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STARGATE **S9**

Planned by those who **love** design,
dedicated to those who **love** sustainability.



AQUARAMA[®]
CAR WASH SYSTEM



Aquarama and the environment

WATER AND ENERGY SAVING

- Optimization of washing arches and nozzles for a better dispensing on the vehicle and a **lower water consumption**
- Possibility to manage up to **4 different types of water**
- Software and wash cycles optimized to **reduce time and consumptions**
- Machine equipped as standard with 7 frequency converters to guarantee smooth and fast movements with particular attention to energy saving

PRODUCTION PLANTS DESIGNED WITH A GREEN PERSPECTIVE

The photovoltaic system, which works in self-production, generates a power of 750 kW, thus ensuring, at full capacity, the sustenance of the entire plant. The investment supported by Aquarama, in addition to generating economic savings, is part of the set of improvement policies that the company intends to adopt over the next 3 - 5 years. Aquarama has been investing in research and development, technological evolution and innovation for decades. The same commitment is and will be applied to green policies with the aim of creating and promoting constant improvement.

Aquarama for those who love design

The Stargate S9 gantry is the perfect answer for those looking for a washing machine that combines elegance, advanced technology and a high-quality experience. With a minimalist but refined design, this gantry is designed to offer exceptional performance, ease of maintenance and unparalleled efficiency.

DESIGN

A perfect fusion of modernity and functionality. The clean, futuristic and dynamic lines, typical of Aquarama gantries, are enhanced by the new X-Line cladding, which combines aesthetics and practicality in a single solution.

Cutting-edge technology: two elegant vertical led Wall on the doors and a horizontal one on the upper part add a touch of high-tech. A gantry that is not only a work of technology, but also an icon of style.

Every detail has been designed to guarantee efficiency and performance, offering a washing experience that achieves its objectives.



Technology as protagonist



THE ELECTRIC PANEL

- New generation PLC
- 7 Frequency Converters that manage 8 controlled movements
- Communication and data exchange via Ethercat
- Brush rotation via Frequency Converter
- Possibility of drying fans controlled by Frequency Converter



HYDROPNEUMATIC GROUP

New group consisting of high-tech solenoid valve islands directly controlled in Ethercat.

- Pneumatically water valves
- Pneumatic dosing pumps
- Modular chemical tanks 10 L (max n. 7)"



TOWING SYSTEM

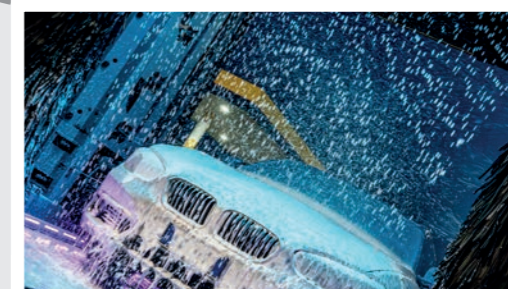
- New assembling system
- Weight supported by independent bearings and not by the gearbox
- Pendulum gerabox on rubber supports for a smooth, jerk-free movement and a long life
- Easy maintenance: 4 screws allow the removal and repositioning of the complete group



DRYING

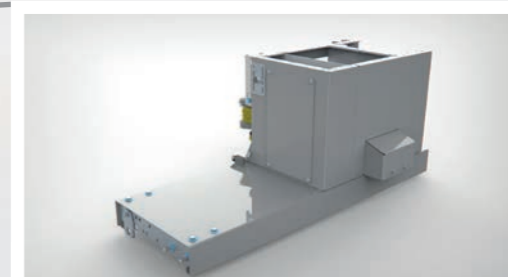
- New tilting blade
- 3 positions: -30°, 0°, +30°

PATENT PENDING



RAINFOAM KIT

The Rainfoam foam arch creates a sensory experience for washing your car. A shower of foam covers the car uniformly while waiting for the high-pressure wash. The multicolor led bar accompanies the entire pre-wash phase.



FOOT

- Dismountable foot
- Ease of transport
- Insertion into covered bays



STARGUIDE TUBES

Stainless steel wheel guide tubes with leds that facilitate movements during the vehicle positioning phase and accompany the entire washing cycle.

Technology as protagonist

PHOTOCELL BARRIER

- Pitch between rays of 40 mm
- Direct serial communication with PLC
- Data filtering logics for drop suppression integrated in the PLC
- More Possibilities of Diagnostic
- New design more light, practical and technological
- Transport without dismantling the barrier



SAFETY

- Front foot protection
- Rear foot protection
- Internal gantry anti-crash protection



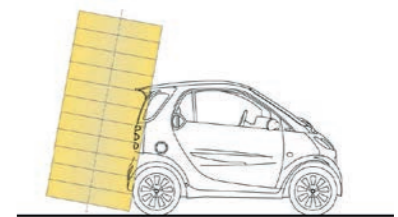
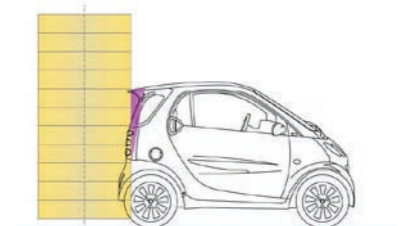
TRAFFIC LIGHTS

- Traffic light composed of multicolor led panels
- Possibility of 1 or 2 modules
- Possibility of writing AHEAD and BACK on 2 modules



VERTICAL BRUSHES FLEXUS ONE

- Vertical brushes inclination along the direction of travel
- Inclination: approximately 15° on rear of vehicle
- Pneumatic tilt
- Pneumatic tilting of the vertical brushes at the rear of the vehicle
- Washing Improved under spoiler and above bumper



PATENTED

CHEMICAL DISPENSING GROUP

- Double nozzles for front and back dispensing
- Excellent dispensing
- Openable support cover for easy maintenance



The gantry for those
who **love to choose**



AquaPay Self-Service Payment Systems

ACCEPTS

- Smart Coin Card
with value or program



- Banknotes,
coins and/or tokens



DISPENSES

- Receipts



- Smart Coin Card



- Coins and/or tokens



Control terminal designed for simple and intuitive use, made with material and finishes burglar-proof to make the Self-Service car wash operational 24 hours a day.

Possibility for the manager to configure each pass to create customized programs.

Possibility for the end customer to add any optional extras to the selected basic wash.



S4

S6

S7

S9

S10

S11

S111

MACHINE DIMENSIONS / Measurements in mm

WASHING HEIGHT	2.100	2.300	2.500	2.800
WORKING HEIGHT	2.975	3.140	3.340	3.640
RESTING HEIGHT	2.975	2.975	3.175	3.475
MACHINE HEIGHT WITH DISMANTLED FEET	2.330	2.330	2.530	2.830
MACHINE WIDTH	3.560 - 3.760*			
SPLASH GUARD WIDTH	3.880			
USEFUL PASSAGE WIDTH	2.520			
MACHINE DEPTH	2.160			
MACHINE WEIGHT	1.800	1.800	2.000	2.200
RAIL GAUGE	3.000 (2.700 - 2.800 - 2.854)			
RAIL LENGTH	10.000	10.000	10.000	12.000

* Wheel-well clearance

TECHNICAL DATA

WATER PRESSURE	Bar	3 - 5
AIR PRESSURE	Bar	8
VOLTAGE	Hz	400 3 / N / PE 50
TOTAL POWER	kW	10 (16)
CONTROL VOLTAGE	V (dc)	24
DRYING POWER	kW	2x3 roof + 2x4 side

The data provided is indicative and not binding.

**AQUARAMA Srl**

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