



杭州镭速清洗设备有限公司

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Leisuwash DG Touchfree Car Wash Machine Automatic



Washing without brushes poses a special challenge for a car wash. Leisuwash DG equipped a multi-stage chemical and high-pressure system. Automatically detect various types of vehicles and working with 35cm flushing distance and 100bar flushing pressure.

1. 100bar High Pressure Water. No Brush, No Scratch



We don't need to worry about any damage to the car paint, because during the cleaning process, except the cleaning fluid and high-pressure water, there is no brush contact with vehicle body.

2. Multi-Stage Applicator and Chemical Application



A multi-stage applicator is used to apply different chemicals and therefore loosens a high amount of dirt. Contour-following and lateral high pressure ensure that the vehicle surface is cleaned thoroughly after the dirt has been loosened.

3. Leisuwash DG Flow-Optimized Drying System



Following the Leisuwash philosophy there is no great car wash without a great drying system. Leisuwash DG flow-optimized drying system provide contour-following air drying with accurately drying distance at 25cm.

4. SILENT-Drying System can Reduce 35% Noise and Energy Consumption



By optimizing the main body of the blower, the air flow loss is effectively reduced, with 16 KW of power, the premium dryer for DG ensures that cars are dry and customers are satisfied.

Optional SILENT-drying system can reduce 35% noise and energy consumption, and suit to more application places.

5. Wheel Clean: Bi-Directional Rotating Scrubbing



One of the most difficult areas of vehicles to clean are the wheels, Leisuwash DG takes tire scrubbing to a new level. During the process, each tire receives a chemical application and the wheel receives an intense bi-directional rotational scrubbing, combined with high-pressure water flow. There are multiple cleaning technologies in play to meet even the most demanding consumer needs.

6. Overflow Lava Foam and Water Wax Coating



Leisuwash DG also provide more value-added functions, such as overflow lava foam, the light show will attract drivers off street and into your wash bay. Soft wax coating makes every car wash becomes a car care and maintenance, and surely will bring more return customers for you.

7. Leisuwash DG Premium Quality

The excellent production process is the basis for ensuring the long life of the equipment. each component is made after repeated testing and careful design in the laboratory. Each

component has excellent quality and good performance.



Sheet Metal Whole Bending

The sheet metal of the machine is whole bending by 3mm-4mm pickling plate , without tube welding.



Rail 32*32 Solid Square Steel

The equipment is higher safety, reliability, and durability.



Electrophoretic Primer + Plastic Spray, Double Anti-Rust

The bottom coating of the overall sheet metal frame is treated with electrophoretic paint, which is widely used in automobile bottom coating, plastic spray after the electrophoretic paint. Anti-corrosive and anti-rust fully meet European and USA standards.



**Forward
STOP
Back**



MADE WITH HEART

Leisuwash quality guarantee comes from high-quality materials and advanced manufacturing technology



**Forward
STOP
Back**



CAR WASH

New Design with Safety and Reliability

LEADING QUALITY IN THE WORLD

Keep improving and pursue zero-fault quality goats. Leisuwash is your trust worthy partner.

8. Intelligent Contour-Following Touch Free Car Wash

High quality 3 years warranty

Details show our professional

Our suppliers are from leading companies in the world, reliable technology and quality are the guarantee of your trust!

LEISUWASHDOG

German Igus cable



German Igus towline



American SPRAY high-pressure nozzle



German P+F sensor



Italy MEGADYNE timing belt



American Parker high pressure pipe



German Siemens inverter



Japan NSK transmission bearings



Taiwan Delta PLC



Taiwan Wuli High Pressure Pump



German Siemens Motors



French Schneider Low-Voltage Appliance



All achieve **IP67** waterproof

All lifting, rotating, walking and air-drying motors and reducers are Italy brand. Long lifetime in harsh washing environment

Leisuwash High Quality

Even a small screw, spring washer, flat washer, key pin, snap ring etc are all made of 304 stainless steel.

Leisuwash High Quality

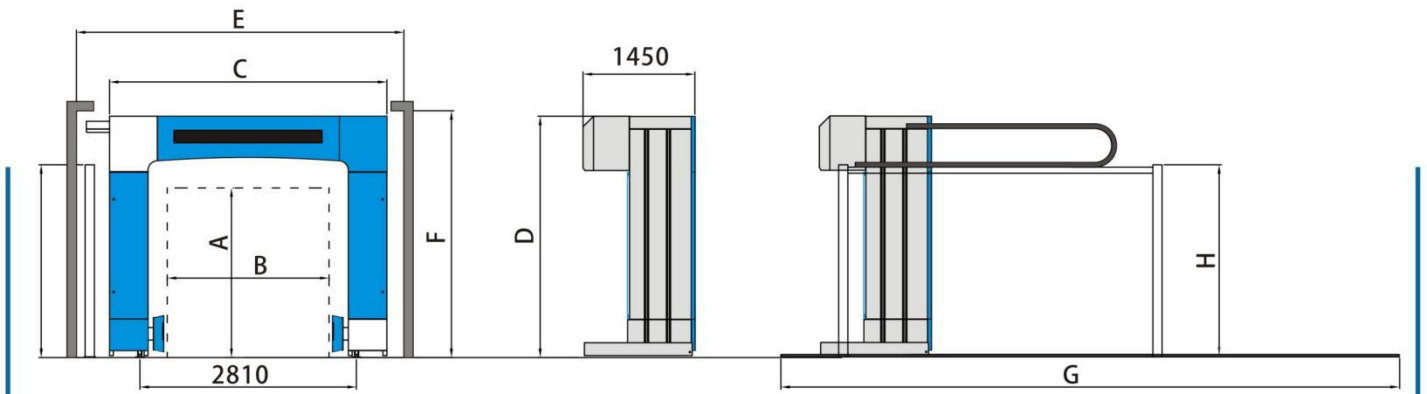
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9. Leisuwash DG Technical Parameters

Leisuwash DG	
Item	Parameters / Process / Brand / Consumption
Equipment Dimensions	3600mm*1450mm*3100mm
Rail Length	≥9000mm
Total Power	28kw/35kw
Shipping Weight	≥3500kg
Shipping Volume	18.5 CBM
Power Requirement	22kw
Control System PLC	Delta Industrial Control
Electrical Components	French Schneider
Frequency Conversion Drive System	German Siemens
Water Pump	Pinfi/WULI(Import)
Water Pump Motor	German Siemens 18.5kw/22kw
Drive Bearing	Japan NSK Bearings
High-pressure Hose	American Parker
Engineering Towline	German IGUS (Import)
Towline Cable	German IGUS (Import)
Lifting Timing Belt	Italy MEGADYNE
Sensor	German P+F/Italy MICRO DETECTORS
High Pressure Nozzle	American SPRAY 316 hardened stainless steel
Longitudinal Motor/Reducer	Import from Italy (Waterproof 1p67)
Lifting flushing Motor/Reducer	Import from Italy (Waterproof 1p67)
Lifting Rotary Motor/Reducer	Import from Italy (Waterproof 1p67)
Lifting Air-drying Motor/Reducer	Import from Italy (Waterproof 1p67)
Wheel Brush Motor/Reducer	Import from Italy (Waterproof 1p67)
Air-drying Aluminum Motor 4*4kw	Import from Italy (Waterproof 1p67)
Wind Drum/Impeller	Galvanized sheet + electrophoresis + spray (outdoor plastic powder)
Frame Sheet Metal Anti-rust Process	Electrophoresis + spray(outdoor plastic powder)
Frame Sheet Metal Manufacturing standard	3mm-4mm pickling plate whole bent without welding
Contour-following Lifting and flushing Device	304 Stainless Steel
Rails	32*32 Solid Square Steel
High Pressure Steering Control Valve	Import from USA
HMI	10 Inch Delta color touch screen
Pneumatic Components	Taiwan AirTAC
Power Consumption/Water Consumption	0.8KWH-1.2KWH/Car, 120L-200L/Car
Chemical Consumption	RMB1.5 -RMB3/Car
Configuration	Configuration
Contour-following high pressure Rinse	Scan code 24 hours self-service car wash service
High pressure side rinse	Cloud remote monitoring
Contour-following air-drying	APP background management
Wheel brush	LED arrow tips
Intelligent chemical mixing system	LED large screen carwash process display
Soft water wax coating	Language guidance Smart parking
Contour-following flushing anti-collision ring	Touch screen console
Contour-following air-drying anti-collision ring	Remote control operation
Digital Security Anti-collision System	Permission setting
Automatic standby function	Car wash quantity report statistics
	Fault self-test function

10. Leisuwash DG Car Wash Machine Dimension Diagram

Leisuwash DG Dimension Diagram

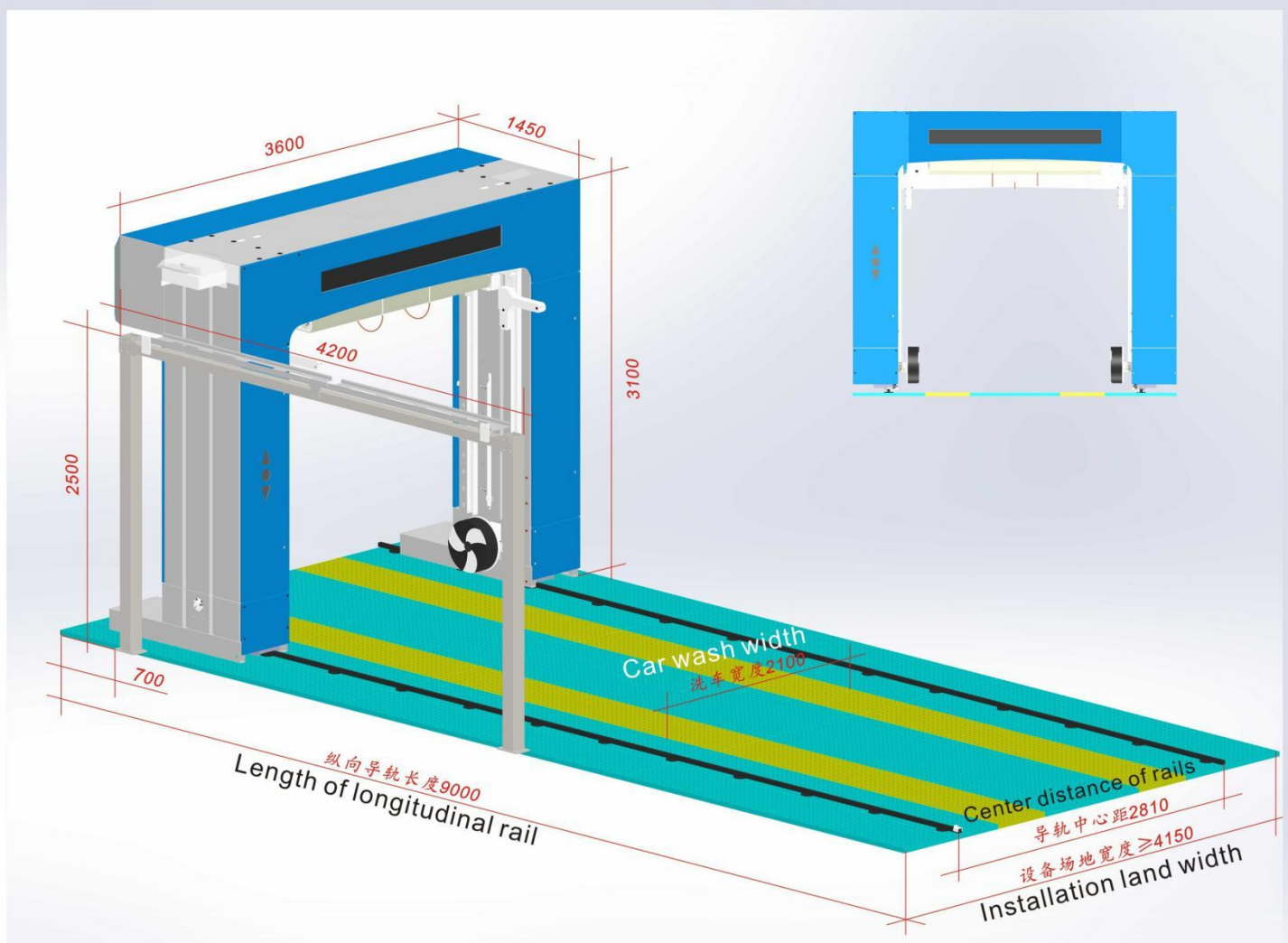


Item	Measurement	Remark	Specification	Shipping volume
A Max car wash height	2100mm		Main Machine polywood case	3600*1450*3100
B Max car wash width	2100mm		Water Pump polywood case	1340*900*600
C Machine width	3600mm		Control box polywood case	460*550*1600
D Machine height	3100mm		Towline support	320*120*4200
E Mounting width	≥4150mm	Installation room min width 4050mm	Rails	32*32*9000
F Mounting height	≥3200mm		Accessory	Pipe fittings and other accessories
G Rail mounting length (standard)	≥9000mm			
H Towline mounting height	2500mm			

Shipping volume:≈18.5 m³/Shipping Weight:≈3.5T

11. Leisuwash DG Car Washing Machine 3D Drawing

Leisuwash DG 3D Drawing



12. Leisuwash DG Video

<https://youtu.be/xpQgowONjAI>

<https://youtu.be/tFcMuQUY6rU>