

Hangzhou Leisu Cleaning Equipment Co., Ltd

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Leisuwash SG Automatic Touchless Car Wash Equipment

Overview

Leisuwash SG Car Wash Equipment the Revorlution of Car Wash Industry, Washing Cleaning is King !

The development of the Leisuwash SG had one principle: a brushless machine should still deliver a great wash result ! The combined chemical applicator and high pressure bar do make this possible. It keeps an even distance to the car so that the chemicals can reach all parts of the vehicle in the same concentration. The combination of different chemicals will soften up even persistent dirt and the contouring high pressure system will clean it off easily.



Leisuwash SG Contour-following Pre-soak Application and Super High pressure Rinse

In several stages two presoak chemicals are applied to the vehicle to soften up any crusted dirt, with our contouring application system the chemicals will be evenly applied to all areas of the car. It will automatically detect and identify all types of vehicles, contour following the car body at accurately 35cm distance, water is alternately supplied from horizontal arm or from vertical arm, up to 100 bar high pressure water with 15 nozzles could easily flushing away the dirt. Horizontal arm could go to really bottom and makes perfect cleaning at vehicle head and tail.



Contour-following Pre-soak Application and High pressure Rinse

Leisuwash SG OverGlow Hi-Gloss Lava Foam System

Bright active agent Biodegradation and can improve the decontamination effect, making the paint surface more beautiful and brighter. Fantastic colorful LED light will attract drivers off street and onto your wash bay.



OverGlow Hi-Gloss Lava Foam System

Leisuwash SG High Pressure Side Wash with Duel Arm

German P+F ultrasonic sensor detection system ensure 35 cm precision washing distance on both sides, water is alternately supplied from horizontal arm or from vertical arm, up to 100bar flushing pressure with 9 powerful USA made jets at both sides, can effectively cleans the sides and sill areas of the vehicle.



High Pressure Side Wash with Duel Arm

Leisuwash SG Spot Free Reverse Osmosis Water Rinse

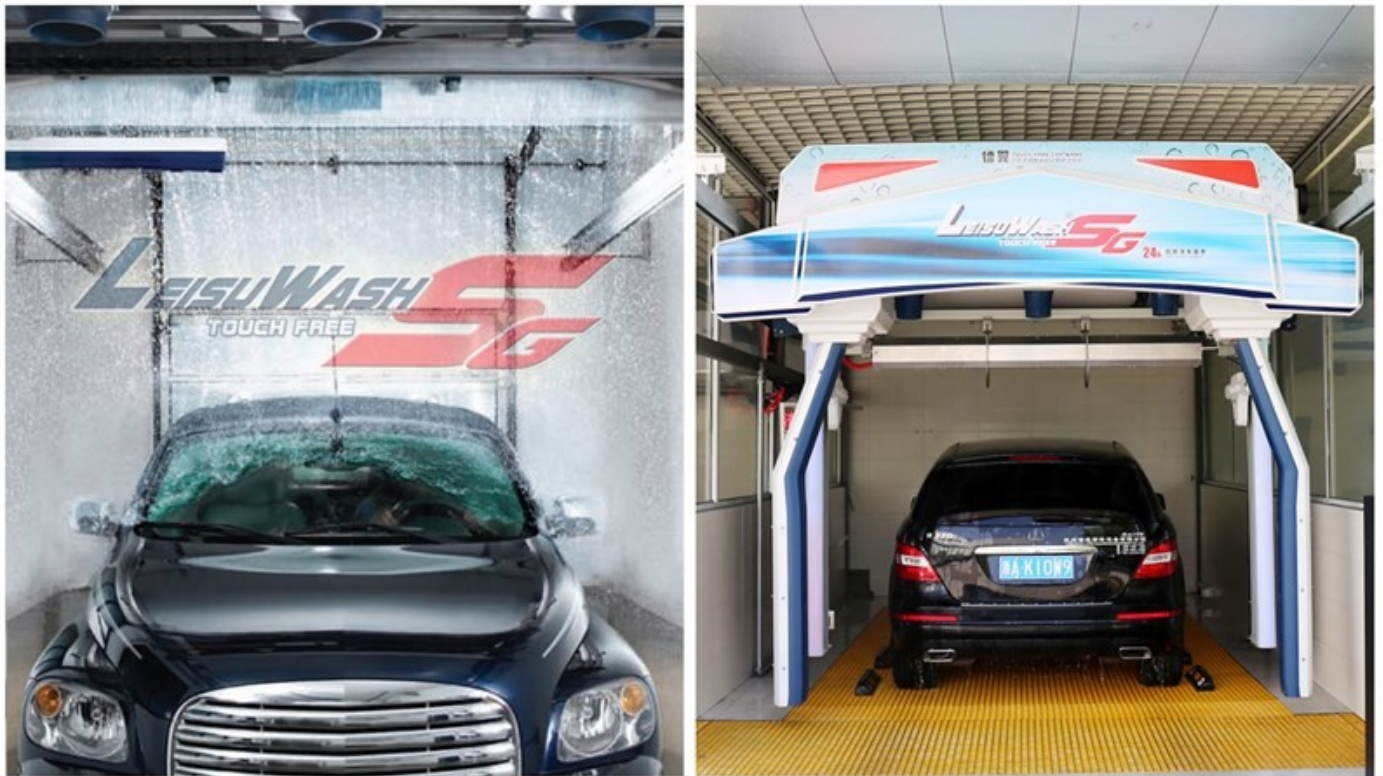
Final rinse with reverse osmosis water can perform a spot free car wash, the crystal coating wax can be completely absorbed on the surface of the car body, with superior protection of car paint, and features anti-acid rain, pollution, UV erosion.



Spot Free Reverse Osmosis Water

Leisuwash SG Intergrated Air Drying System

Following the Leisuwash philosophy there is no great car wash without a great drying system. Leisuwash SG configuring three 5.5kw and one 4kw Siemens 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, complete drying the car within 50 seconds.



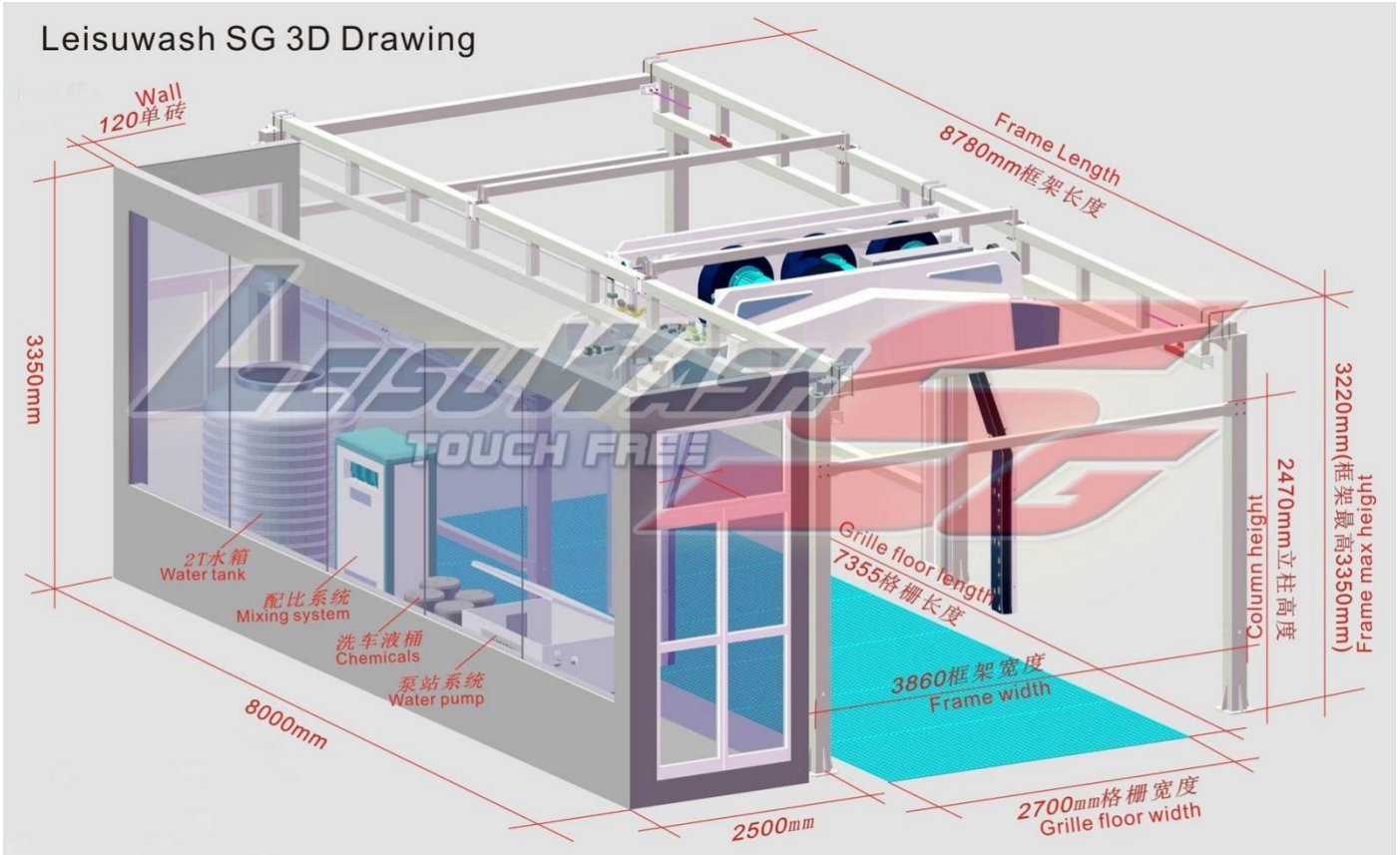
Intergrated Air Drying System

Leisuwash SG 24 hours Self-Service Online Paying

Through the online payment with voice guidance system can achieve 24-hours self service car wash. In China people use WeChat or Alipay online paying, overseas customers can adpot local payment system work together with Leisuwash systems.

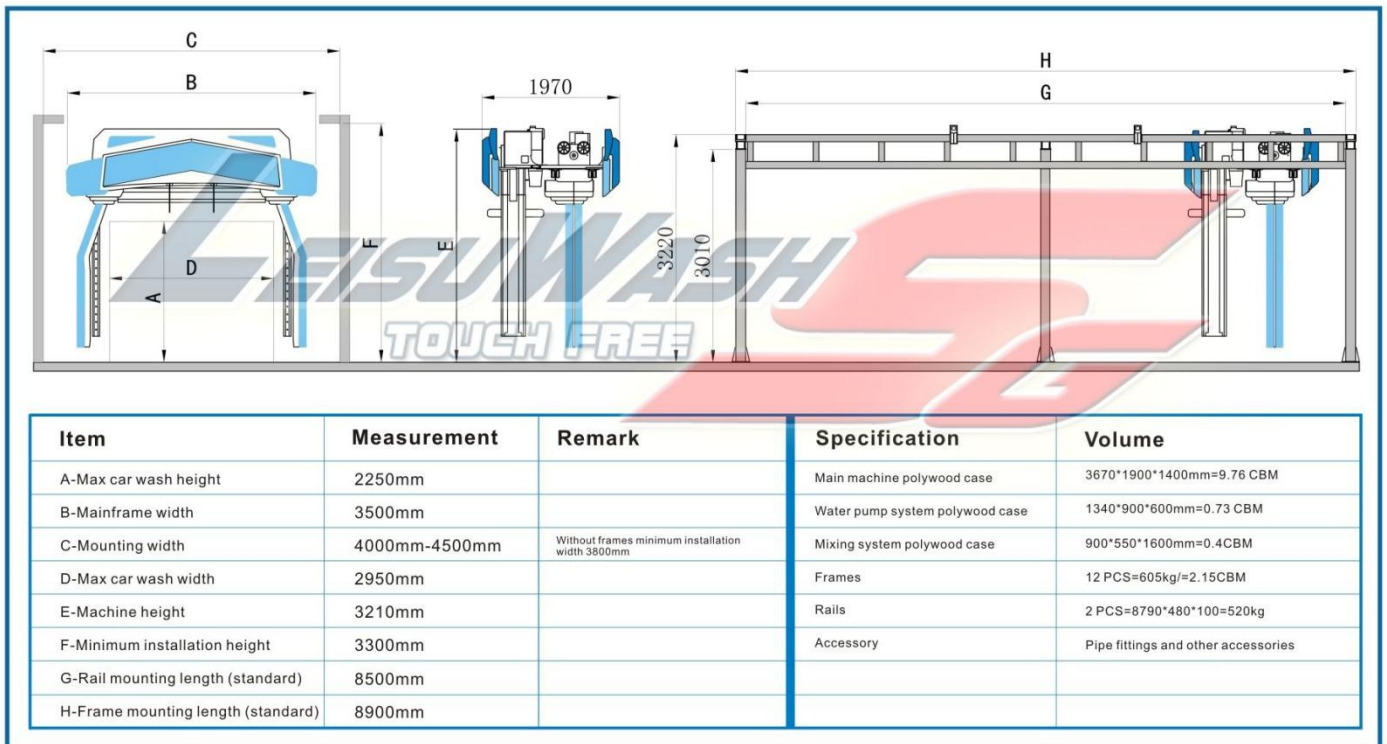


Leisuwash SG 3D Drawing



Leisuwash SG Car Wash Equipment 3D Drawing

Leisuwash SG Car Wash Equipment - Installation, Shipping Dimensions



leisuwash SG:≈13.8 m³/leisuwash SG≈3500kg

Video Link:

https://youtu.be/1_NG0-opoOg

Leisuwash SG Car Wash Equipment Installation, shipping dimensions

Item	Parameters / Process / Brand / Energy Consumption	Item	Parameters / Process / Brand / Energy Consumption
Power requirement	380V/22Kw/50Hz	Lifting device	304 stainless steel
Control system PLC	German Siemens industrial control PLC	Mainframe Rack	Hot-dip galvanizing + plastic spray (plastic powder)
Electrical components	French Schneider	Mounting frame 160*160*4	Hot-dip galvanizing, welding unnecessary
Ultrasonic sensor	Germany B+F (original import)	HMI	10 inch Delta color touch screen
High pressure piston pump	Taiwan Wuli (original import)	Drive System	Germany Siemens frequency conversion drive
Pump motor	Germany Siemens aluminum motor	Pneumatic Components	Taiwan AirTAC
Air dryer motor	Germany Siemens aluminum motor	Nozzles	American SPRAY (original import) 316L stainless steel
High-pressure hose	American Parker	Rotary joint	American (original import) 304 stainless steel
Engineering towline	Germany IGUS (original import)	Max car wash size	Length 5600mm / width 2950mm / height 2250mm
Towline cable	Germany IGUS (original import)	Car wash speed	Fast wash 5 mins/car; Super wash 7 mins/car
Longitudinal/transverse timing belt	Italy MEGADYNE	Water Consumption	Fast wash 200L/car; Super wash 350L/car
Reducer	Italy SITI	Energy consumption	Fast wash 1KWH/car; Super wash 1.3KWH/car
Wind drum / impeller	304 stainless steel (80 decibels / 40 decibels)	Chemical consumption	Standard wash RMB3/car; Super wash RMB3.5/car
Rotating arm	304 stainless steel		

Leisuwash SG Automatic Car Wash System parameters

Item	leisuwash SG	Configuration	leisuwash SG
24 hours self service	<input checked="" type="checkbox"/>	Touch screen operation	<input checked="" type="checkbox"/>
Contour following high pressure flushing	<input checked="" type="checkbox"/>	Remote control operation	<input checked="" type="checkbox"/>
Side high pressure flushing	<input checked="" type="checkbox"/>	Alipay / WeChat payment system	<input checked="" type="checkbox"/>
Intelligent chemical mixing system	<input checked="" type="checkbox"/>	Operation authority setting	<input checked="" type="checkbox"/>
Water wax glazing system	<input checked="" type="checkbox"/>	Auto standby function	<input checked="" type="checkbox"/>
Intergrated air drying system	<input checked="" type="checkbox"/>	Emergency stop function	<input checked="" type="checkbox"/>
Voice guidance system	<input checked="" type="checkbox"/>	Panel light	<input checked="" type="checkbox"/>
LED prompt system	<input checked="" type="checkbox"/>	Lifting light	<input checked="" type="checkbox"/>
Self-parking system	<input checked="" type="checkbox"/>	System free upgrade service	<input checked="" type="checkbox"/>
Digital safety collision avoidance system	<input checked="" type="checkbox"/>	OverGlow Hi-Gloss Lava Foam System	<input checked="" type="checkbox"/>
Car wash quantity summary	<input checked="" type="checkbox"/>	Reverse osmosis soft water	<input type="checkbox"/>
Indoor and outdoor mounting frames	<input checked="" type="checkbox"/>	Automatic lifting door	<input type="checkbox"/>
Car wash modes selection	<input checked="" type="checkbox"/>		
Faulty self-checking Function	<input checked="" type="checkbox"/>		

Description: Standard Optional

Leisuwash SG Car Wash System Configuration

Leisuwash thousands installations in overseas:

<https://www.leisuwash.com/clients/>

Leisuwash brochures with FAQ download page:

<https://www.leisuwash.com/download/>

Leisuwash SG Touchless Car Wash Equipment Demonstration Video:

https://youtu.be/1_NG0-opoOg

Facebook Channel:

<https://www.facebook.com/Leisuwashing>

Instagram Channel:

<https://www.instagram.com/leisuwash360/>

Customers feedbacks are real !

<https://leisuwash.ru/> (Russia Representative 1)

<http://www.robotcarwash.ru/> (Russia Representative 2)

УмнаяМойка.рф (Russia Representative 3)

<http://www.aso-ler.rs> (Serbia Representative)

<https://lavadolaser.cl> (Chile Representative)

<http://www.carwashexpress.com.br> (Brazil Representative)

<https://cyberwash.com.ua> (Ukraine Representative 1)

<http://robowash.com.ua/> (Ukraine Representative 2)

<http://www.amb-tech.pl> (Poland Representative)

<http://leitai.tw> (Taiwan Representative)

<http://www.carwashexpress.com.ar> (Argentina Representative)

<http://autotech.bg> (Bulgaria Representative)