saves time and money on install services.

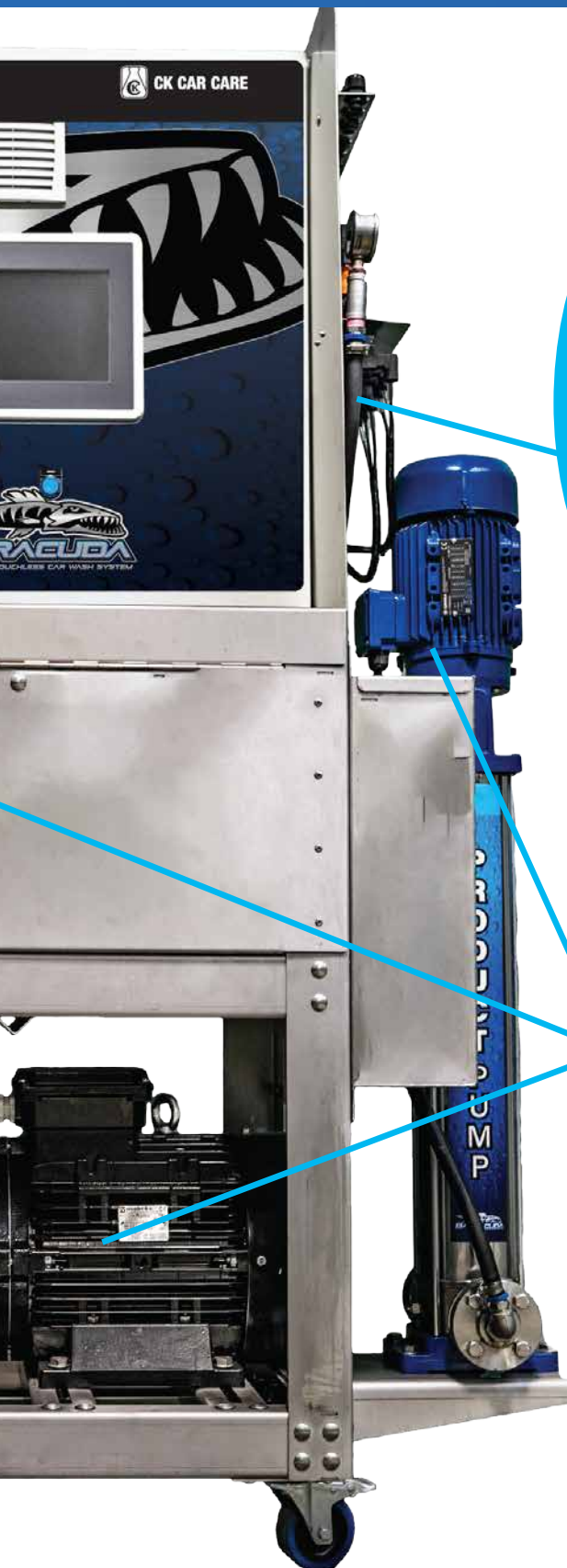
HMI Screen

With the 10 inch screen, you can easily navigate through all settings and fault diagnostics. The phone app and HMI communicate with each other seamlessly, sharing information in real-time.

Durable With Great Mobility

The stainless steel frame of the Pump Station ensures its durability and resistance to chemicals. With the help of the sturdy wheels, you can easily roll it off the trailer and onto any surface.





High Pressure, Spot-Free and Product Pumps

All 3 of the Pump Stand's pumps are direct drive and VFD-operated. Making it the safest option without putting tension on any belts.

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FOAMING RAIN APPLICATION

The Barracuda features an advanced foaming rain applicator, ensuring an even and effective distribution of cleaning agents without direct contact with the vehicle's surface.

Direct-Inject Chemical Delivery

- | | |
|-----------------------------|-----------------------------|
| 1. BUG PASS | 7. HOT WAX |
| 2. LOW pH | 8. TVP |
| 3. HIGH pH | 9. HIGH PRESSURE CLEAR COAT |
| 4. RINSE | PROTECTANT/DRYING AID |
| 5. TRI FOAM WAX/CONDITIONER | 10. LOW PRESSURE WAX THRU |
| 6. CERAMIC | SHOWER HEAD |

Our injection system is capable of managing up to 10 chemical functions simultaneously on a fully loaded machine for a comprehensive and efficient cleaning process.

SEAMLESS INTEGRATION OPTIONS

SCUBANET 2.0

ADVANCED CHEMICAL MONITORING FOR CAR WASHES

Managing chemicals in a car wash can be a time-consuming challenge. Running out at the wrong time can halt operations, while overuse drives up costs. ScubaNet 2.0 eliminates these headaches by providing real-time chemical level monitoring, remote access, and automated reporting—all with **zero ongoing fees**. This system seamlessly integrates with the Barracuda switch for automatic online connectivity.

VOICE ATTENDANT

COMMUNICATE CLEARLY WITH YOUR CUSTOMERS

The Voice Attendant is seamlessly integrated into the Barracuda Touchless Car Wash System to improve the unattended car wash experience. The clear instructions and confirmations provided by the Voice Attendant help minimize driver errors. The Voice Attendant can have 50 Custom Messages exclusively on the Barracuda.

The speaker can be mounted in any desired location within the bay, and can be adjusted so customers can hear it clearly anywhere in the bay. We advise mounting it in a position where drivers can hear it at the lowest possible volume to avoid disturbing neighbors.

RGB LIGHT SHOW

MAKE YOUR CAR WASH AN EVENT

Turn every wash into a show with the Barracuda Touchless Carwash System's RGB Light Experience—vibrant color sequences that guide drivers through every step while dazzling them with next-level visual flair. It's not just a carwash, it's a performance.

RGB GUIDELIGHTS

LET OUR LIGHT BE YOUR GUIDE

Impress your customers with Hydro-Spray's RGB Guide Lights! These color changing LED lights will capture your customer's attention. With a reinforced structure to prevent against tire traffic, RGB Guide Lights are sure to last!



DRYERS

We customize off rail dryer systems to suit your specific drying requirements. This can help reduce weight on rail and frame components.

Pay Station

The Pay Station serves as the connection point between the customer and the system. The instructions are user-friendly and make it easy to get started. With the VPOS Touch from Nayax. The Pay Station is designed to be user-friendly to both customers and operators.

Payment

Different payment methods are available for your customers' convenience: cash, credit card, purchases with printable report. Third-party pay station integrations with a wash controller are also available.



THE BENEFITS

POWERFUL

UNLEASHING THE POWER OF 32 ROTATING TURBO NOZZLES

Harnessing the power of 32 rotating turbo nozzles this cutting-edge technology effortlessly agitates and loosens dirt and debris, delivering a superior cleaning performance compared to traditional systems. Watch as high-pressure, rotating water jets efficiently remove even the most stubborn grime, leaving vehicles sparkling clean and customers satisfied.

EFFICIENT

LESS WATER AND ENERGY WITH BETTER WASH RESULTS

Experience a car wash that not only saves on electricity but also delivers top-notch results. The system is designed for efficiency, using significantly less water than comparable machines. The innovative system allows simultaneous washing of both sides of the vehicle using 32 turbo nozzles, located on each arm of the machine. It will not only elevate your customer's experience but also reduce operational costs.

FEWER PARTS

FEWER PARTS = FEWER HEADACHES

Enjoy a hassle-free car wash operation with a system designed for minimal maintenance and fewer headaches. Boasting 20% fewer parts than its competitors, this system streamlines your maintenance processes, ensuring smooth operations and reduced downtime. Experience peace of mind as you focus on delivering exceptional service to your customers, leaving the worries of excessive (and expensive) maintenance behind.

PROTECTED INVESTMENT

ENJOY A 13-MONTH WARRANTY

Rest assured with our robust protection - we offer an extensive 13-month structural and mechanical warranty. This covers all components in the system except for wear items.

CUSTOMIZE WASH SPEED

FAST OR SLOW, IT'S YOUR CHOICE

Take full control of your car wash process with the system's customizable wash speed. Tailor each wash to your liking, whether you prefer a swift and efficient cleaning or a more gentle and thorough approach. The system empowers you to adjust individual pass speeds, granting you the freedom to cater to various vehicle types and customer preferences.

QUIETER OPERATION

A SOOTHING CAR WASH EXPERIENCE

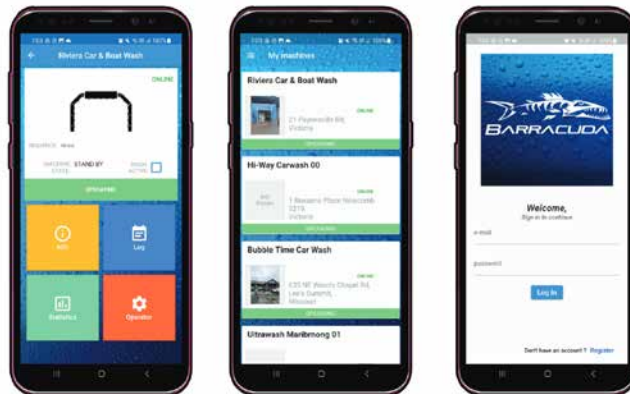
Soak in the tranquility at your car wash facility with our system's remarkably quiet operation. The system's advanced engineering ensures a soothing car wash experience for both customers and staff, creating an inviting atmosphere that sets your car wash business apart.

SMART



CONTROL AT YOUR FINGERTIPS (IOS & ANDROID APPS)

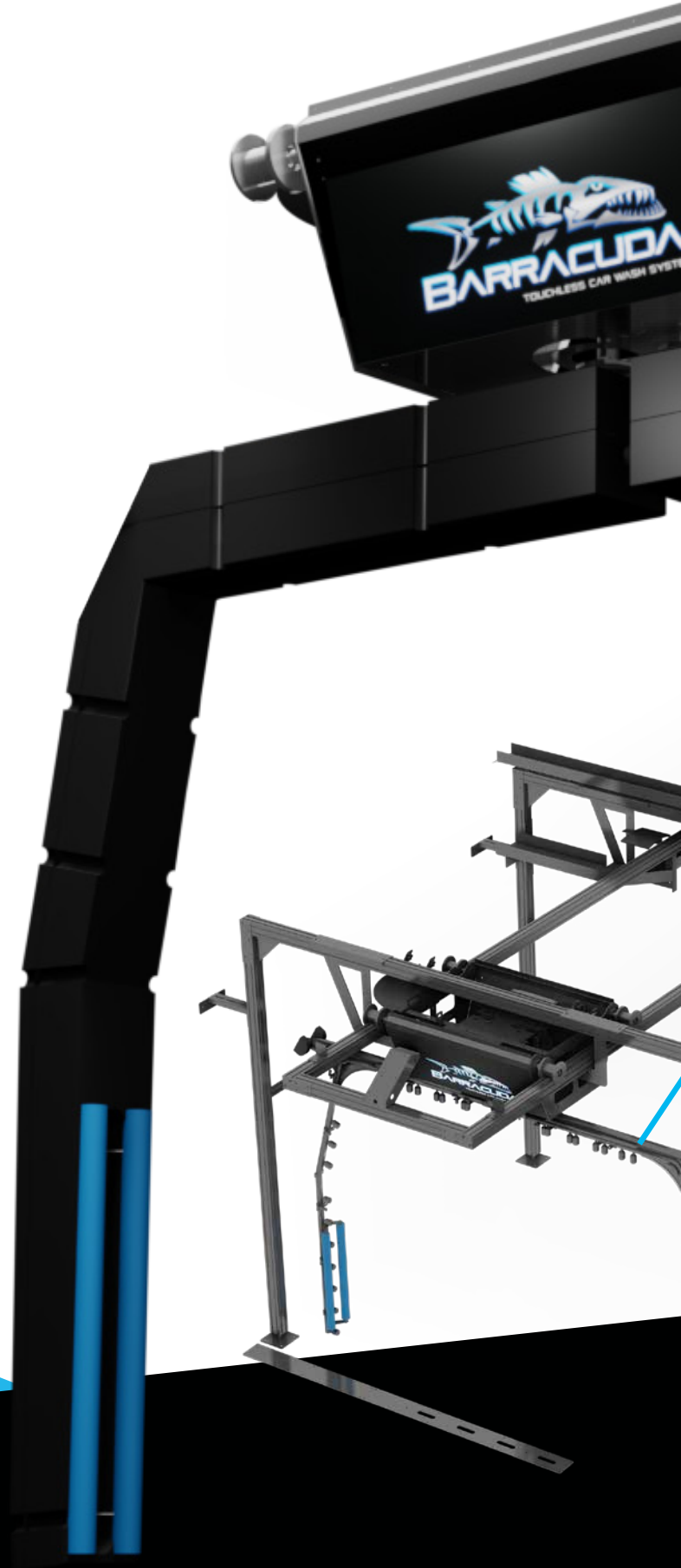
Empower your car wash business with intelligent technology using the dedicated IOS and Android apps. Seamlessly monitor and manage every aspect of your wash right from your phone or tablet. Gain valuable insights, such as wash counts, average wash time, real-time machine status, and instant notifications for any potential errors. You can even troubleshoot system operations directly from your device. With the power of a comprehensive app at your fingertips, you stay in command of your car wash operations, ensuring smooth functionality, and unparalleled customer satisfaction.

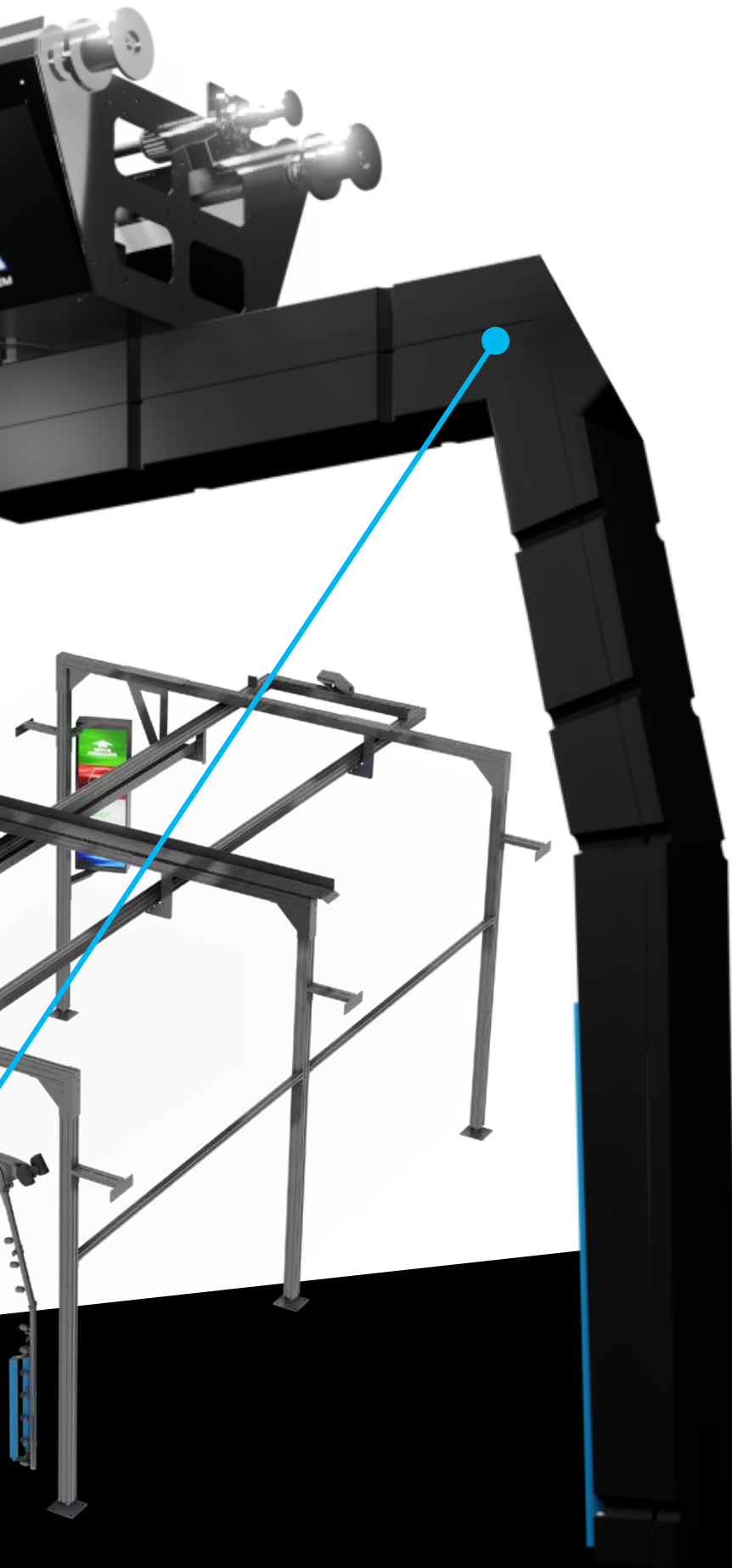


ARCH ARM COVERS

WRAPPED PROTECTION

The Barracuda Arch Arm Covers are an optional enhancement for the Barracuda Touchless Car Wash System. This sleek addition to your arch arms is designed to protect the arms from damage while adding a touch of rugged protection to the overall look. With the Arch Arm Covers, car wash owners can rest assured that their equipment is not only sufficiently protected, but also has an eye-catching design that attracts customers.







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