



Hyperion

Double gantry automatic washing system





Hyperion: the Sun in the car wash business

Hyperion is, in the Greek mythology, the titan father of the sun and is often identified with the sun itself. The term Hyperion is therefore associated to the most important star in the human experience, the star that brings light and life to our planet.

Its extreme brilliance makes every other celestial body invisible.

Hyperion is therefore an appropriate name to identify the new double gantry system that is taking a dominant position in the car wash market thanks to its technology, performance and image.

Top performance to maximize the profits

Ceccato Hyperion: the new reference in the evolution of the double gantry washing units.

With a strong appeal, and unbeatable in speed, efficiency, consumption and performance. Soft and gentle cleaning process, unimaginable until today.

Unique features and innovations granted by exclusive solutions.

- New sequential positioning lights: PASL .
- Patented sequence of the combined wash-dry cycle.
- Integrated control of the brushes and of the gantry movement, to give high washing speed, impressive soft wash and precision: VBC.
- Innovative "self-teaching" of the vehicle's profile.
- Exclusive programmable multicolour foam: MFS.



Hyperion advantages

Hyperion: the best partner

Thanks to the patented wash-dry sequence and the new VBC system, Hyperion is a top option in the modern car wash business.

Every machine detail is designed to achieve maximum performance in the shortest time.

This offers advantages that can be easily verified. Working with Hyperion means in fact idle times reduced to a minimum, quicker cycle operations, excellent results guaranteed and impressed Customers.

Only Hyperion can offer the best quality, using very few gantries runs to carry out a complete wash cycle, including foam / multicolour MFS / high pressure and robowash / wheel wash / overlapping / wax / rinse with osmotic water / TSD drying.

Hyperion was designed to meet the requirements of modern and advanced customers. The innovative concepts applied to control the movements of the gantries, brushes and the driving systems result in the best possible answer to all challenges related to washing any type of passenger car. The unmistakable design of Hyperion also contributes to the modern and winning image of your service area and wash bay.





VBC *Vectorial Brush Control*

VBC is the only control system in which the top brush can follow the contour of the car perfectly, including recesses and rear spoilers by brush lowering and gantry movement. The result is a substantial reduction of wash times, a better and constantly uniform pressure on all types of surface, with a **definitely superior wash quality**, compared to the other brush control systems in the market.

Your customer will certainly notice and appreciate the softness and smoothness of the wash process.

This innovative system completely changes the way of controlling the top brush currently used in the car wash industry, by introducing a new technique of **Vectorial and Continuous Brush Control**, which allows a complete and constant integration between gantry and top brush movements.





PASL traffic lights

Clear and intuitive signals

The innovative and exclusive PASL traffic light system (Progressive Arrow Signal Lamps, already a success on the Pegasus line) is equipped with three sets of two spotlights each, with high power LEDs that are turned on in sequence, allowing an easy positioning of the car.

Wash gantry in "stand-by": the bottom yellow spotlights flash in sequence producing a visual effect that invites to drive the vehicle into the wash bay.

Vehicle too far forward: the top yellow spotlights flash in sequence producing a visual effect that invites to move the vehicle backwards

Vehicle is correctly positioned: the two couples of red central spotlights remain on.





New features

“All around” high pressure in one gantry run

With the new modular control of the functionalities of the machine, it is possible to have different pump configurations and choose the most suitable performance level, also with high pressure wash in a single run.

Contour following prewash chemical application

The top prewash contour following arch will be tilted towards the vehicle's front and rear for more efficient application of emollient, thus reaching all important areas of the vehicle and avoiding waste of wash chemicals.

Innovative self-teaching system to memorise the vehicle's profile

During the drying phase, the top nozzle follows a course that is optimized for precision and speed. This result is obtained thanks to an innovative system of self-teaching that is based on a double acquisition of the vehicle's profile and on the continuous processing of the obtained data in every phase of the washing cycle.

Hot boiler system

The new boiler group delivers hot, lukewarm or cold water (selected according to the wash program) for wax or prewash chemical application. This allows to choose the preferred washing action and to vary it depending on the service sold.





Inclination of side brushes

The side brushes will be washing with two different inclinations: in the vertical position they apply more pressure on the vehicle's lower parts; when inclined, they improve the contact with the upper part of the side windows. This is very useful when washing vehicles with inclined outline, more and more increasing with the latest car models.

User friendly "UNIOP" operator keyboard as standard supply

The UNIOP operator keyboard is a standard feature on all Hyperion machines. Easy management and a number of new functions are now possible with the new software system.





MFS MulticolorFoamStripes

Absolute innovation in the car wash business: it is a multicolour foam application system that enables you to obtain a real 'graphical effect'.

By mixing, in variable proportions, basic colour foaming agents, the system can generate a virtually unlimited range of colours.

The "colour effects" can be programmed and customized (flags, rainbow, favorite team, etc.).





Self-service payment systems

CompuWash MK4

The device includes a main unit with printer to be installed in the car wash kiosk and a terminal where the customer must digit a code. Upon request of a specific wash program, a random number will be printed by the main unit. By entering this code on the terminal, the previously selected and paid wash program will be carried out. The system can manage the whole car wash sale operation, including promotional sales, happy hours, organized by working shifts.

Five-programs payment station

The station is available in two different configurations, with one or more payment systems. Depending on the station configuration, the washing unit can be activated:

a) with banknotes, coins or tokens, by introducing the correct amount to cover the price of the required wash program

b) with banknotes, coins, tokens or an electronic key that was previously charged through the banknote, coins or token acceptor.

Magnetic card reader

Card reading device accepting single-program or multiple-program wash cards.

Standard card reader with 8 wash programs

Operated with single-program cards. Very reliable and easy to operate.

Six-programs payment station

Operated with tokens and coins.





Options

Colours

Frame: standard white RAL 7035

Claddings and brushes: red claddings RAL 3002 with red-white brushes, blue claddings RAL 5002 with blue or rainbow brushes

Brushes

Standard brushes: of polyethylene, star section
Foam Touch, Textile and other brush types, available upon request

High pressure and medium pressure prewash systems

All around high pressure in one gantry run

All around high pressure in two runs

Side high pressure in one run

Side and top medium pressure

Robowash, stand-alone or in combination with any of the above cycles

Self-service payment systems

CompuWash MK4

Banknotes, tokens and key readers

Standard card reader

Magnetic card reader

Six-programs payment station





Special car care applications

Side prewash cleaner
Top prewash cleaner (tilting front/rear)
Multicolor programmable foam (MFS)
Active foam (white)
Foam wax
Superwax – Additional wax
Hard Polish
Sonax Polish
Wheel cleaner
Hot prewash cleaner – Hot wax (boiler)
Osmose water rinse

Further options

Standard red-yellow-green LED traffic lights system in alternative to Sequential PASL lights
Digital display
Side splash guards (coloured or transparent)
Wheel guides
Start board
Wheel wash
Underchassis wash
Centralized manual lubrication
Automatic frost protection
Remote diagnostic via WEB or SMS





Ceccato. Distribution and service.

CECCATO is today one of the world leading manufacturers of vehicle washing equipment, with presence in over 60 countries in the world. With a wide distribution network we closely support our customers and we assist them globally, from project analysis to machine definition, to final installation and business start up. The after sale organisation is specialized in CECCATO technology and in assuring the quality standards and response timing established by Headquarters.

