

# HYDRUS TECH 2.0



The real essence of excellence



## FLEXIBLE, GREEN, SIMPLE. HYDRUS TECH 2.0: THE REAL ESSENCE OF EXCELLENCE



Colour touch screen  
interface



App on mobile or tablet  
for remote monitoring



Integrated ADSL  
connection

### THE DESIGN SOLID AND COMPACT



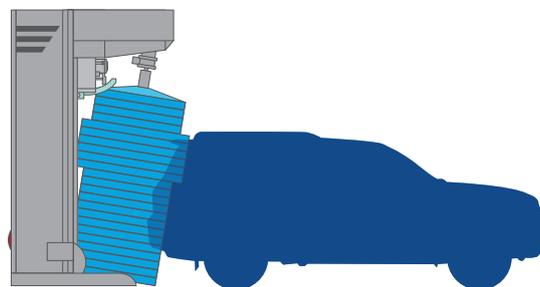
The solid structure and the reliability of the Hydrus Tech is mainly thanks to the development of the machine **without the use of welding in assembly.**

For a compact, robust system, with a functional and minimalist yet distinctive design.

### SHAPE FIT SYSTEM

**NEW**

Shape Fit System has been developed in order to **reach the spots that in the past were impossible to reach** (under the spoilers, and very angled back windshields). Thanks to the inclination of the vertical brushes, not only outwards, but even towards the front of the car, **the washing result even with very inclined back windshields is guaranteed.**



#### WASHING PERFORMANCE HYDRUS TECH 2.0

**PREMIUM**

**AIR PLUS**

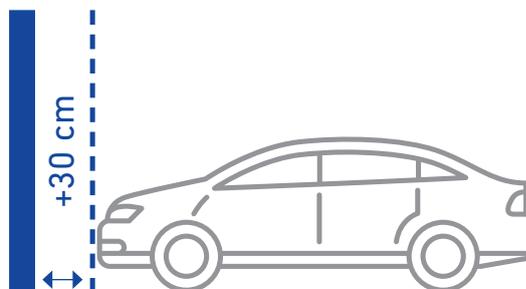
Profitable starting from

**450 washes/month until 1400 washes/month**

## COMPACT DIMENSIONS GREAT PERFORMANCE IN NARROW SPACE

The compact dimensions of the machine enables the **optimization of the spaces** in the washing bays and facilitate the **installation in narrow or pre-existing sites**: thanks to the bending foam arms, the space can be reduced by 30 cm more.

The version LARGE is ideal for bigger cars, for example SUVs who need wider space, especially with open side mirrors.



## THE NEW TOP DISPLAY CLEAR AND SIMPLE

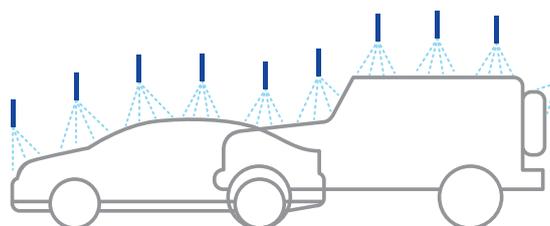
The **LED frontal display** shows all the washing phases of the washing cycle; it can show promotions chosen by the owner of the carwash station, and it shows useful information in case the machine would be left operating in self-service.



The **display on the columns** of the machine adopts backlit icons to easily drive the client exactly in position to start the washing cycle.

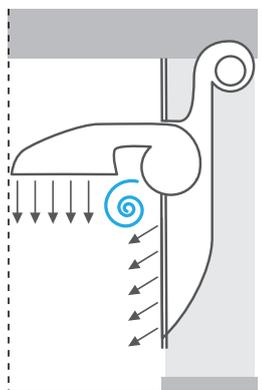
## PREMIUM VERSION CONTOURING THE VEHICLE

This version is characterized by the **horizontal high pressure**, wash and drying phases being contoured on the car. The water jets and the air flows are directed by an **asymmetrical deflector to be able to perfectly follow the vehicle's shape** also in the front and in the back of the car.

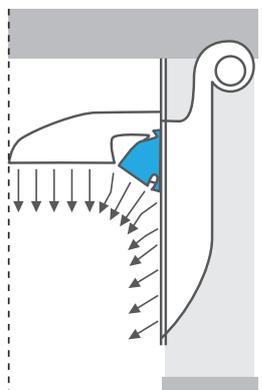


## TSD TURBO SYDE DRYER STANDARD FIRST DEGREE DRYING SYSTEM

TSD: the solution to the "dead spot" in the typical drying phases: in fact, with the conventional dryers, the flows crossing between the side and top dryers create a vortex in the middle letting some air flow to dissolve before touching the car.



Without TSD



With TSD



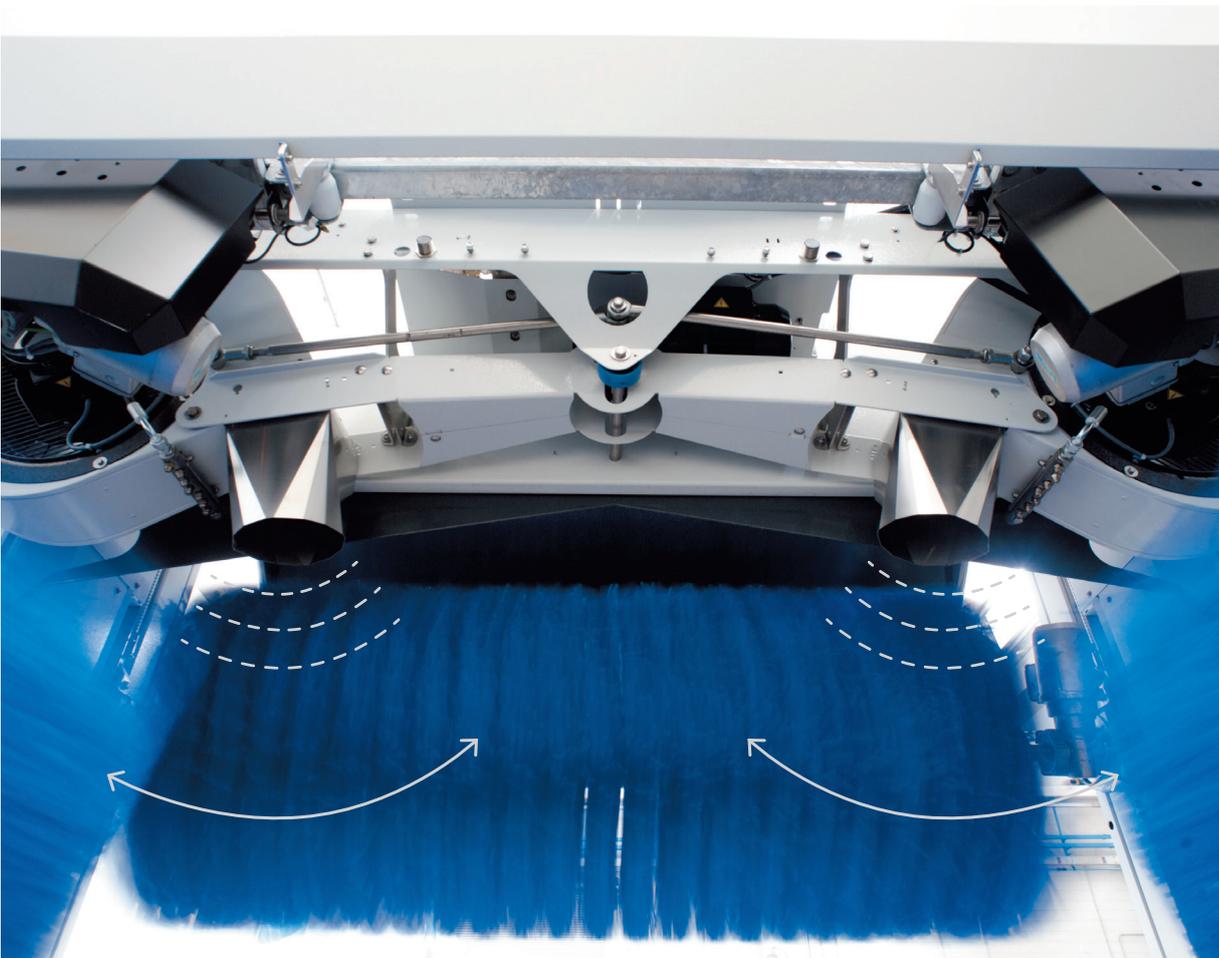
Vertical dryers full height

TSD is built to **eliminate the vortex and the dispersion of air flow**. The drying result becomes a lot more accurate. The full height lateral dryers have been improved by **reducing significantly the acoustic impact**.

## AIR PLUS VERSION SYNCHRONOUS MOVEMENT AS ADDED VALUE

The **rotation of the water and air** supply systems is the winning solution to improve the washing and drying results.

The high pressure sprayed with a **synchronous movement**, not only gives the client a marvelous perception of quality.



The top dryers generate **oscillating air flows with an elliptical trajectory** optimal for the natural flow of the water on the car and so down on the ground: this guarantees a great combination between wash and dry.

The **combined and synchronized action of the rotation/translation** and the possibility to **customize the speed** of the air plus system, determine an effective, safe and appreciated washing/drying result.

AIR PLUS VERSION

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## WHEEL MASTER POWER AND LIGHT TOUCH



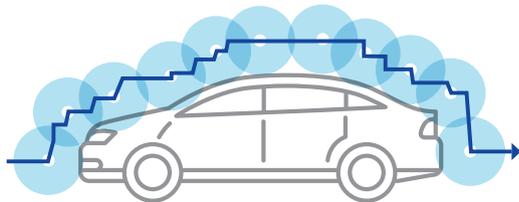
**The Wheel Master** is developed to wash the wheels, the side of the car and all lower parts of the vehicles. Operated by **two high pressure nozzles**, thanks to a great combination between power of the high pressure and the softness of the brush, Wheel Master guarantees an **excellent washing result even in difficult spots**.

**Completely designed in stainless steel**, Wheel Master supports **different combinations**: only detergent supply, only high pressure, only brushes, or a combination of those.

The rim chemical is sprayed with the same nozzles of the high pressure resulting on a more accurate delivering of the chemical on the rim.

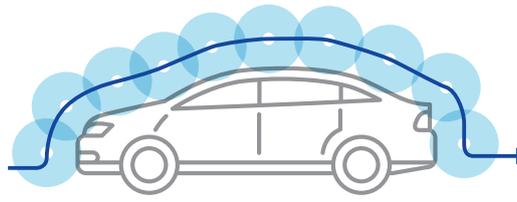


## PROFILE CONTROL TECH SENSITIVE INTELLIGENCE



1 sec 56 sec

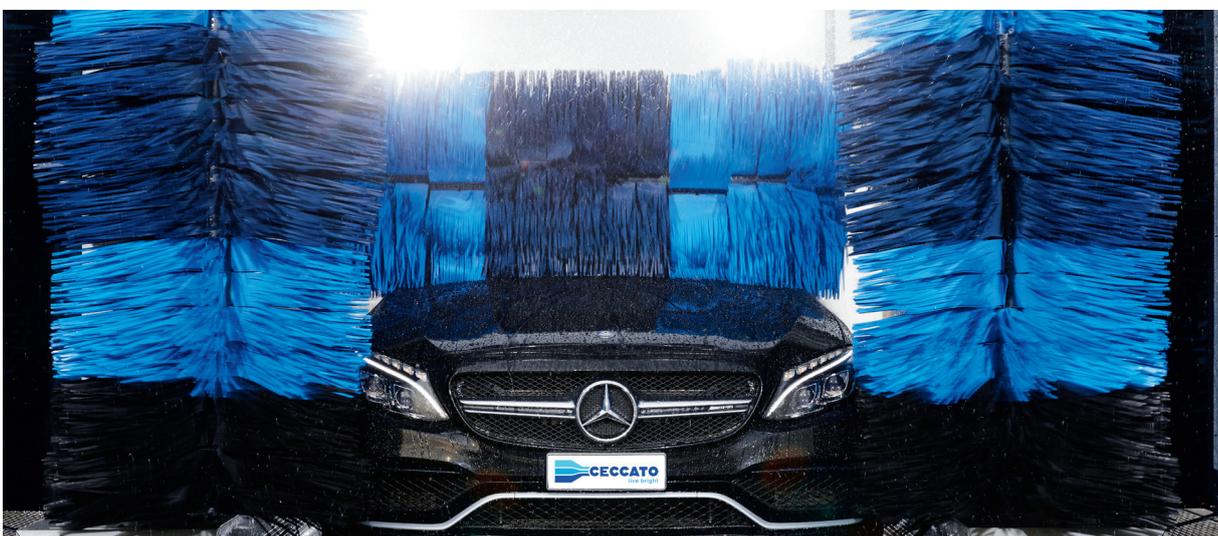
Discontinued contour with  
oscillating brush pressure



1 sec 40 sec

Continued contour "Vector Plus" with  
continuous brush pressure

In the Hydrus Tech 2.0 a **Profile Control Tech** has been implemented as a standard feature: the profile of the vehicle is contoured in detail. The result is a more accurate washing quality with the combination of the reduced washing time mainly thanks to the introduction of INVERTERS for the control of the brushes. The delicate touch of the brushes is guaranteed even at high speeds.



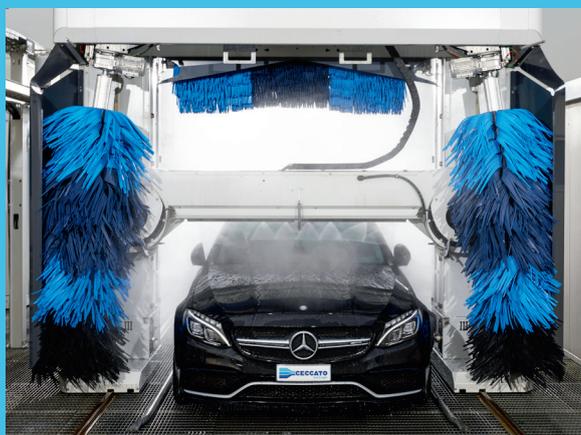
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## UP TO NINE CHEMICALS FOR THE CARE OF YOUR VEHICLE



### PRE-WASHING: THE EMOLLIENT MAXIMUM CAR CARE

Optional is the possibility to **set the emollient**, supplied by a dedicated arch for a better pre-wash preparation. **The emollients can be supplied hot or cold, foamed or a combination of those.**



### HIGH PRESSURE WATER FLOWS FOR THE HEAVY DIRT

To prepare the car before the brushing phase, the machine can make a **high or medium pressure pre-wash**. The high pressure helps to remove the heavy dirt even on hidden spots.



### PRE FOAM PREVENTIVE PROTECTION

Ceccato intuition is the **simultaneous supply of foamed shampoo during the brushing phase**.

A simple and effective way to guarantee **accuracy and softness** in the washing phase. The perception of the client is quality, while the foam is massaged on the car by the brushes.

## COLOURED WATERFOAM

NEW

A LED foamed waterfall creates a modern futuristic effect on the car. The thick foam covers completely the vehicle giving a scenic look especially thanks to the customizable colored LED.

The foam operates as a shampoo before the brushing phase.



## POLISH ATOMIZED OR FOAMED

The polishing can be done by a atomized or foamed product. **The atomized polish** is supplied with air creating a nebulized cloud covering completely the car. This system is usually more convenient to be used with machines installed in halls.

**The foamed polish**, not sensible to the wind, sun or other atmospheric conditions, does not need a pre-drying phase like the atomized polish. The foam polish can be supplied even on the first brushing run resulting on only two brushing runs needed for polish instead of four standard ones.

This system synthesizes car care accuracy and time optimization.



## LED WHEELGUIDES

NEW

For a fast and intuitive positioning of the vehicle and for a modern scenic effect.



## COMPACT HIGH PRESSURE PUMPS ADDED VALUE

The high pressure pumps are built in a rack **assembled in the factory**, with the goal to **minimize space** and giving a nice look not only to the machine.

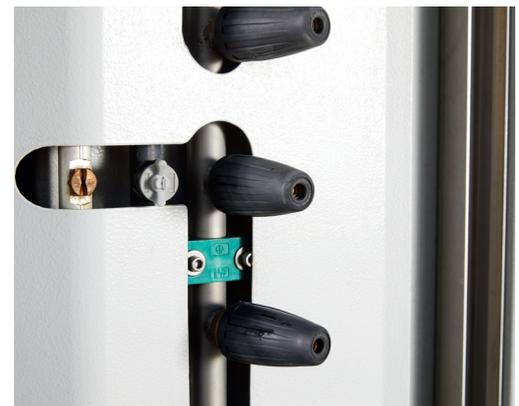
This rack reduces installation time and saves space for other tools in the technical room.



Free Touch pump rack example

## FREETOUCH THE EVOLUTION OF THE REAL TOUCH-LESS THE PAST HAS BECOME THE FUTURE

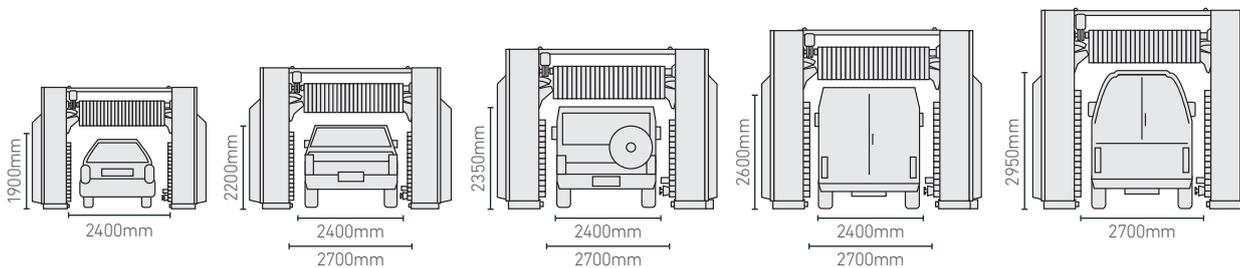
**Inclined rotating nozzles** working at 70 bar covering all the surface of the car in order to **guarantee a very good washing result** even without the brushes. **The supply of two emollients** (acid/alkaline) and an excellent programming of the supply/reaction of the emollients, enables to **remove the very heavy dirt on the vehicle**. Possibility also to install a high pressure wheelwasher without brush or the traditional wheelmaster.



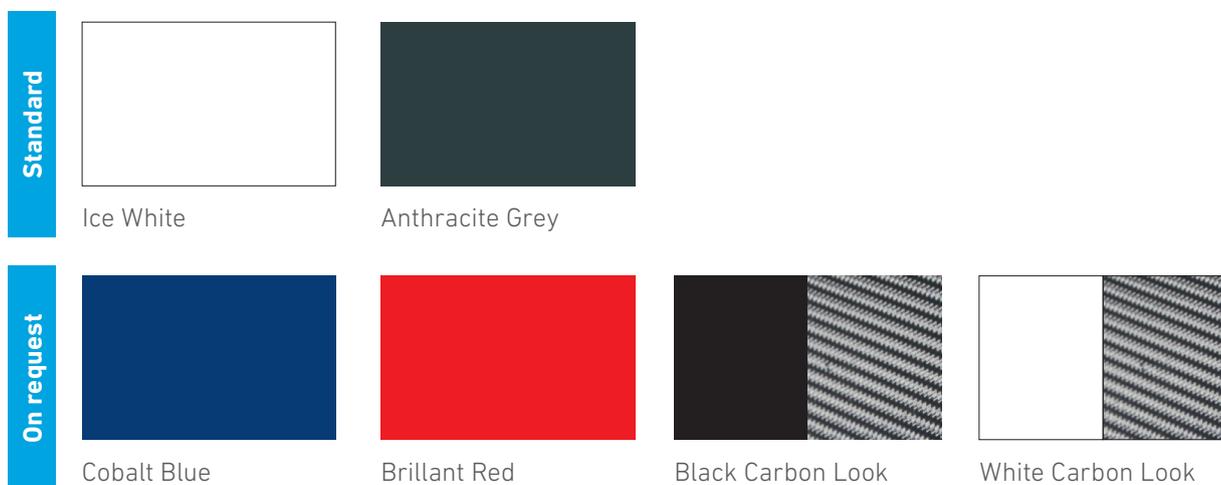
## MACHINE DIMENSIONS TECHNICAL DATA

	HYDRUS TECH STD				HYDRUS TECH LARGE			
	mod. 190	mod. 220	mod. 240	mod. 260	mod. 220	mod. 240	mod. 260	mod. 295
Machine width	3990 (including splashguards)				4290 (including splashguards)			
Machine length	2210 with brushes and display				2210 with brushes and display			
Machine height	2830	3065	3215	3430	3065	3215	3430	3780
Max passing width	2400				2700			
Max vehicle width	2100				2400			
Max vehicle passing height	1900	2200	2350	2600	2200	2350	2600	2950

## DRIVE THROUGH DIMENSIONS



## AVAILABLE COLOURS



Beside the regular range of colours available on request, it's possible to customize Hydrus Tech 2.0 with other on request colours (to be chosen within the RAL range of colours approved).



Technical data are subject to variations; the Manufacturer reserves the right to update the documentation, without any obligation to inform the customer about the changes. Pictures are not binding – for information only – subject to technical changes without prior notice.

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