

## It accepts



Touch

Smart Coin Card  
with a value  
or a program

Banknotes

Coins and/or  
tokensCertified payment  
system for self-  
service banking  
transactions with  
bank card and  
Smartphone.

## It delivers



Receipt (no fiscal)

Smart Coin Card  
Self Service Top Line  
onlyCoins  
and/or tokens  
2 hoppers

The operator can configure each passage to create personalized programs.

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

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

## 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 up 20 m/min.

### High Smoothness of Functioning

Drying blade - Horizontal brush  
Horizontal High Pressure.

Photocells' Barrier

# stargateSHP

## 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

## Side high pressure

- 5 rotating and oscillating nozzles for high impact force and complete coverage of the body
- Stainless steel structure
- Can be divided in 3 sections according to the vehicle's profile
- Powered rotating head with 3 nozzles for wheels and low flanks

## Roof high pressure

- 6 rotating and tilting nozzles for high impact force and complete coverage of the vehicle
- Contour following stainless steel structure tilting in 4 positions
- Ground clearance for cleaning plates and bumpers.
- Front and rear double pass
- Electric uplift with frequency converter
- Stainless steel sliding guides

## Drying (optional)

- Contour following 3 positions tilting stainless steel horizontal blade
- Electric uplift with frequency converter
- Stainless steel sliding guides
- Side drying with 2 electric blowers.  
(Different combinations of power available)
- Security device anti-crush

## Standard equipment

- Hydraulic system with dedicated solenoid valves and piping
- Shampoo dosing pump
- Wash dosing pump
- Control panel with display in dedicated wall box
- Fully integrated preset self-service kit

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Advanced technology  
for a lasting success and reliability

## TECHNICAL FEATURES

### Dimensions Stargate SHP (in millimetres)

|                        |                           |                   |                   |                   |
|------------------------|---------------------------|-------------------|-------------------|-------------------|
| Washing height         | 2.100                     | 2.300             | 2.500             | 2.800             |
| Machine height         | *3.100<br>(2.980)         | *3.300<br>(3.180) | *3.500<br>(3.380) | *3.800<br>(3.680) |
| Machine width          | *3.615 (3.500)            |                   |                   |                   |
| Washing width          | 2.520                     |                   |                   |                   |
| Machine depth          | *2.400 (1.690)            |                   |                   |                   |
| Machine weight         | 1.780                     | 1.840             | 1.920             | 2.090             |
| Distance between rails | 3.000 (2.500 upon demand) |                   |                   |                   |
| Rails length           | 10.000                    | 10.000            | 10.000            | 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 | *3.200<br>(3.100)                       | *3.400<br>(3.300) | *3.600<br>(3.500) | *3.900<br>(3.800) |
| Width  | **4.000 (4.500)                         |                   |                   |                   |
| Length | *9.800 • **9.500 • (8.500) • ***(9.000) |                   |                   |                   |

\* 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   | 3-5                                                |
| Air pressure    | Bar   | 8                                                  |
| Voltage         | Hz    | 400 3/N/PE 50                                      |
| Total power     | kW    | 22 (28)                                            |
| Control voltage | V     | 24                                                 |
| Drying power    | kW    | (2x5,5 tetto + 2x4 lat.)<br>(2x3 tetto + 2x4 lat.) |

### High pressure pumps (optional)

|                     |        |           |
|---------------------|--------|-----------|
| Water high pressure | Bar    | 70        |
| Flow                | l/min. | 126 (168) |

Data are merely indicative and are not binding.



Certificato  
Nr 50 100 7925



**AQUARAMA**  
CAR WASH SYSTEM  
www.aquarama.it

# stargateSHP

From Aquarama creativity and innovation  
the future takes shape



**AQUARAMA**  
CAR WASH SYSTEM



- TOUCHLESS TECHNOLOGY
- WASHING SPEED AND EFFICIENCY
- INNOVATIVE DESIGN

## COLOURS AVAILABLE



Yellow  
Ral 1003

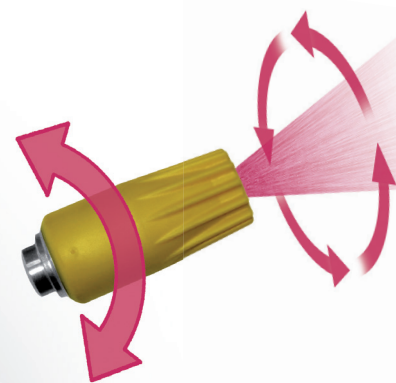


Red  
Ral 3001



White

## STANDARD FULL SPECIFICATIONS



### Rotating nozzles

With rotating nozzles for large-scale exploiting the mechanical action of water, you can remove the harder dirt with a significant water saving.



### Side high pressure

Rotating and oscillating nozzles that can be divided into 3 sections according to the profile of the vehicle for water saving.



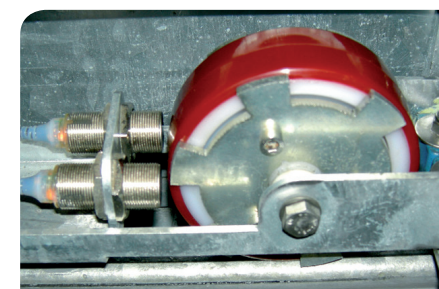
### Roof high pressure

Rotating and oscillating nozzles on contour following beam and adjustable to 4 positions, for a complete washing of the body and of the lower bumper. Always with optimal distance and angle.

### Drive and lift sensor

Measurement movements with two sensors for maximum precision and reliability.

Low maintenance thanks to self-lubricating materials



### Pre-wash with **Active Mousse®**

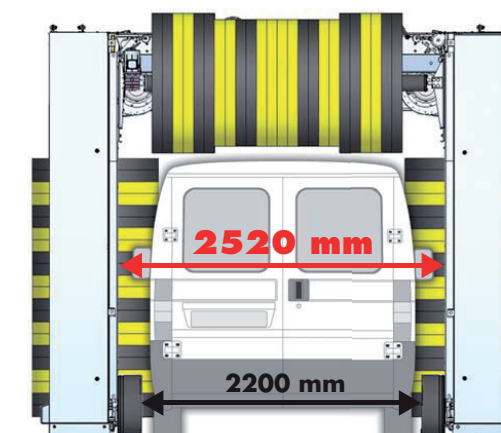
For a perfect adherence to the bodywork. Precise setting with high flow metering pump. An acid and two alkaline chemical products.

### Wax application

The wax is applied by top nozzles and laterally delivered by nozzles positioned closed to the vehicle sides, for a perfect water-repellent effect.



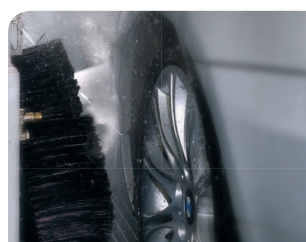
### Washing width



### Available washing heights

2800 mm  
2500 mm  
2300 mm  
2100 mm

## A WIDE RANGE OF ACCESSORIES, A FEW EXAMPLES...



### Wheels

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



### Fixed lateral

Fixed lateral jets for a power ful pre-wash.



### Horizontal contour following

Contour following stainless steel blade with 3 position tilt delivering maximum water impact for a most completepre-wash.

### Stainless steel wheel washer



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



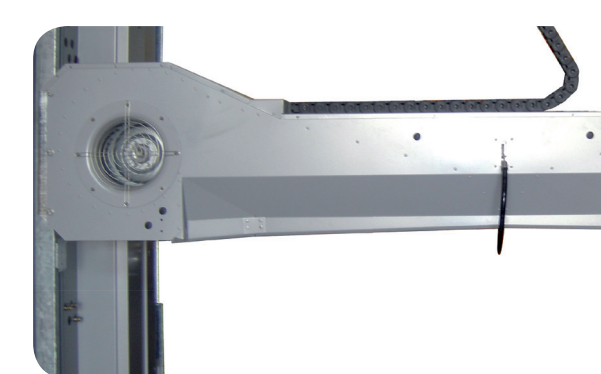
CABINET



FRAME

### High pressure pumps system

Choices of 42, 84 or 126 liters high pressure pumps system, for a power ful pre-wash. Available in insulated outdoor cabinet or in frame for technical room.



### Drying

3 position tilting stainless steel contour following horizontal blade. (Dif ferent combinations of power available)