

Welcome to the future of car washing. We present a comprehensive comparison between four of the most advanced cleaning machines on the market: the Roll Over RS, the Roll Over RA, the Roll Over RH, and the RCV Brushless Touchless device from Wash Thru – one of the top categories of brushless systems. Each machine is carefully designed to offer you advanced technology and exceptional cleaning performance for an outstanding washing experience. Discover how these advanced machines can enhance your car cleaning experience, ensuring your vehicle’s quality and cleanliness are maintained in the best possible way.

Specifications	Brushless Devices	Roll Over Devices		
	Device: RCV Touchless	Device: Roll Over RH	Device: Roll Over RA	Device: Roll over RS
				
Main Specifications				
Washing area size	Length: 7.20 m Width: 3.90 m Height: 4.30 m	Length: 8.50 to 9 m Width: 3.70 m (4.10 In case of choosing the ground foundation) Height: 3.40 m (4.50 m In case of choosing the wall foundation)	Length: 10 to11.20 m Width: 3.90 m (4.30 In case of choosing the ground foundation) Height: 3.50 m (4.50 m In case of choosing the wall foundation)	Length: 12 to 13 m Width: 4 m (4.50 In case of choosing the ground foundation) Height: 3.60 m (5.5 m In case of choosing the wall foundation)
Foundation types available	Ground foundation Wall foundation	Ground foundation Wall foundation Hanging foundation	Ground foundation Wall foundation Hanging foundation	Ground foundation Wall foundation Hanging foundation
Vehicle size	Length: 5.90 m Width: 2.30 m Height: 2 m	Length: 5.40 m (room length 8.50 m) 5.60 m (room length 9 m) Width: 2.30 m Height: 2 m	Length: 5.40 m (room length 9.50 m) 5.80 m (room length 10 m) Width: 2.30 m Height: 2 m	Length: 5.40 m (room length 11.50 m) 5.80 m (room length 12 m) Width: 2.30 m Height: 2 m
Machine size	Length: 55 cm Width: 3.56 m Height: 3.92 m	Length: 1.35 m Width: 3.60 m Height: 3.20 m	Length: 2.05 m Width: 3.80 m Height: 3.30 m	Length: 3.16 m Width: 3.90 m Height: 3.40 m
Number of car wash brushes	—	3 Microfoam Ethylene Vinyl Acetate Brushes (car lights) Optional (2 Polyethylene Brushes)	5 Microfoam Ethylene Vinyl Acetate Brushes (car lights)	5 Microfoam Ethylene Vinyl Acetate Brushes (car lights)

Specifications	RCV	RH	RA	RS
Number of Air Dryers	Optional* 6 Air Dryers (4 Upper Dryers 2 Side Dryers)	Optional* 6 Air Dryers (4 Upper Dryers 2 Side Dryers)	6 Air Dryers (4 Upper Dryers 2 Side Dryers)	4 Air Dryers (2 Upper Dryers 2 Side Dryers)
Air Dryer Movement	Optional* Fixed at the inlet or outlet in the frame, adding 60 cm to the total length of the device	Optional* A separate frame at the inlet or outlet	Fixed to the device and move along with it They can be customized by adding up-and-down motion (2 top dryers – 2 side dryers)*	Up and down with rotation at the front and rear of the vehicle.
Washing and Drying Duration per Vehicle	4 to 5 minutes	6 to 7 minutes	3 to 4 minutes	4 to 5 minutes
Power Source (Electricity)	380V, 60Hz 30AMP Rated current 40AMP Max current Max output: 17 kW	380V, 60Hz, 60 Amps Max output: 23 kW	380V, 60Hz, 150 Amps Max output: 57 kW	380V, 60Hz, 100 Amps Max output: 38 kW
Electricity Consumption	0.4 kWh per vehicle	0.5 kWh per vehicle	1.15 kWh per vehicle	1.25 kWh per vehicle
Water Consumption	Overhead tank (5–3 tons) 230 liters per vehicle	Overhead tank (5–3 tons) 120 to 160 liters per vehicle	Overhead tank (5–3 tons) 120 to 160 liters per vehicle	Overhead tank (5–3 tons) 240 liters per vehicle
Detergent Consumption	Iav Shampoo: 120-160 ml Wax: 13 ml Prewash solution: 40-50 ml	Shampoo: 40-50 ml Wax: 13 ml Prewash solution: 40-50 ml	Shampoo: 40-50 ml Wax: 13 ml Prewash solution: 40-50 ml	Shampoo: 40-50 ml Wax: 13 ml Prewash solution: 40-50 ml
Number of Water Pumps	Optional* 3-2 pumps	5-2 pumps	4-2 pumps	5-2 pumps
Machine Structure	Corrosion-resistant steel + stainless steel for all friction points	Corrosion-resistant steel + stainless steel for all friction points	Corrosion-resistant steel + stainless steel for all friction points	Corrosion-resistant steel + stainless steel for all friction points
Brushless Wash Feature		Optional* (customizable upon client request).	Optional* (customizable upon client request).	
Independent pre-wash gate	Optional* (customizable upon client request).	Optional* (customizable upon client request).	Optional* (customizable upon client request).	

Specifications	RCV	RH	RA	RS
Body and Safety				
Electrical Protection system	Under/Over Voltage Protection + Phase Sequence Protection	Under/Over Voltage Protection + Phase Sequence Protection	Under/Over Voltage Protection + Phase Sequence Protection	Under/Over Voltage Protection + Phase Sequence Protection
Pressure and Temperature Sensors for Pump Protection from Dry Running	Optional*	Optional*	Optional*	Optional*
Radar Sensor	—	—	—	✓
Magnetic Flow Meter	—	—	—	Optional*
Additional Features				
Support for Connecting Water Recycling Systems	✓	✓	✓	✓
Ability to Add Extra Display for Reading Vehicle Plate Numbers	✓	✓	✓	✓
Ability to Add RFID Reader for Device Operation	✓	✓	✓	✓
Capability to Integrate Reports with Kessor System	✓	✓	✓	✓
Remote Control Function	✓	✓	✓	✓

* تطبق رسوم إضافية

Specifications	RCV	RH	RA	RS
Smart App Connectivity Support	✓	✓	✓	✓
Support for Multiple Operating and Maintenance Systems	Arabic, English, Hindi, Urdu, Bengali additional languages can be added upon the client's request*	Arabic, English, Hindi, Urdu, Bengali additional languages can be added upon the client's request*	Arabic, English, Hindi, Urdu, Bengali additional languages can be added upon the client's request*	Arabic, English, Hindi, Urdu, Bengali additional languages can be added upon the client's request*
Automatic Brush Weight Adjustment System	—	✓	✓	✓
Ability to Connect with Self-Use Payment Systems	✓	✓	✓	✓
Warranty	2 years for main parts 5 years for control board	2 years for main parts 5 years for control board	2 years for main parts 5 years for control board	2 years for main parts 5 years for control board
Central Maintenance System	✓	✓	✓	✓
Wash Cloud System	✓	✓	✓	✓
Automatic Stop System in Case of Malfunction	✓	✓	✓	✓
Smart System in the Device	• Preventive maintenance system • Maintenance alerts system • Consumption management system • Artificial intelligence diagnostic system	• Preventive maintenance system • Maintenance alerts system • Consumption management system • Artificial intelligence diagnostic system	• Preventive maintenance system • Maintenance alerts system • Consumption management system • Artificial intelligence diagnostic system	• Preventive maintenance system • Maintenance alerts system • Consumption management system • Artificial intelligence diagnostic system
Weight	1,100 kg	1,500 kg	1,660 kg	1,900 kg

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