

Technical features

.The unit can be equipped with following types of brushes:	
.polyethylene	.fil-Ok
.foam touch	.textile

Overall dimensions (mm)			
	Mod.220	Mod.240	Mod.295
Unit width		4065 / 4365*	
Unit length		2055	
Unit height	2980	3215	3815
Distance between rails		2500 / 2800*	
Max. vehicle width		2100 / 2400*	
Drive-through width		2400 / 2700*	
Drive-through height	2250	2400	2950
Max. washing height	2200	2370	2950
Max. vehicle length		5300**	
Drive-through with at wheel wash height		2050 / 2340*	
Length of standard rails		9000	

* the second figure refers to the models Hydrus 240L, 220L, 295L

** machine equipped with standard rails, 9 m long

Technical data			
	Mod.220	Mod.240	Mod.295
Power supply (V)	230 ± 10% (400 ± 10%) = see data plate		
Max. absorbed power (kW)		12**	
Installed power (kW)		18**	
Frequency (Hz)		50 / 60	
Total weight (Kg)		1600 / 1700	

** not included the power needed for: text display, pumps and other accessories

The power consumptions include:	
Fresh water supply pump	1,5 kW
Recycled water supply pump	1,5 kW
Robowash feeding pump	5,5 kW
Side arches high pressure wash feeding pump	7,5 kW
Top arch high pressure wash feeding pump	7,5 kW

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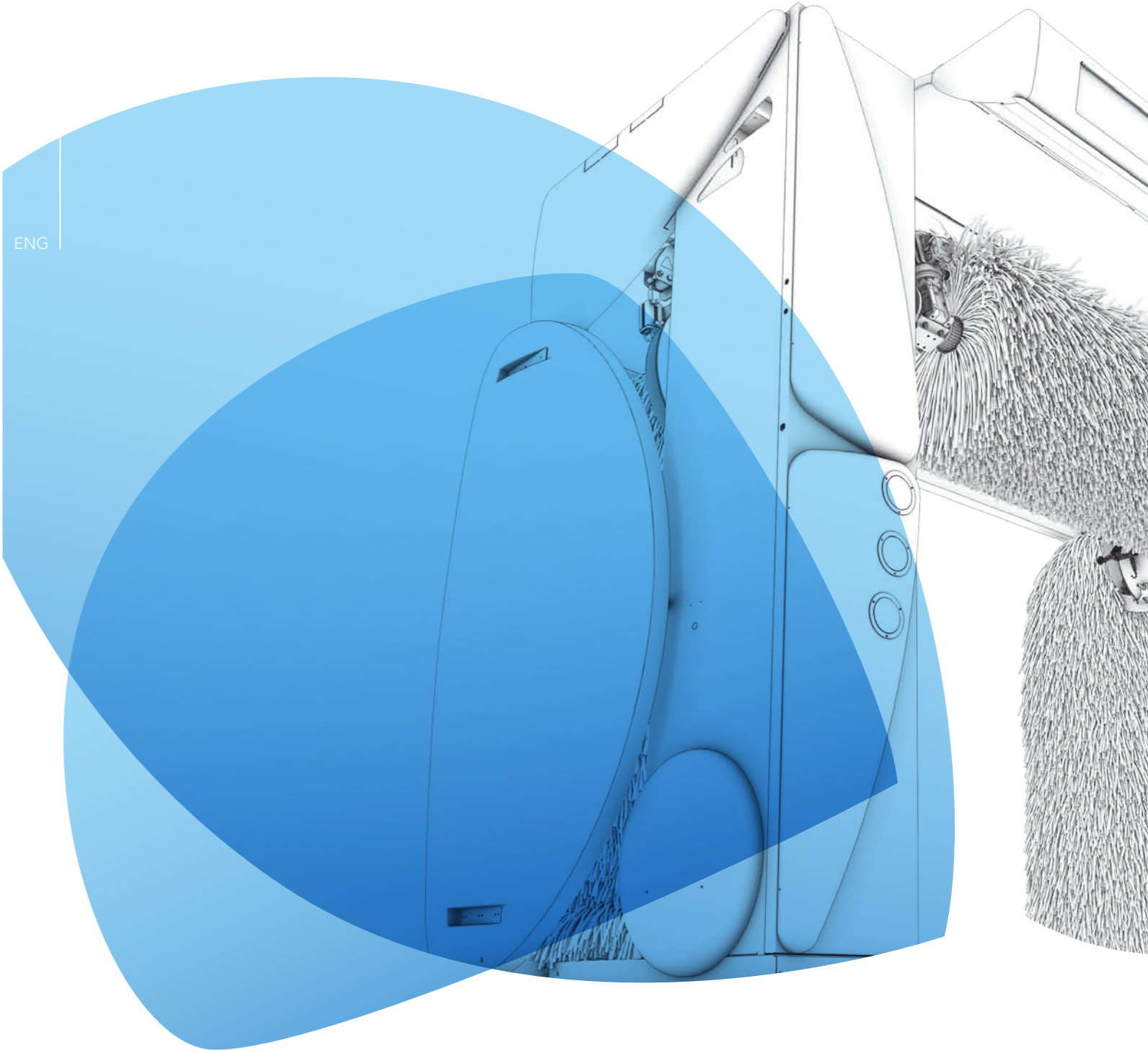
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HYDRUS

PROFILE | AIR PLUS

TECHNICAL FEATURES





Main features

- .Traffic light system
 - .to guide the car wash user during the positioning of his vehicle, a system with three highluminosity LED lamps is fitted on the front cladding of the washing unit
- .Electronic control of the brushes
 - .the brushes are electronically controlled. Thank to an inverter device, the top brush and the top dryer movements are very soft and they can therefore follow the profile of the vehicle in a verysmooth, precise and accurate way
- .Overlapping system
 - .when in operation, the side brushes carry out a sequence of movements called overlapping. The washing action will be repeated several times on the front and rear parts of the vehicle (generally the dirtiest ones) in order to reach and perfectly clean also the centre line, eliminating the shadow zone that remains when washing with traditional systems
- .Hot dip galvanised and painted gantry frame
- .Double hydraulic circuit, for fresh and recycled water

Main options

- .Short-track device
 - .through the installation of the short-track device the washing length can be increased by 1300 mm in relation to the standard machine
 - .a 6600 mm long vehicle can be washed, using standard length rails

.Pick-up washing program, with manual selection	.Side pre wash cleaner
.Wheel wash	.Wheel rims cleaner
.Wheel rims wash, cleaning products and cycles	.Possibility to use osmotic water
.Robowash	.High washing flexibility, to cope with different vehicle shapes
.Operator’s Panel with LCD display	.Centralised lubrication system, manually operated
.Choice of High or Medium pressure wash: vertical (sides only) or all-around	

The HYDRUS range of washing gantries is available in two versions:

PROFILE and AIR PLUS

HYDRUS PROFILE

Main features

Outstanding feature of the model Profile is the horizontal contour following crossbeam that carries the high pressure pre wash arches and the drying system.

- .Pre wash system
 - .to prepare the vehicle for the successive wash, the machine can carry out (depending on the program) a pre wash operation, delivering a specific cleaner and rinsing at medium or high pressure
- .Pre-foam
 - .distribution of foam in front of the brushes in the same gantry run is a specific feature of the Ceccato units, the first to use this system in order to assure a better car body care
 - .the visual effect is important and the customer can appreciate that his car is being washed with a good cleaning product
 - .a lower and muffled sound of the brushes during the wash indicates that the cleaning action is more soft and delicate
- .Contour following top high pressure wash
 - .during high pressure wash, the top crossbeam follows the vehicle profile and remains very close to the surface in order to guarantee the powerful and controlled mechanical cleaning action of the water jets
 - .the movements of the directional high pressure water jets, are providing the same accurate cleaning action along the whole vehicle profile, including the front and rear parts
- .Contour following top drying system
 - .the air flow coming out from the top nozzle is directed towards the front and rear parts of the vehicle, thus granting the best drying result

HYDRUS AIR PLUS

Main features

A patented mechanical system, featuring a combination of rotating and oscillating movements, is used for the high pressure wash as well as for the top drying. The special zero degree spray angle nozzles of the high pressure system guarantee a very effective working pressure on the whole surface of the vehicle.

- .Pre wash system
 - .the high pressure washing device is mounted on mobile oscillating plates
 - .a very accurate and intense wash is obtained through the fast conical or oscillatory movement of the powerful high pressure water jets
- .Drying
 - .the drying blowers are mounted on the same mobile plates of the pre wash system. The air flows generated by the fans are therefore oscillating and are characterised by the displacement of a high air volume and by a rotation movement which extends the drying action on the whole surface of the vehicle
 - .both air flows oscillate together with a synchronous movement and their rotation speed is in relation to the gantry translation speed. Rotation speed and gantry movements are controlled and reduced in order to achieve the best results on the front and rear parts of the vehicle