



N/S CORPORATION

COMPANY OVERVIEW

50 Years of Experience

Designing & Manufacturing
Vehicle Wash Systems



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N/S CORPORATION

With over 50 years of experience designing and manufacturing vehicle wash systems, **N/S Corporation** is an industry leader for large fleet wash systems. We proudly boast ISO 9001:2008 and UL certifications, providing quality and commitment to each of our customers.

G. Thomas Ennis, the founder of N/S Corporation, began building and designing car wash systems in 1961 when he realized there was a need for effective and reliable car wash systems. He decided to fill the market gap by designing a better car wash. Ennis revamped the wash system with a redesigned layout, better brushes, and eco-friendly solutions.

Growth and Innovation

Ennis' first patent—a variation of wrap around car wash brushes—was granted in 1967. Shortly after, he founded N/S Corporation, which was then known as N/S Car Wash Enterprises. The company has been growing steadily ever since.

When N/S Corporation expanded into bus, transit, and rail wash systems, a name change became necessary. These new systems were designed with the same attention to detail as the original car wash systems. With high-quality manufacturing and low operating costs, N/S Corporation strives to build long term business relationships with its customers.

Environmentally Conscious Vehicle Wash Systems

As part of Ennis' high standards, he insisted on developing environmentally conscious wash systems. Since the creation of the Eco line and implementation of reclaim systems, N/S Corporation has been a leader in environmental responsibility. This is more than just a recent trend—it is truly the next step in the vehicle wash industry. Based in California, the N/S Corporation team saw the need to implement vehicle wash systems with a small carbon footprint. N/S

Corporation believes in reliable vehicle wash systems that feature fewer manufactured parts and less maintenance, like the Mini Express wash system.

With patented innovations, including oscillating scrubbers, a motor control panel, and wrap-A-Round brushes. the Mini Express takes up less space, has no unnecessary parts, and can still wash a variety of cars and trucks.



Vehicle Wash Systems

The N/S Corporation business model relies on two main system types: Retail Auto Wash and Transit Wash Systems. These are tailored to a wide range of industries, including new car wash businesses, freight companies, or automotive dealerships with large fleets requiring regular cleaning. In fact, we recently provided Eco 5-TB fleet wash systems to several of our corporate partners, including Avis, Enterprise, and QTA airport projects, including 11 car washes at Salt Lake City Airport.

This version of the Eco is the quintessential large fleet wash system. It includes an industry ruling top brush, pneumatic-free operation, DEMA injection system, and has a 96' clearance, with a much larger clearance than its retail counterpart.



Retail Auto Wash

The foundation of N/S Corporation's Retail Auto Wash is its line of Eco Systems. These models are based around a variable brush design, offering the right amount of cleaning for a customer's anticipated volume. They allow N/S Corporation to hone in on providing the best quality service possible, whether a turn-key mini system or an ECO-10 designed to meet the highest output.

These systems offer customers the choice of a customized car wash that matches their requirements, business specifications, and regional demands. For high output car washes, we offer the hydro equipment for an environmentally friendly aspect. For consumer-oriented car washes, we offer the Bubblizer for a touch of fun. As a leader in customer support, N/S Corporation can set up a personalized, full service maintenance contract for any of these high output systems.



Bus Wash

N/S Corporation recognizes that there is a strong need for efficient bus wash systems. Our bus wash systems are based on minimizing downtime—some N/S Corporation bus wash systems can run a 3.5 minute cycle. These systems all require the same low maintenance as the standard car wash line, making them a necessity for large fleet operations.

One of our most popular systems, the 5M bus wash, is designed for maximum versatility. Utilizing results-oriented input from NYCTA, the 5M series 5000 is our flagship transit wash. These industry-leading models minimize environmental footprints and maintenance costs without sacrificing quality and efficiency. Our 5M series 5000 transit washes come in 4 specially engineered models that feature a robust ladderized frame construction, improved chemical applicators, oscillating overhead roof scrubbers, and wrap around brushes for front and back coverage.



Train Wash

The demands of the train wash industry have pushed N/S Corporation into new and exciting territories. Some of the features we've added to keep up with industry needs are patented train wash designs. N/S Corporation has created eaves brushes, straight and slanted framed side brushes, rugged frame construction for extended durability, and oscillating scrubbers. In coordination with transit authorities, operators, and owners, N/S Corporation has developed train cleaning systems that thoroughly clean vehicles by pulling them through a rugged frame construction. These patented systems incorporate pieces such as eaves brushes, straight and slanted framed side brushes, and oscillating scrubbers that meet top environmental and industry standards and regulations.



Large Commercial Vehicle Wash

N/S Corporation has also created large commercial vehicle wash products to keep commercial fleets pristine. Through the use of large commercial vehicle systems, N/S Corporation services airports and transit authorities around the world, reducing fleet downtime and basic operating costs.

The 414 Series is the most streamlined and profitable system N/S Corporation has created to wash large commercial vehicles. This line of transit wash systems offers straightforward, high quality cleaning for diverse vehicle types, including buses, trains, and trucks. Using high pressure jets and side brushes, the 414 Series tackles the specific stains and wear and tear associated with long trips on the road. This includes removing mud and grime from hard to reach spots like the undercarriage.



Optional Equipment and Parts

N/S Corporation prides itself on creating simple and straightforward vehicle wash systems, providing fleet and retail operations with a wash system with which they can effortlessly service their vehicles. N/S Corporation also offers additional equipment and parts specifically for retail and transit demands, including activation, blower, and reclamation systems, exhaust removal, reverse osmosis, interior cleaning, arches, guide rails, motor control, and prep guns for wash system use.



Reclamation Systems

Any environmentally-friendly vehicle wash system will incorporate a reclamation system into its design. These systems recover, filter, and recondition used washing water for re-use in the car wash system. This significantly reduces water use and waste, contributing to car wash sustainability. Many customers will only choose a car wash that employs environmentally-friendly technology.

These reclamation systems come in custom sizes, depending on the demands of the vehicle wash system. All N/S Corporation systems share similar basic components, including transfer systems, particle accelerators, activation systems, and a powerful pumping motor. They can also be customized for above or below ground use.

Activation Systems

Activation system types depend on a number of factors, including customer volume, humidity, elevation, and other environmental factors. One of the most common activation systems on the market incorporates a car wash sensing mat that alerts the machine if a vehicle is present. Similarly, an air activation hose can sense the vehicle's tires. Roller location components and an anti-jam switch can also be integrated into the activation sensor, ensuring maximum safety and system cohesion.

One top-of-the-line activation system is N/S Corporation's Photo Electric Eye Sensor Set. Using photoelectric technology, this set reliably detects vehicles and their location in the vehicle wash system. Its voltage can be customized, helping to reduce energy costs by ensuring that the right amount of energy is used for each wash.

Blower Systems

Since retail car wash owners prefer blower systems in their operation, N/S Corporation has designed a line of blower systems that are effortless to install and customize. N/S Corporation provides frames, blowers, and replacement bags separately, as well as pre-constructed blower systems. Blowers are available in a variety of outputs, in straight or slanted frames. Blowers should be customized to the car wash system's layout.

A popular model, N/S Corporation's Air Wiper System, uses high power motors and blowers with two sets of airbags that thoroughly remove water from exiting vehicles.

Exhaust Removal

For transit equipment, exhaust removal can be an effective addition. Utilizing an adjustable robotic arm and an exhaust blower fan, the operator can effectively clear bus and truck fumes, rendering the wash safer and cleaner. N/S Corporation's exhaust removal comes with a handheld remote control, making it easy to use.

Interior Cleaning

The interior cleaning of a vehicle can be as labor intensive as the exterior cleaning. This is why N/S Corporation has designed interior cleaning systems for its commercial wash system. A wind tunnel cleaning system incorporates a pressurized air supply with pneumatic controlled beams in order to thoroughly remove particles of dirt and trash from the vehicle interior.

Reverse Osmosis

Often, a wash is rendered useless when the water dries, leaving behind mineral deposits. With carbon filtering and water purification technology, reverse osmosis can remove impurities from both reclaimed water and the municipal water source so that spotty car washes can be avoided.

N/S Corporation's reverse osmosis technology has been designed for easy installation and use. Once connected to the car wash's water source, these systems are very low maintenance, and have low long-term costs. Employing a back flush lockout and an auto membrane flush, this technology provides an extra service that is environmentally-friendly and efficient.

Top of the Line Customer Service

N/S Corporation believes in providing reliable systems to our clients, as well as a thorough and efficient wash system for our clients' customer base. N/S Corporation ensures customer satisfaction through the new system warranty, built into the cost of a wash system. The warranty includes coverage over equipment overhaul and repair.

For clients that have higher maintenance and damage probability, a maintenance service contract is recommended. An N/S Corporation team member helps draft a maintenance strategy for vehicle wash systems, including routine, preventative, and repair maintenance services, in addition to On Demand services. On Demand is a separate option that entails any service outside of the maintenance contract. This feature may include the installation and removal of specific parts such as blowers, motors, and gearboxes.

Preventative maintenance also offers an extra layer of protection. N/S Corporation can perform routine, preventative maintenance to help protract issues caused by the demands of the transit and auto business.



For more information on vehicle wash systems, please **contact N/S Corporation**. Our dedicated customer service team is happy to inform you of our systems and give you a quote. For the best wash system, consult with the industry leading N/S Corporation today.