

WASH MASTER



Wash Master is a High Range System with all the programs which a fully fledged Automatic Car Wash System might have.

The equipment has total 5 brushes 1 Horizontal, 2 Vertical Brushes and 2 wheel wash Brush. The Horizontal Brush follows the contour of the car and cleans the body effectively. The high-tech On-Board contour following blower dries the vehicle completely and effectively within minutes. The Brushes have X profile bristles with feathered brush tips to remain gentle on the car always

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.



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.



Air Drying System

A quality finish is achieved with a perfect drying process. Horizontal contour following dryer nozzle design which maximizes performance by precisely following the contour of the car through close proximity.



High Quality P.e. Bristle Brush

Technical Specifications



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

Standard Features

- Silicon Wax System
- Backlit Wash Cycle Display
- Vehicle Positioning System
- Pre-Feed One Touch Washing Cycle.
- Complete Water Proof Structure with high quality make water proof IP 66 motors.
- 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 HMI Control Panel
- Automatic / Manual Mode
- Touch Screen Interface
- Contour Following Top and Vertical Brushes
- Rust Free SS Nozzles
- PVC Piping
- Liquid Foam Shampoo System
- High Quality PE bristle Brushes
- Easy to Operate
- Least Maintenance and User-Friendly
- Standard parts and components used (available almost everywhere in the world)
- Loop Carrier System



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