

STARGATE S11

From Aquarama creativity and innovation
the future takes shape



AQUARAMA®
CAR WASH SYSTEM

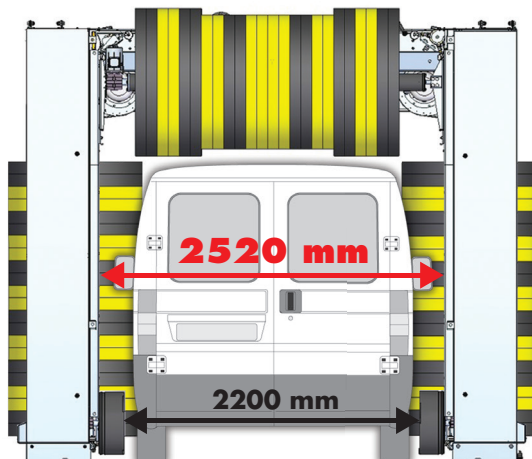
STARGATE *S11*

- Innovative technological solutions
- Technology built to last
- High quality washing



MORE SPACE FOR BIG VEHICLES WIDE VEHICLE PASSAGE CAN BE INSTALLED IN SMALL WASH BAYS.

Washing width



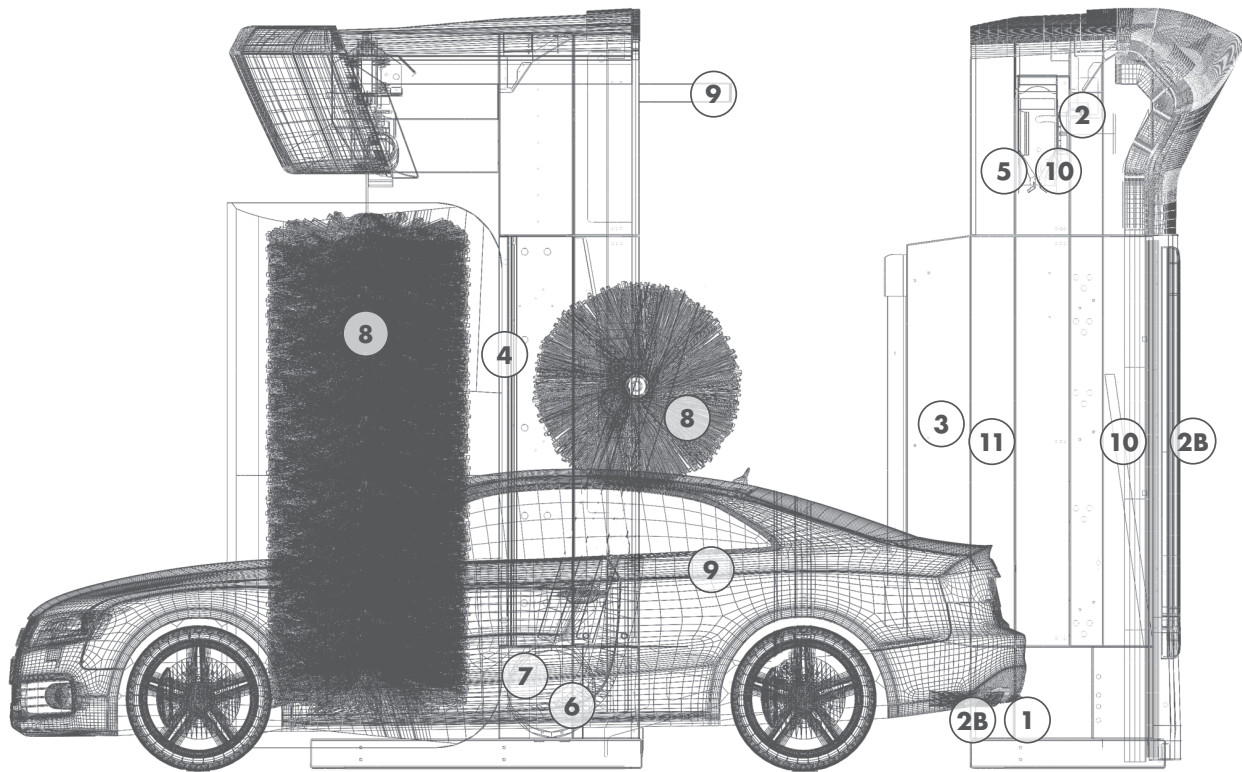
Available washing heights

2500 mm

2300 mm



REDUCED TIME AND QUALITY MAINTAINING THE CORRECT PHILOSOPHY OF WASHING



- | | | | |
|-------------|-----------------------------------|-------------|-------------|
| 1 - | Wheels | 6 - | Rotating HP |
| 2 - | Insects | 7 - | Wash Wheels |
| 2b - | Insects (with Photocells'Barrier) | 8 - | Brushes |
| 3 - | Foam | 9 - | Wax |
| 4 - | Side High Pressure | 10 - | Drying |
| 5 - | Top High Pressure | 11 - | Polish |

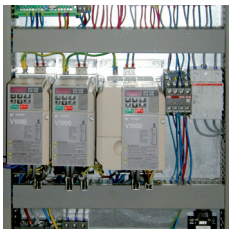


LOW MAINTENANCE THANKS TO SELF-LUBRICATING MATERIALS

Innovative materials for silent movements requiring no lubrication or maintenance.

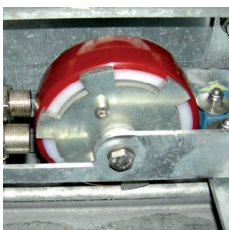
STARGATE S11

STANDARD FULL SPECIFICATIONS



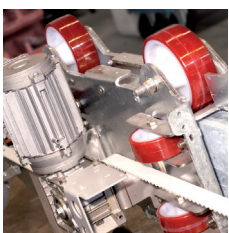
FOUR FREQUENCY CONVERTERS

The four frequency converters allow a rapid smooth pass, for a precise wash on every part of the vehicle.



DRIVE AND LIFT SENSOR

Measurement of movements with two sensors for maximum precision and reliability.



LOW MAINTENANCE THANKS TO SELF-LUBRICATING MATERIAL

Innovative materials for silent movements requiring no lubrication or maintenance.



LED TRAFFIC LIGHTS INTEGRATED IN THE GANTRY LEG

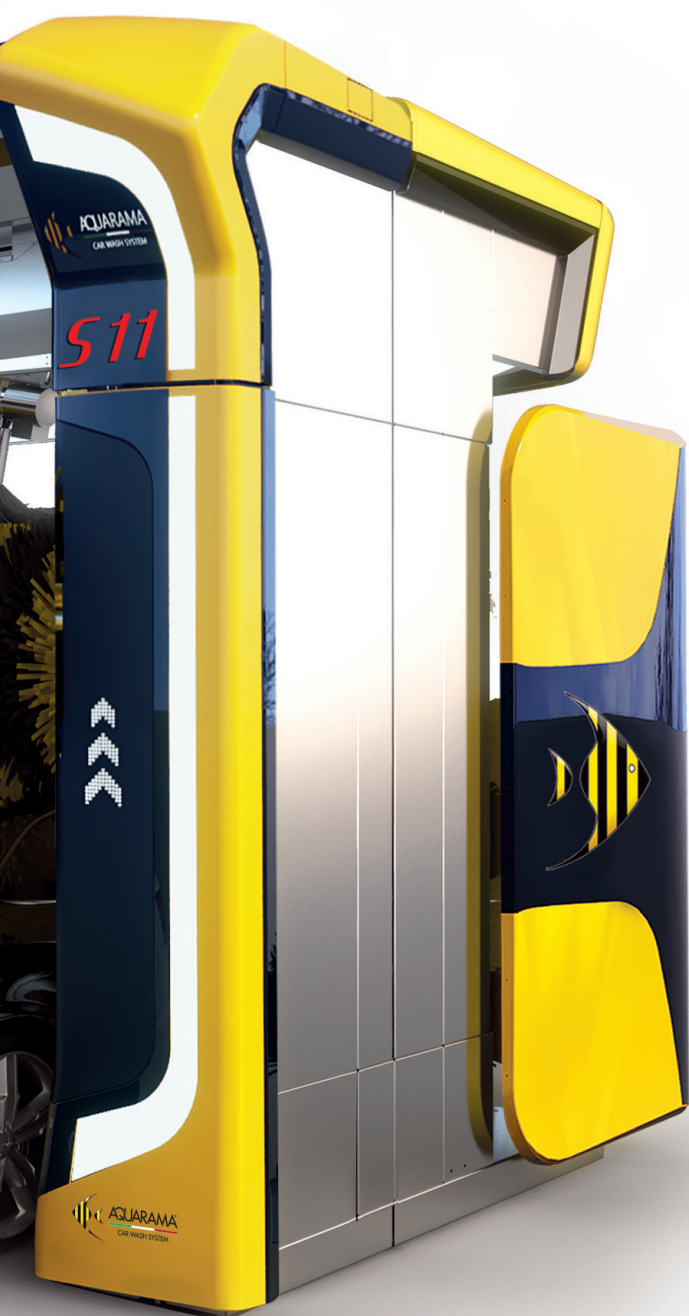
Wide traffic light with LEDs, sliding display. Perfect also in bright light conditions.



STAINLESS STEEL WHEEL WASHER

The reversal of rotation and inclination of the brush allows a thorough cleaning of the rims of every dimension.





The gantry model shown is equipped with optional

Colours available



Yellow
Ral 1003



Red
Ral 3001



White

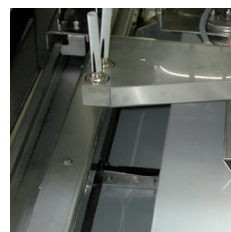
PERFECT DRYING IN ONLY ONE PASSAGE

Stainless steel horizontal blade following the vehicle profile, tilting to 3 positions. Inclined side vents. Four electric blowers 5,5 kW/each.



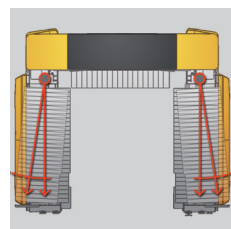
SECURITY

Lifting belt loosening alarm. Blade anti-fall locking system on drying.

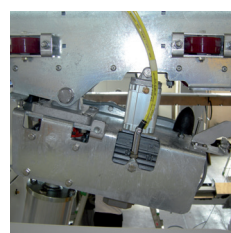


SENSITIVE SIDE BRUSHES

Tilting side brushes, electronically controlled, perfectly adapting to the profile of the car.



TILT AND LOCK



WAX APPLICATION

The wax is applied using a contour following wax arch and laterally delivered by nozzles positioned close to the vehicle sides, for a perfect water-repellent effect.



High pressure system



WHEELS

Tilting wheel washer with fully integrated rotating high pressure, for a thorough cleaning of rims, wheel arches and sills.



HORIZONTAL CONTOUR FOLLOWING

High pressure on 2 positions tilling blade for a more efficient dirt removal



FIXED LATERAL

Located on intermediate mobile arch. Advanced position for a perfect pre-wash.

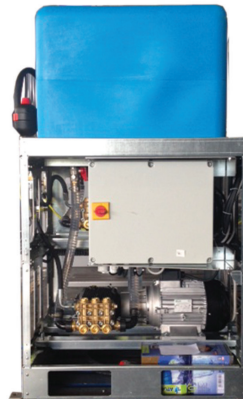
High pressure pumps system

Choices of 84 or 126 liters high pressure pumps system, for a powerful pre-wash.

Available in insulated outdoor cabinet or in frame for technical room.



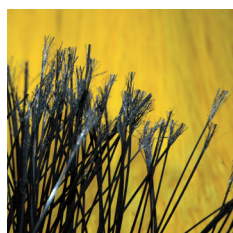
CABINET



FRAME

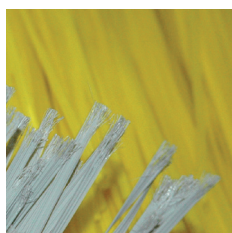
Brushes available

POLYETHYLENE



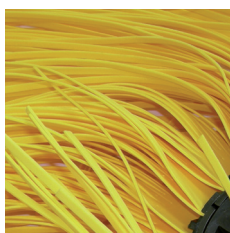
The polyethylene brush guarantees a very good result with a moderate investment.

FILOK



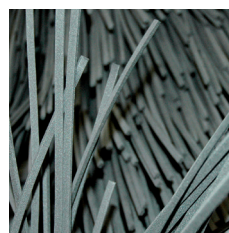
Lighter and delicate when touching the car body. Large and flat the FilOK allows to accurately rub the surface.

CARLITE PROFILE



New, light and softer in contact with the bodywork. HP prewash recommended.

CARLITE PROFILE STRING



Unlike Carlite Profile, they have smaller strings for higher cleanliness of details. Recommended with high pressure.

TEXTILE



Extremely thorough washing and exceptional polishing from this premium option. Long lasting. HP prewash recommended.

Self service system - control units

The control unit has been designed for simple and intuitive use. Wide liquid crystal display. Secure payment system for 24 hours use.

The operator can configure each passage to create personalized programs.

Possibility for the customer to add any optionals to the selected basic wash.

PHOTOCELLS' BARRIER (Optional)

Thanks to the photocells' barrier it is possible to detect any vehicle's shape, optimizing the horizontal brush contact and the drying blade pass.



■ High precision of detection

Automatic detection of particular shapes (I. E. Pickup, Skibox, Lightbars, etc.)

■ High Speed Detection

First pass of Drying Gantry up 20 m/min

■ High Smoothness of Functioning

Drying blade - Horizontal brush Horizontal High Pressure



It accepts



Touch



Smart Coin Card
with a value
or a program



Banknotes



Coins and/or
tokens



Certified payment system
for self-service banking
transactions with bank card
and Smartphone.



It delivers



Receipt (no fiscal)



Smart Coin Card
Self Service Top Line only



Coins
and/or tokens
2 hoppers

Structure

- Hot dip galvanized and painted steel structure
- ABS plastic claddings (optional)
- Direct gantry drive with frequency converter
- High resistance rivets "aeronautic" type
- Stainless steel bolts

Vertical brushes

- Hot dip galvanized steel single cross beam
- Electrical positioning drive
- Double cross over on front and back of the vehicle
- Double inclination and locking by cylinder
- Electronic power control

Horizontal brush

- Electrical uplift with frequency converter
- Electronic power control
- Stainless steel sliding guides
- Fall prevention system and belts loosening detection

Drying

- Contour following 3 positions tilting stainless steel horizontal blade
- Electric uplift with frequency converter
- Stainless steel sliding guides
- Side drying with 2 electric blowers
- Fall prevention system (with spring-loaded hook) and belts loosening detection

Standard equipment

- Hydraulic system with dedicated solenoid valves and piping
- Shampoo dosing pump
- Wax dosing pump
- 2 single festoon supply systems (wall hanging)
- Control panel in dedicated wall box
- Fully integrated preset self-service kit

TECHNICAL FEATURES

Dimensions Stargate S11 (in millimetres)

Washing height	2.300	2.500
Machine height	*3.300 (3.180)	*3.500 (3.380)
Machine width	*3.715 (3.600)	
Washing width	2.520	
Machine depth	*3.200 (2500)	
Machine weight	1.800 + 1.700	1.900 + 1800
Distance between rails	3.000 (2.800 upon demand)	
Rails length	12.000	

*Max dimensions with ABS claddings

() Dimensions with standard aluminium cladding

Hall or washing bay dimensions for vehicles 5 meters long (in millimetres)

Height	*3.400 (3.300)	*3.600 (3.500)
Width	**4.100 (4.600)	
Length	*11.700 • *11.450 • (11.300) • ** (10.750)	

*Dimensions with ABS claddings

**With optional safety anti-crush device.

() Dimensions with standard aluminium cladding

Technical data sheet

Drive speed	m/min	0-22
Water pressure	Bar/l	3-5
Air pressure	Bar	8
Voltage	V/Hz	400 3/N/PE 50
Total power	kW	25
Control voltage	V	24
Drying power	kW	4x5,5

High pressure pumps (optional)

Water high pressure	Bar	80
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Data are merely indicative and are not bindin.

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