STARGATE S4

Structure
- Hot dip galvanized and painted steel structure
- 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 (optional)
- Electronic power control

Horizontal brush
- Electrical uplift with frequency converter
- Electronic power control
- Hot dip galvanized sliding guides
- Fall prevention system and belts loosening detection

Drying
- Hot dip galvanized and painted contour following blade
- Flap tilting in 2 positions (optional)
- Electrical uplift with frequency converter
- Hot dip galvanized sliding guides
- Side drying 2 electric blowers (optional)
- Fall prevention system (with spring-loaded hook) and belts loosening detection

High Pressure (optional)
- Side High Pressure
- Wheels High Pressure

Standard equipment
- Hydraulic system with dedicated solenoid valves and piping
- Shampoo dosing pump
- Wax dosing pump
- Single festoon supply system (wall hanging)
- Control panel

Advanced technology for a lasting success and reliability.

TECHNICAL FEATURES

Machine dimensions (in millimetres)

Washing height	2.100	2.300	2.500	2.800	3.100
Machine height	2.970 (2.970*)	3.170 (2.970*)	3.370 (3.170*)	3.670 (3.470*)	3.970 (3.770*)
Machine width	3.560 - 3.680**				
Washing width	2.520				
Machine depth	1.650				
Machine weight (kg)	1.750	1.750	1.800	1.850	2.000
Distance between rails	3.000 (2.800 on request)				
Rails length	10.000	10.000	10.000	12.000	12.000

*With horizontal brush at rest **Dimensions at the wheel wash

Technical data sheet

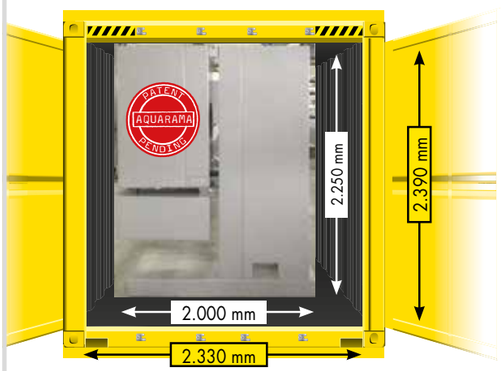
Drive speed	m/min	0-20
Water pressure	Bar	3-5
Pressione aria	Bar	8
Voltage	Hz	400 3/N/PE 50
Total power	kW	10 (16)
Control voltage	V	24
Drying power	kW	2x3 (2x3 top + 2x4 side)

( ) Side drying (optional)

High pressure pumps (optional)

Water high pressure	Bar	80

Data are merely indicative and are not binding.



Easy and cheap to carry!
Easy and quick to install!

Plug&Play: it does not require any connection for electrical internal circuits!

For the transport, the machine can be folded on itself (optional) without disassemble or disconnect it. The result is a matchless cheap transport and quick installation.

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STARGATE S4

- **Electrical movements**
- **Modern technology**
- **Right investment**



MAXIMUM SAFETY
Belts loosening detection. Fall prevention system of the drying blade (with spring-loaded hook) and of the horizontal brush.



NEW CONCEPTION ELECTRIC MOTORS
Anti-corrosion alloy body and stainless steel shaft.



TRAFFIC LIGHT
LED traffic light, completely deep in sealant resin, controlled by photocells or platform.
The green arrows and the red stop provide the help for a perfect positioning of the vehicle.



The gantry model shown is equipped with optional

2 POSITIONS TILTING FLAP
It allows a better care of car drying, in particular in the rear of the car.



HIGH PRESSURE PUMP ON BOARD
42 lt/min - 80 bar integrated into the body of the gantry for an easier assembly and an excellent washing.



WHEEL WASH
Available with telescopic brush, eventually with integrated HP, or rotating with high pressure, assisted by the distribution of chemical product at high concentration.





HIGH PRESSURE PUMPS CABINET/RACK
High pressure pumps system 84 lt/min (2x42) – 80 bar with tank, fitted in insulated stainless steel rack or cabinet.



SELF-SERVICE SYSTEM
Console to start the self-service with possibility to add banknotes reader, coins, Smartcoin card, change dispenser, in galvanized and painted steel box, with security lock.
The electronic control is strictly integrated with the machine PLC for an easier and more complete use.



LOW MAINTENANCE THANKS TO SELF-LUBRICATING MATERIALS
Innovative materials for silent movements requiring no lubrication or maintenance.

