

WASH OPTIMA



Wash Optima is our Superior Range System developed by keeping in mind the requirements of the clients who wish to have the best of the Automatic Car Wash Business. The equipment has stunning aesthetic looks and the body plates used for fabrication are of Galvanised Steel to give the superior strength and longer life to the machine body. The fascia is coated with Aluminium Composite Panel (ACP) to enhance the visual appearance of the Machine.

Special soft Foam Brushes are installed in Wash Optima to enhance the washing experience even on the high end model cars that require extreme care. The rotating brushes easily displace dust and other foreign particles that get attached to the surface of the vehicle. Water droplets are sprayed onto the vehicle through precise nozzles and preformed liquid foam is applied to vehicle covering it evenly from hood to boot. This liquid foam is rubbed in by the rotating brushes, giving the vehicle a thorough scrub. The detergent along with dirt and grease is washed off by the use of the same precise nozzles. A special Air blade blower is installed to get rid of the excess moisture leftover by the wash. The result is a total wash without and labour requirement.



Washing Cycle

- Under chassis wash system (optional)
- Pre Wash • Foam Soap Spray
- Brush Washing
- Wheel wash with rotating brushes
- Wax Spray
- Contour following Automatic Drying

Optional Addons

- Under Chassis Wash System
- Water Recycling Plant



HMI Touchscreen Operator Panel

Touch screen control panel provides a user friendly interface that makes work easier to operators at the wash facility. It is very simple to operate and can be operated by a single touch pre-feed cycle or by selecting individual cycles for specific purposes.



High Quality Cable Track Chain System

Automatic Retracting Wheel Wash System

Highly effective wheel wash system which washes the rims of the car by automatically detecting the wheels. The rotating brushes results in throughout cleaning of rims. Its dual action spin gives better results on new wheel rim designs.



Soft Foam Eva Bristle Brush



Technical Specifications

Model		Wash Optima
1	Machine Structure	Hot Dip Galvanized 3 mm plates
2	Brush Pressure Sensing	Yes
3	Brushes Material	Soft Foam EVA Brush
	Vertical Brush	2
	Horizontal Brush	1
4	Wheel Brush	2
	Dryer	On-board Contour Following Blowers
5	Washable Dimensions	
	Height	2.3 m
	Width	2 m
	Length	5.2 m
6	Electricity Supply	415 Voltage 50 Hz 3 Phase with Neutral
7	Max Power Required	25 HP /18 KW
8	Control Programming	PLC SIEMENS
9	Control System	HMI Panel 7" Touch Screen Color Display
10	Remote Connectivity	Wireless
11	Traffic Light System	
	Diagnostic Mode	Yes
	Vehicle Positioning	Yes
	Vehicle Exit	Yes
12	Wheel Guides	Square Pipe Yellow 6mtr
13	Trolley Rails	Rectangular Bar Galvanized
14	Water Pump Details	MONOBLOCK PUMP
	Min. Pressure	3 bar
	Min. Flow Rate	140 lt per min
	Power	3 HP /2.2 KW
15	Cable Carrier System	Cable Track Chain
16	Chemical Dosing System	Elc. Dosing System (with flow control)
17	Silicon Wax System	Liquid Wax
18	M/c Front Fairing	ACP Cladding
19	Body Paint	Powder Coated and Painted
20	Horizontal Brush Lifting mechanism	Power Pack with Cylinder
21	Motor with Gear Box	Aluminum Body IP66 Water Proof
22	Machine Sensor	Imported Make Water proof
23	Electrical Protection	MPCB

WASH 

Standard Features

- Complete Water Proof Structure with high quality make water proof IP 66 motors.
- Superior Quality Soft Foam Bristle Brushes.
- On board Contour Following Blower
- Wheel Wash system for precise wheel cleaning.
- Silicon Wax System
- Backlit Wash Cycle Display
- Vehicle Positioning System
- Pre-Feed One Touch Washing Cycle.
- Completely automatic operations including Pre-wash, Foaming, Scrubbing and high pressure under washing cycles.
- Movable Gantry, which completely covers the vehicle no need to move the vehicle.
- Lesser time consumption, 10 minutes /Car, 6 Cars /Hour.
- Lesser water consumption, 130Ltrs /Car, much lesser than with a conventional system 400Ltrs/Car.
- Floor Mounted Trolley
- Heavy Duty Structure made with Galvanised Sheets
- Space Saving Trolley Design
- Quick Assembly Design for expeditious installation.
- PLC Controlled Automatic System
- VFD Controlled Drive
- Onboard Control Panel
- Automatic / Manual Mode
- Touch Screen Interface
- Contour Following Top and Vertical Brushes
- Rust Free SS Nozzles
- PVC Piping
- Liquid Foam Shampoo System
- Easy to Operate
- Least Maintenance and User-Friendly
- Standard parts and components used (available almost everywhere in the world)
- High Quality Cable Carrier System
- Technical Specifications



Corporate Office
407, Trade Square, 4th Floor Arvind Avenue,
Khokhra Circle, Maninagar,
Ahmedabad-380008.Gujarat, INDIA.
Tel. : +91 79 69000588

For Inquiries, Contact Our Sales Team

By Call: +91 97237 44422
By Email: sales@nissan-clean.com

