



TOUCH FREE IN-BAY AUTOMATIC CAR WASH SYSTEM

The newest **MagicWash 360** raises the standard for touch free automatic car wash systems. With **Revenue Enhancement** and **Total Cost of Ownership** improvements being the main focus, the focus delivers the industry's best **Return On Investment**. **Magic 360 Technology** makes the machine responsive to the dynamic conditions in the wash bay and allows the machine to "think for itself" to increasing up-time and optimizing the wash process.

Substantially faster wash speed lead to increases in vehicle throughput and shorter lines that will make your customers happy. Simplified machine design and lower energy and utility usages reduce operating costs leading to a more profitable operation.

PERFORMANCE,
DEPENDABILITY & QUALITY

Touch Free 360 degree Technology
High performance efficient Wash



- 1 Built in web interface for Updating, Reporting and Monitoring
- 2 Card Reader
- 3 Remote Control Operation
- 4 Virtual Treadle - Self Parking System
- 5 Zero Manpower Required



Magicwash 360 is an automatic computer operated machine, fully automated, without manual operation, automatic completion of the vehicle cleaning, waxing, polishing, water spray and air-dried to achieve a real sense of care by the full integration of the smart car cleaning equipment.

Magicwash 360° Technology enables the car wash system to be responsive to the dynamic conditions in the wash bay and allows it to "think for itself", increasing up-time and optimizing the wash process.



SIMPLE, SMART & SOPHISTICATED



INCREASED REVENUE

The MagicWash 360 car wash system allows more opportunities to enhance your revenue stream with new service offerings and improve car wash package differentiation to better align with your customer's needs. New services include; Front Bug Prep, dedicated Super Sealant applicators, FlashDry rinse and enhanced arch control for better detergent coverage and improved bug removal. Substantially faster wash speeds will increase your vehicle throughput - reducing a customer's total time at the site and putting a smile on their face.



LOWER COST OF OWNERSHIP

Reductions in water, electricity and chemicals drop right to your bottom line while simpler parts replacements and easier troubleshooting reduce on-going maintenance costs. The Magic 360 Technology system dramatically reduces the interaction needed by an attendant while the non-corrosive structure fights the harsh wash environment for the long-term. A "keep-it-simple" design goal is realized by significant reductions in sensors, swivels, valves and the use of common electronic parts throughout.



RETURN ON INVESTMENT

With the Nissan's MagicWash 360 your Return on Investment is a combination of Wash Volume Increases, improved Revenue per Wash and reduced Costs per Car. A quick pay-back from your initial investment, the piece of mind of knowing that you have a new machine and the true "Green Savings" from a faster, simpler and more efficient system confirm the profit increasing potential to your bottom line.

FIRST YEAR RESULTS

VOLUME WASH	↑	6.5%
REVENUE PER WASH	↑	8.0%
COSTS PER WASH	↓	₹ 35.00

Typical first-year impacts show car wash volume increases from faster speeds and quicker lines, revenue increases per wash by the addition of new services and the ability to better differentiate wash packages and cost decreases from chemical, water and electricity reductions, lower maintenance costs and less attendant labour.



The cleaning power of the Nissan's MagicWash 360 is raised to a new level with the addition of better vehicle chemical coverage with rounded arch corners, smart chemical timing and tilting arch functions. Combined with your ability to customize services and speeds in infinite combinations and to store favorite or seasonal packages - the cleaning system is a major step forward.



Nissan's MagicWash 360 integrated dryer option performs the unique FlashDry service that takes no additional time for a basic dry by performing a rinse and dry in a single operation. Developed on the simple theory that it is easier to remove water that is already moving - FlashDry improves rinsing while removing over 80% of the water all in a single 10 second pass.



A modern, easy to use web browser interface to access all key operating functions and reports is standard on the MagicWash 360. You can change wash packages, view performance and trend reports and monitor all machine functions with any device that has a web browser without needing any special software. Secure connections can be done remotely through the Internet allowing flexibility and the reduced need to go to the site. Email messaging and other real-time connections keep you and your staff in touch with the operation anywhere and anytime.



Nissan's MagicWash 360 gives your customers a safe, comfortable and easy to use wash experience. The overhead design and improved vehicle positioning system keeps the bay floor open and unobstructed. Bright and simple customer signage combined with language specific audio messages provides clear instructions.



The MagicWash 360 Arch Control System allows for quicker throughput and creates customer confidence and comfort through the entire wash process. The arch is able to rotate 360 degrees while simultaneously moving around the vehicle. Three axis motions provide rounded corner profiling to produce consistent coverage by keeping the nozzles always focused on the vehicle. No more spraying on the floor! Arch control makes every second productive in the wash process - each corner time is reduced from 4 seconds to 1.5. The Magic 360 Arch Control also intelligently operates around the complete vehicle perimeter; monitoring and adjusting to conditions to keep attendant interaction low.

VEHICLE POSITIONING

Nissan's most recognized innovation is the unparalleled Virtual Treadle. This electronic vehicle-sensing technology eliminates drive-on-floor-mounted mechanisms, creating a wide open bay that makes it easy for anyone at your dealership to use for either drive-through or drive-in/back-out wash bays. With the open bay design the MagicWash 360 can wash the largest SUVs, Sedans and hatchbacks.



SUPERIOR CLEANING SYSTEM

With up to 80 BAR water pressure, the MagicWash 360 provides the necessary cleaning power to remove stubborn dirt and debris in even the most hard-to-reach areas of the vehicle without the need for any brushes or cloth curtains touching your customer's new or serviced vehicle.

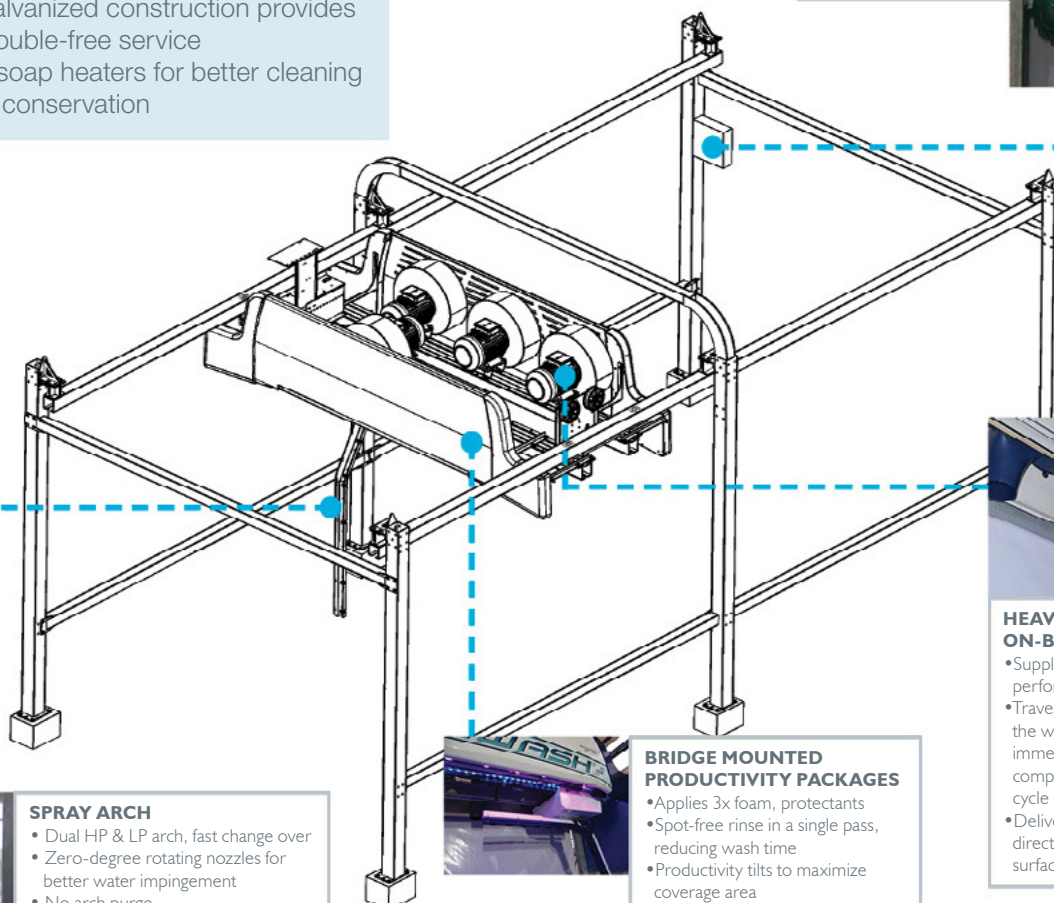


SIMPLICITY, DURABILITY

- Belt drive, no grease points
- Hot-dip Galvanized construction provides years of trouble-free service
- On board soap heaters for better cleaning and water conservation

SIGNAGE SYSTEMS

- Bright LED displays
- Easy-to-read, even with fog in the bay



SPRAY ARCH

- Dual HP & LP arch, fast change over
- Zero-degree rotating nozzles for better water impingement
- No arch purge
- Optimal vehicle measuring

BRIDGE MOUNTED PRODUCTIVITY PACKAGES

- Applies 3x foam, protectants
- Spot-free rinse in a single pass, reducing wash time
- Productivity tilts to maximize coverage area
- Designed to maximize upsell profits

HEAVY DUTY ON-BOARD DRYER

- Supplies drying performance
- Travels in conjunction with the wash bridge, operates immediately after completion of the wash cycle
- Delivers air columns directly to the vehicle's surface

MAGICWASH 360



The MAGICWASH 360 advantage:

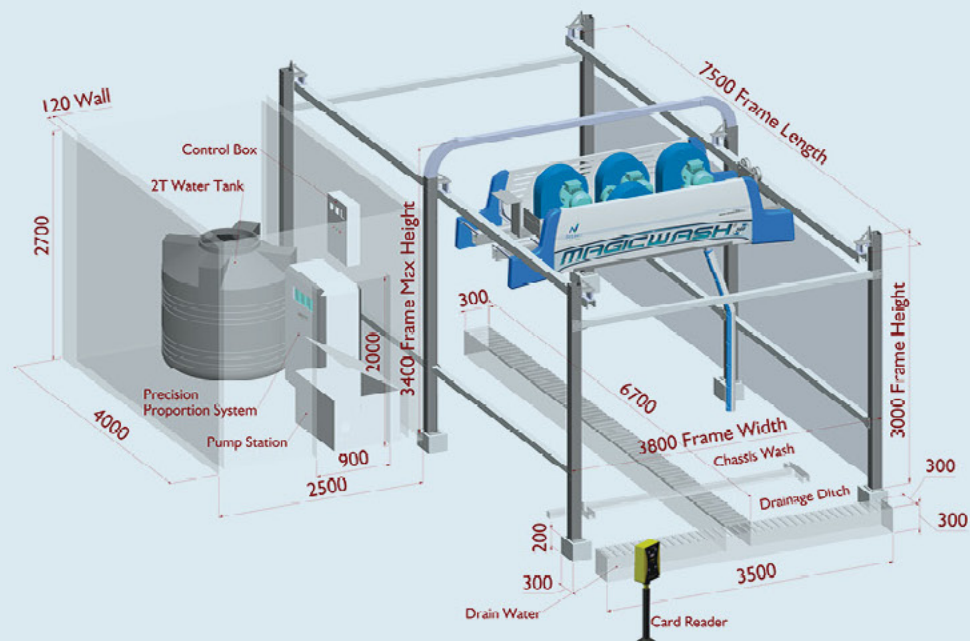
- Overhead design with no floor steel
- Unique internal air drying design
- Magic 360 Technology
- Lesser Water Consumption
- No Floor Civil work required
- Slip-Free Belt Drive
- More Services: Tri-Foam, Crystal Wax, Bug Preparation, Voice alarm
- Internal Bridge Rollers
- Integrated 3D detection system
- Integrated intelligent liquid proportioning system
- Virtual Treadle – Self Parking Guide System
- No Operator Required
- Card Reader System
- Less Maintenance
- Oil – Free Lubrication
- Digital Collision Avoidance System

Technical Specifications

Model: MagicWash 360°

Min. Installation Size Machine	L*W*H = 7500*3800*3400 mm
Max. Car Wash Size	L*W*H = 5900*3000*2100 mm
Materials	High Quality Stainless Steel & Plastic
Machine net weight	2700 Kgs
Packing Size	10.5 CBM
Power Requirement	3 Phase, AC 380V 22KW 50-60 Hz
Flushing Pressure	80 Bar
Washing Time	5-7 mins for complete cycle.
Water Consumption	70-80 Ltrs Per Car Approx.

Dimensions (mm):



WORKING CYCLES

1. WHEEL AND CHASSIS WASH

High pressure pre-wash for under chassis and wheels. Equipped with a unique chassis and fan hub flush function, 80bar high pressure water can effectively remove dirt on chassis, body sides and wheels.



2. PRE-WASH

Smart 360 Rotate Arm, Flush car body 360° and spray various washing liquid. Complete 360° rotating within 30 seconds, water saving 50%, electricity saving 60%, automatic detect the length and width of the vehicle, up to 85bar high pressure water can easily remove the dirt.



3. FOAM WASH

Magic color thick shampoo - Thick foam makes cleaning maintenance component fuller contact with dirt, thereby improving the efficiency of decontamination, making the paint colors more moist, bright lights.



4. HIGH PRESSURE WASH

The advanced Magic Arch control system is able to rotate 360 degrees while simultaneously moving around the vehicle, providing fast and effective cleaning for all vehicle configurations.

The MagicWash has substantially faster wash speeds than comparable systems resulting in less waiting time for your customers to get their vehicles back from servicing. Providing a clean, road-ready vehicle is guaranteed to improve your Customer Satisfaction Index and give them what they want and deserve.



5. WAX APPLICATION

Soft water with crystal wax coat
Soft water can make magic crystal coating color shampoo and wax completely adsorbed body surface, forming a multi-layered interaction strength protective film, car paint become more glorious and beautiful with durable paint protection.

Crystal coating of wax can be generated in the paint surface layer polymer, the water softener fused into a hard protective film, with superior protection of car paint, and features anti-acid rain, pollution, UV erosion.



6. AUTOMATIC BLOW DRYING

Unique embedded fast drying system
- Magicwash 360° Configuring three 5.5kw and one 4kw motors embedded in the washing machine, control the airflow by four cylindrical outlet, the first task is to split a bunch of wind air, reducing wind drag subsequent to follow airflow to dry the surface of the car body, Magicwash 360° optimize the characteristics of wind speed, other traditional type of fan is to improve the speed, but wind has been minimized when arrive the car body, and in fact the high-speed airflow is the best dried solution.



BY NISSAN CLEAN INDIA PVT LTD



Nissan Clean India Private Limited is the manufacturer of Vehicle wash systems and various Industrial cleaning equipments.

Nissan Clean India (NCI) has been an innovator in the vehicle wash industry and has refined its products to become a leading supplier to many of the nation's largest and most prestigious corporations and organizations including privately-owned professional carwash operators, corporate rental car operators, private bus operators, school districts, municipalities, auto dealerships, transit authorities and others.

Defending quality as an essential guiding principle and not just a market requirement is a tradition at Nissan Clean India. As early as 1990 we obtained official certification for our procedures under quality code ISO 9001:2008

Corporate Office:
407, Trade Square, Arvind Avenue,
Khokhra Circle, Maninagar (E),
Ahmedabad - 380008,
Gujarat, India

Workshop:
37/38, Shiv Bhoomi Industrial Estate,
Kubadthal Road, Near TechFlow Engg,
Kubadthal, Ahmedabad-382430,
Gujarat, India

p. +91 79 69 000 588 / 599
e. mail@nissanclean.com
e. sales@nissanclean.com
www.nissanclean.com
www.magicwash.net