



EN



HYDRUS TECH 2.0

TOP-QUALITY PERFORMANCE



I chose Ceccato,
the reliability
of an Italian company.



**RATIONAL
INVESTMENT**



**CUSTOMISED
PERFORMANCE**



**TOTAL
RELIABILITY**

NEW **HYDRUS TECH** LAYOUT AND TECHNOLOGY EVOLUTION FOR A HIGH- PERFORMANCE RANGE

Hydrus Tech, the signature product in our range of rollover units. A system featuring reliability and functionality, in the face of a reasoned investment, will allow you to make the most of its operational potential.

Hydrus Tech has now undergone major technological and design upgrades.

From a technological point of view, the upgraded software and introduction of a new functional unit, like the Power Ultra high pressure unit, guarantee undeniable washing results.

In terms of design, the Virtual Led and stainless steel versions showcase the most on-trend and up-to-date models currently available in the carwash world.





REMOTE MONITORING AND CONTROL

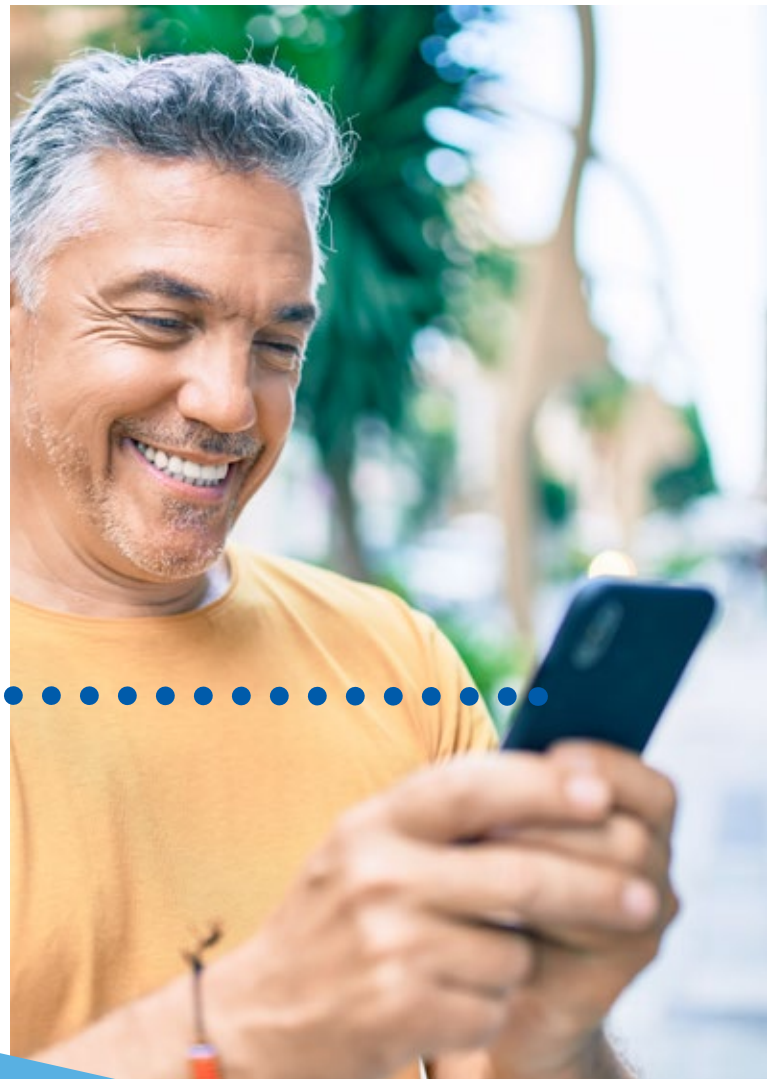
Hydrus offers a secure and reliable connection to remotely control all operations.

The system data, daily reports and operational status will always be made available for simple and clear consultation.

QUICK AND EASY PROGRAMMING

Easily create and configure the washing programs to meet your practical and commercial needs with no programming experience required. Customise your system to offer the very best service conditions tailored to your customer base. All this is possible via the Hydrus operating panel.

connectivity
and programming





Hydrus in action

The main operating units perform the pre-wash, wash and drying cycles in a sequence of movements and time frames optimised to guarantee a perfect result and total customer satisfaction.

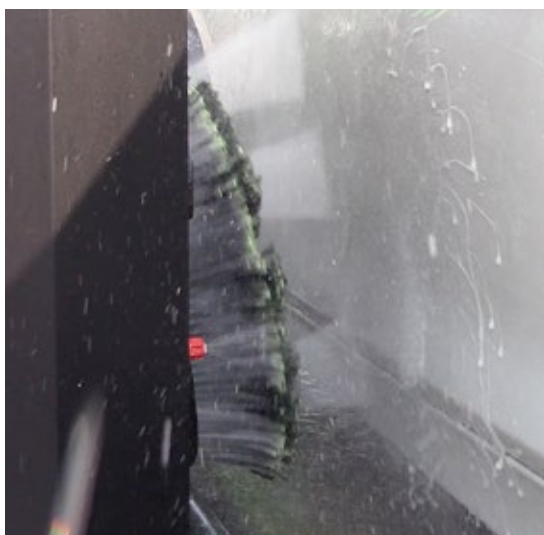




Wheel Master is the system for washing wheels, sides and all the lower parts of vehicles. Fitted with three high-pressure nozzles (one dedicated to the upper parts) in an ideal balance of power and delicacy, Wheel Master is highly efficient even in areas that are hard to access.

Made entirely of stainless steel, it can be used in different combinations: for dispensing detergent only, for high pressure only, for brush wash only or a combination of these functions.

WHEEL MASTER HP



This touchless device works without coming into contact with the vehicle, using high-pressure inclined rotating nozzles at 70 bar. The use of an emollient and the smart programming of the dispensing/reaction times means even the most stubborn dirt can be removed.

FREETOUCH HP



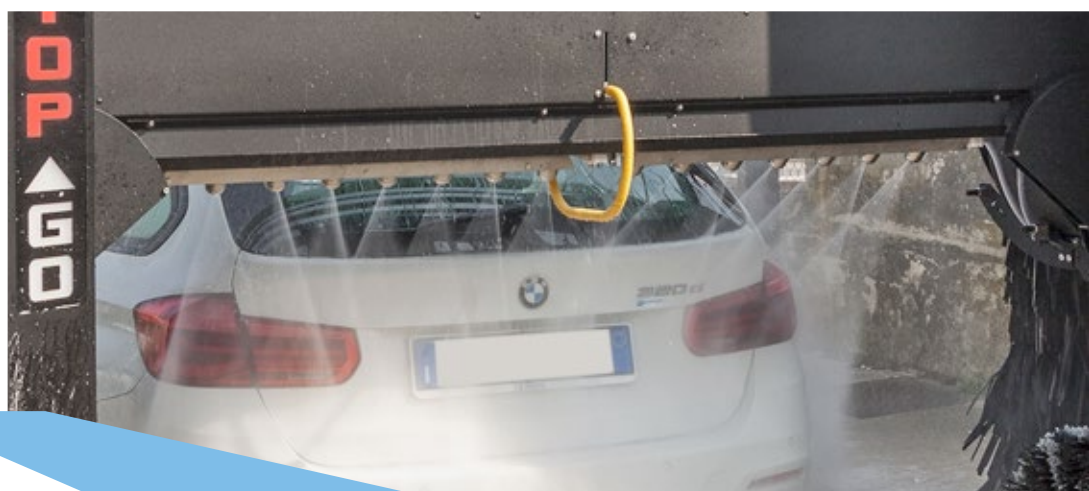
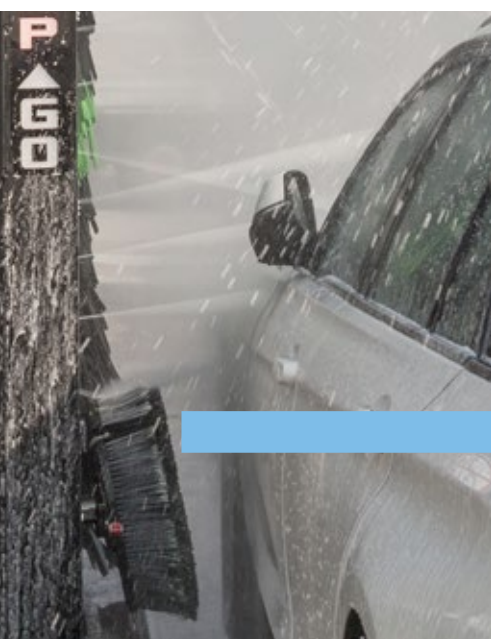
Optimal result

An unprecedented washing force. Featuring up to 16 Hydraflex rotating nozzles (in the 270 model) on the horizontal device and 16 vertical nozzles (8 per side), it is one of the most comprehensively equipped high-pressure systems in the carwash sector.

Power Tech Ultra allows you perform highly efficient washing cycles, even without using brushes, to meet the requirements of customers who are still sceptical about washing their vehicles under brushes.

POWER TECH ULTRA HP

The most advanced model on the market





This high-pressure system is also mounted on the horizontal dryer system. Designed with fixed nozzles, it follows the vehicle's contour, tilting in multiple positions so it always stays perpendicular to the bodywork for greater efficiency.

The system is completed by the fixed lateral high-pressure system.

HP PREMIUM

There are two rain foam or wall foam arch models available.

A cascade of foam lit up by LED lights conjures up a light show on the car covering it in dense foam, enhancing the action of the brushes and/or combining with the emollient for deep-down and, above all, spectacular cleaning.



ARCHI SCHIUMA RAIN FOAM - PRE FOAM



Foam Tech, our range of brushes designed and developed to obtain the very best performance for your car wash.

Innovative features for superb results in every respect.

Softness and efficiency

Intensity and care for the bodywork are the key features of the Foam Tech brushes, guaranteeing an ultra-efficient action whilst taking extra-special care of the car's paintwork.

CECCATO FOAM TECH BRUSHES

Designed for top performance

FOAM TECH SHAPE

Brushes that can reach the difficult areas, hugging the oval shapes of modern-day vehicles without pressing too hard. The contouring is obtained by connections made at strategic points.



FOAM TECH FULL TOUCH

The asymmetrical layout of the strips has made it possible to cover a greater and wider-ranging area in the final part that comes into contact with the vehicle, thus avoiding the phenomenon of terminal overlapping.



FOAM TECH TESSILE

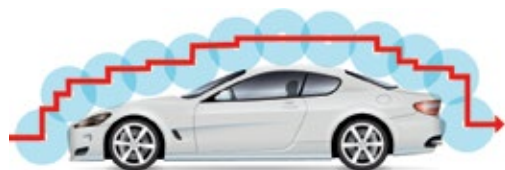
Fabric inserts have been included in the lower part of the vertical strips which clean more efficiently thanks to their friction on the vehicle.



The smart brush unit guarantees a delicate, yet highly effective action on every curve of the bodywork. Thanks to the Profile Control Tech, the profile of the vehicle is followed in detail, resulting in a more fluid washing action that significantly improves the washing quality and cuts down on washing times. Perfect brush contact is ensured even at high speeds through the use of INVERTERS.

BRUSH UNIT

CONTROL TECH PROFILE



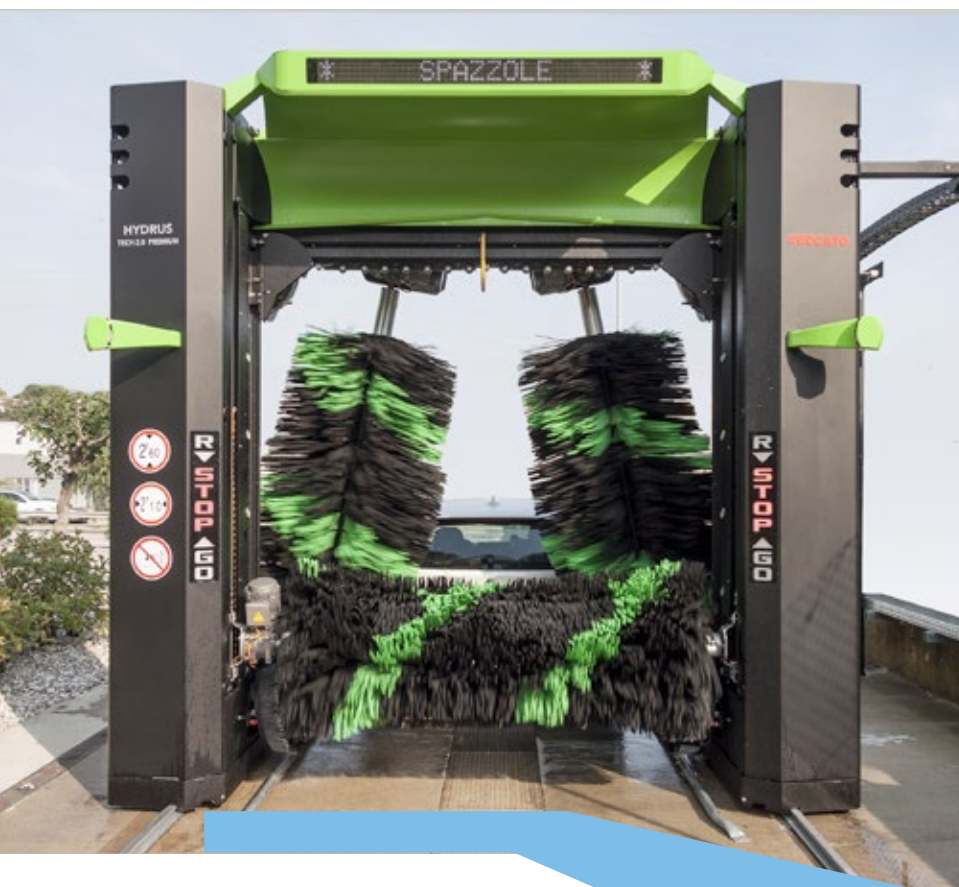
Profile control by step
with oscillating deep clean



Continuous profile control
with constant deep clean

SHAPE FIT SYSTEM

This system can penetrate those awkward spots that are difficult to reach in the bodywork thanks to the bidirectional inclination of the brushes (in the gantry travel direction and sideways to the same direction). This significantly improves the quality of washing in the rear and front of vehicles fitted with spoilers and with out-of-the-ordinary shapes.





The drying unit used in the Premium version stems from targeted studies resulting in exclusive systems like TSD, Ceccato's solution to eliminate the "dead spots" during the typical stages of drying: where the regular intersection of vertical and horizontal currents tends to create a vortex making drying less consistent.

TSD positions itself between the two currents, eliminating the vortex for impeccable vehicle drying.

DRYING

Perfect for any vehicle shape

The horizontal device accurately follows the contour of the vehicle. The air flow is directed towards the bodywork by an asymmetrical deflector which changes direction according to the different angled surfaces that it encounters: front, windscreen, roof, back window and rear of the vehicle.

Lateral drying runs up the full height of the vehicle and has been further improved, now featuring increased motor power and a noticeably quieter performance.

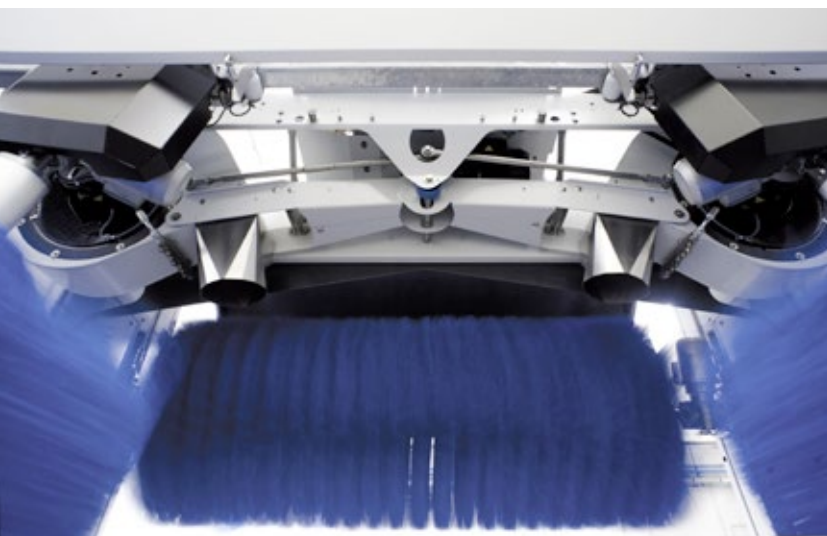


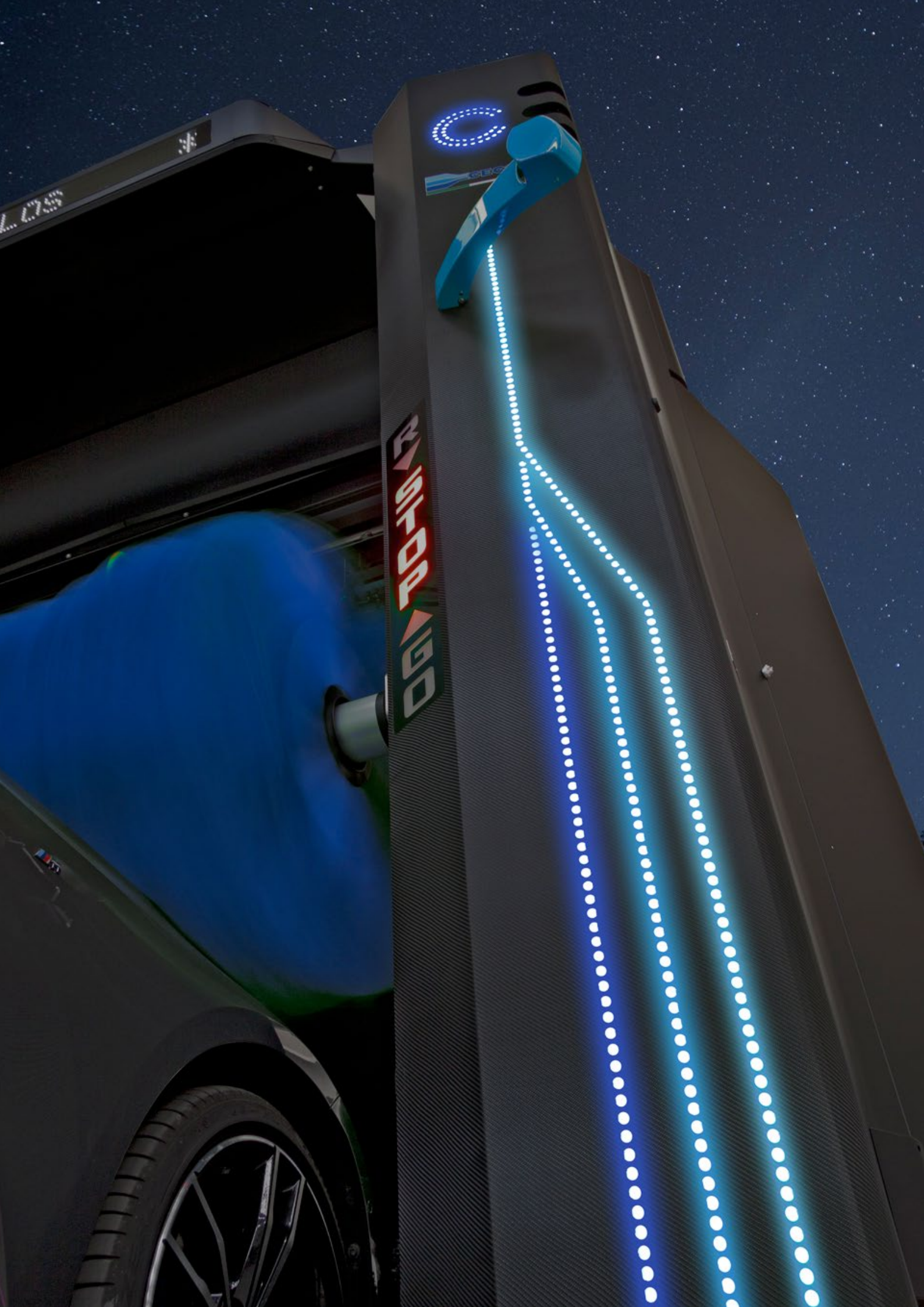


The Air Plus model offers a valid alternative to the contour dryer system through high-pressure nozzles and air fans located on the upper part of the system which alternate between dispensing water and air

HYDRUS AIR PLUS

The fans generate oscillating air flows with an elliptical trajectory that covers the entire vehicle, enhancing the natural flow of the water and channelling it towards the drainage points which guarantees perfect drying. The combined, synchronised action of the rotation/sideways movements and the option of customising speed determine an efficient, safe and highly-appreciated washing/drying system.





RECO

OGI POWER

LOS

New Hydrus Virtual Led combines the tried and tested excellent operating functions with the new spectacular multicolour LED light system.

The fully customisable system offers an infinite number of colours to obtain any colour combination. Each LED light strip can be managed independently. The result is guaranteed to capture the customer's attention with its highly visual impact.

Hydrus Virtual led is available in all the Hydrus Tech colour customisations.



HYDRUS VIRTUAL LED

light takes centre stage





In this version, Hydrus is showcased with its components in AISI 304 stainless steel. Cladding, coating, doors and fronts with added visual appeal whilst guaranteeing maximum protection from the weather and great durability.



HYDRUS INOX

hard-wearing steel





The new LED light wheel guides provide a spectacular layout which can be easily introduced into the car wash area.

The colour changes to signal to the user that the vehicle is correctly positioned.

When the system is at a standstill, the LED lights alternate in a multicolour eye-catching sequence.

LED LIGHT WHEEL GUIDES

The entire set of components which makes up the car wash pumping system is assembled in-house with the goal of occupying as little space as possible.

This means significantly reducing the time it takes to install and adapt the area dedicated to the washing system.



HP PUMP RACK

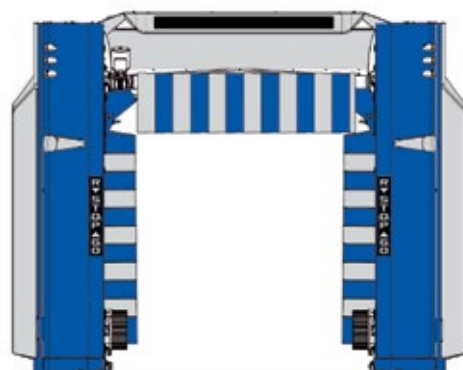
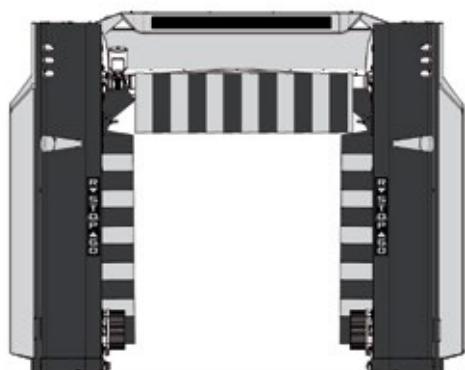
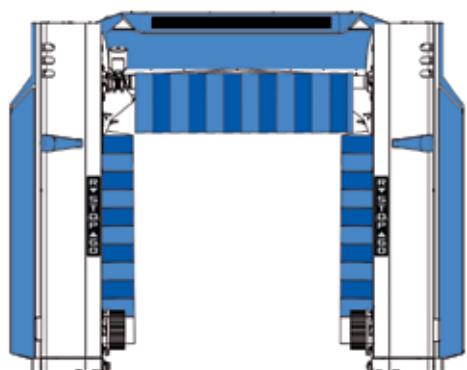


CATERPILLAR TRACK MOUNTED ON POSTS

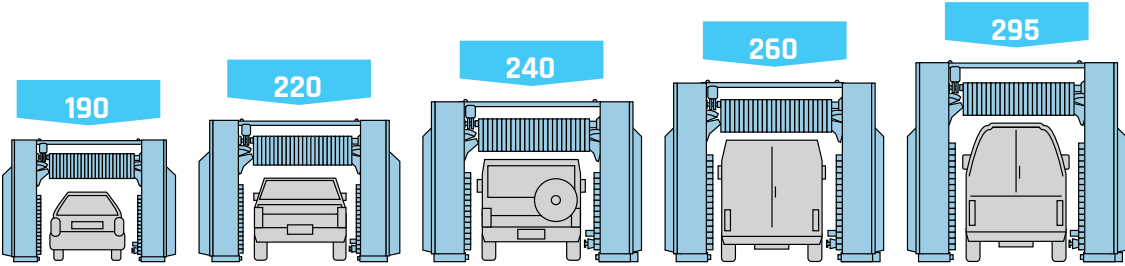
For optimal supply to all the utilities required.

Wall-mounted model also available.

CONFIGURATION EXAMPLES OF COLOUR COMBINATIONS AVAILABLE

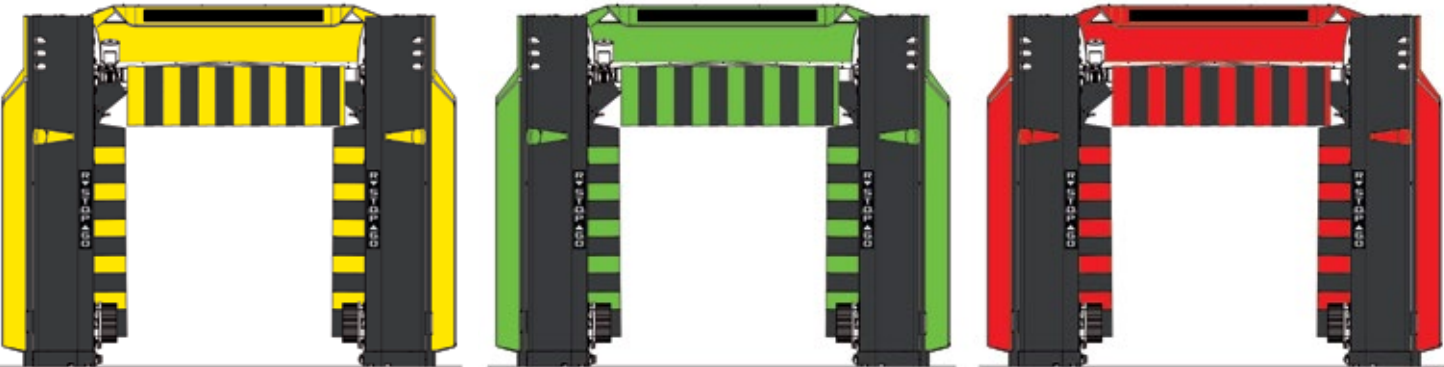


TECHNICAL DATA AND FEATURES



	HYDRUS TECH STANDARD				HYDRUS TECH LARGE			
MODEL	190	220	240	260	220 L	240 L	260 L	295 L
SYSTEM WIDTH	3990 (including spray guards)				4290 (including spray guards)			
SYSTEM LENGTH	2210 with rotating brushes and display				2210 with rotating brushes and display			
SYSTEM HEIGHT	2895	3140	3230	3490	3140	3230	3490	3830
MAX CLEARANCE WIDTH	2400				2700			
MAX VEHICLE WIDTH	2100				2400			
MAX VEHICLE CLEARANCE HEIGHT	1850	2150	2350	2550	2150	2350	2550	2880

TECHNICAL FEATURES		
POWER SUPPLY VOLTAGE		400 V + 10% V 50Hz/60Hz
MAXIMUM ABSORBED POWER (Not including the power required for the light panel, pumps and other miscellaneous devices)	mod. 220-240-260	14.5 Kw (20.5 Kw with boiler)
	mod. 295	17.5 Kw (23.5 Kw with boiler)
WATER CONSUMPTION PER CYCLE		200/250 l
COMPRESSED AIR (compressor recommended)		270 l 3 Kw
AVERAGE CONSUMPTION PER CYCLE (4.5-m-long vehicle at a temperature of 10-12 °C)	Softener	20-30 ml
	Wheel detergent	20-30 ml
	Foam Shampoo	10-20 ml
	Brush shampoo	5 ml
	Wax Plus	20-25 ml
	Polish	30-35 ml



Ceccato

for over 60 years
global partner
in the carwash world



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