

SELF-SERVICE BAYS



Efficient and Easy to use

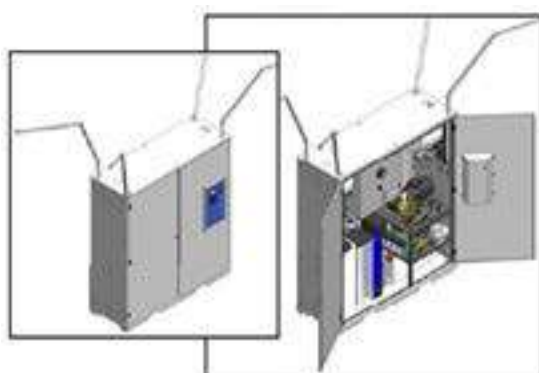
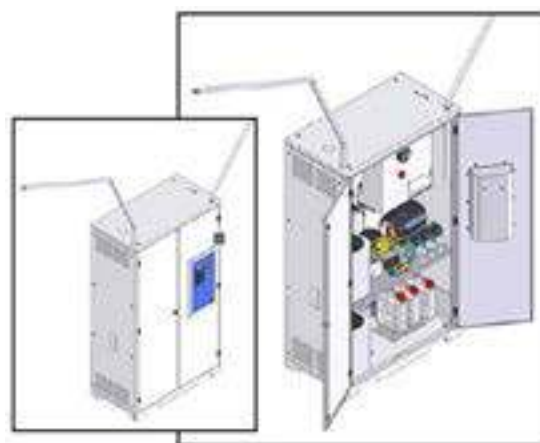


EASY THE VALUE OF ESSENTIALITY

The technical solutions proposed by CECCATO are substantially the following:

EASY 1 Technology for self-service washing bays mounted into a technical cabinet.

In this case, all the technical equipment is contained inside a galvanized and painted "Singlebay" cabinet (RAL7035 White) or other optional colours.



EASY 2 Technology for self-service washing bays mounted into a technical cabinet.

In this case, all the technical equipment is contained inside a galvanized and painted "Doublebay" cabinet (RAL7035 White) or other optional colors.



TECHNOLOGY

SELF-SERVICE

The technical equipment has been designed to meet modularity requirements.

Several units can be distinguished:

- Optional unit for water treatment (water softener and osmosis);
- High pressure unit with pumps and distribution manifolds (Std);
- Water heater (Std);
- Electrical panel (Std).

The technology provides:

- Commercial solenoid valves easily available and easy to dismantle;
- Dedicated dosing pumps (2 for each bay);
- Chemical injection system near each pump suction, with the possibility of injecting the chemical indifferently into hot, osmotized or softened water;
- High pressure piston pumps (one for each bay) with a 2.2 kW motor, mounted on anti-vibration dampers with by-pass valve and safety valve;
- Electrical panel for checking all the system functions.



EASY

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WASHING PROGRAMS



The standard washing programs are as follows:

- **Washing** – carried out with lance, softened hot water and shampoo;
- **Rinsing** – carried out with high pressure lance with cold water;
- **Waxing** – performed with medium pressure lance with softened water and wax;
- **Rinsing with osmosis** – is carried out with a medium pressure lance with demineralized water obtained with a reverse osmosis system.

The washing phases can be used by the user at will, even within the time made available by each individual token. The lifetime of the single token is set electronically by program. The setting of the washing programs or phases can be changed via an operator panel.



It is possible to integrate the washing cycle with 2 further phases (optional):

Brush program. It is the washing program that involves the use of a specific brush, for cleaning the vehicle combined with a low-pressure supply of shampoo and hot water.



Wheel rims program. It is another washing program that provides the use of a different lance for the delivery of a specific product for cleaning and degreasing alloy rims.



OPTIONAL



FLEX SYSTEM BRUSH

With this accessory, at the expiry of the time/token, the end of the brush loses stiffness making it impossible to use the brush again, unless you insert another token.

WATER TREATMENT

WATER SOFTENER

Water softening is a process that eliminates or significantly reduces water hardness through the use of ion-exchange resins that retain calcium and magnesium ions. These elements, which mainly determine the hardness of water, if they exceed certain concentrations, precipitate forming limescale deposits, as well as inducing a greater consumption of detergents.



OSMOTISED WATER GENERATOR

Device that allows to eliminate most of the salts present in the water, avoiding any deposit of limescale on the car and allowing an optimal final rinse. The 200 lt/h model is used for EASY2 technology. The osmotic water is produced by a plant based on the principle of reverse osmosis in which the solvent molecules pass from the most concentrated solution to a less concentrated solution, obtained by applying a higher pressure than the osmotic pressure to the more concentrated solution.



EASY

EASY

Efficient and Easy to use



Labrador MegaLed new aesthetics.



Black Edition version, matt black with Carbon Look finishes.



Labrador bays with stainless steel column cover.

LABRADOR

FLEXIBLE AND EFFICIENT, SAFE AND INSTANCABLE, HIGH PERFORMANCE.



ELECTRIC CABINET



HIGH PRESSURE
PUMPS RACK



DOSING PUMPS

The LABRADOR Self-Service Washing Center provides the customer with a consolidated and reliable technology, evidenced by the international success of a product that is always evolving and always faithful to itself. It is characterized by an absolute modularity, which allows the manager of the service area, according to their customers, the space requirements and the limits of local building laws, to build the configuration of his self-cleaning area, choosing how many stations install and leave them uncovered or closed. Design and customization are designed in compliance with the urban architecture context and in compliance with the various needs of customers. For the customer, the controls and maintenance are facilitated by a centralized computerized system that allows to check the operation of each bay.

Each element has been designed to make the use of materials easy. The customer can choose, through the control panel, between a maximum of 7 programs depending on the configuration of the machine. Clear messages and signals guide the user during each washing phase to obtain a better final result.

Each bay is equipped with light and handy lances. There are four types of lances available: one with a delicate brush to better remove traces of mud, insects and smog film from vehicles; one with a high pressure water jet for washing and rinsing operations; one dedicated to the application of specific detergents (cannon mousse - optional) to deliver a foamed chemical both for a scenic effect and a washing effect. Moreover, the possibility of using softened and osmotic water ensures an optimal cleaning result of the vehicle.

LABRADOR

LABRADOR

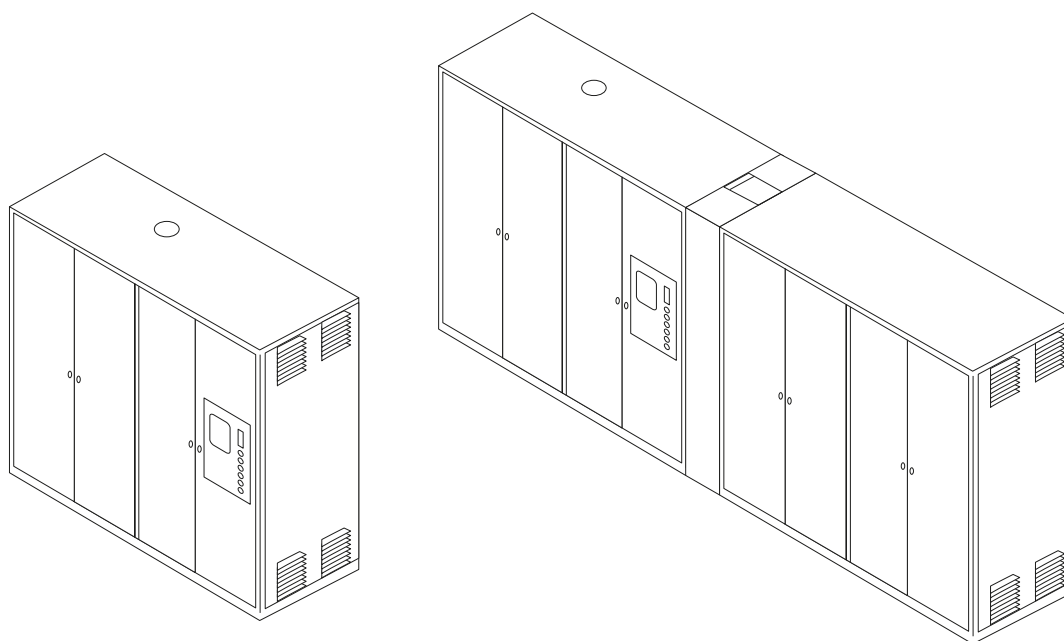
Efficient and Easy to use

TECHNICAL SOLUTIONS

TECHNICAL CABINET

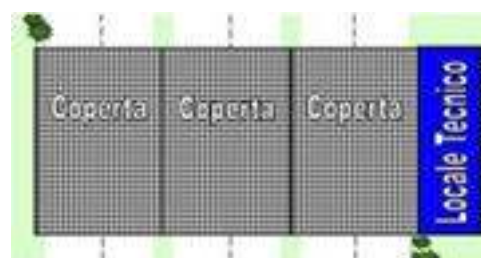
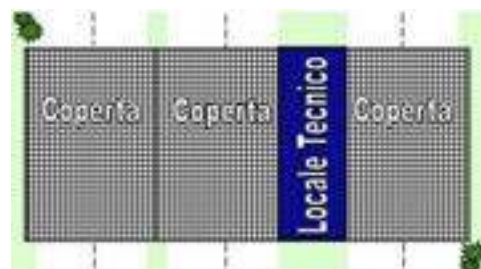
The technical solutions proposed by CECCATO differ substantially in:

LABRADOR Technology for self-service washing bays, mounted into a **Technical Cabinet**. In this case all the technical equipment is lodged inside a galvanized and painted cabinet with CECCATO standard colours, or in a stainless steel cabinet. Depending on the technology to be installed it will be necessary to use a single cabinet (left) or a double cabinet (right).



TECHNICAL ROOM

LABRADOR Technology for self-service washing bays installed into a **Technical Room**. In this case the equipment is lodged into a technical room 2.5 or 5 meters wide and 6 meters deep. This is placed between the bays in the standard configuration. Alternatively (if technically possible) it can be placed at the head of the washing bays.



TECHNOLOGY

WASHING ACTION



The main cleaning action is obtained with:

- a first phase of shampooing in high or low pressure (depending on the configuration of the machine, the shampoo will be dispensed in low or high pressure);
- a second high pressure rinse phase, with softened water;
- a third phase of wax delivery;
- a last rinsing phase with osmotic water.

The lance operates with a special bypass that allows the user to reach the maximum operating pressure gradually.



It is possible to integrate the washing cycle with 2 further phases (optional):

Brush program. It's the washing program that provides the use of a specific brush for cleaning the vehicle, combined with a low-pressure supply of shampoo and hot water.



Wheel rims program. It is a further washing program that provides the use of a lance specifically for the delivery of a chemical product for cleaning and degreasing alloy rims.



LABRADOR

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OPTIONAL



FLEX SYSTEM BRUSH

With this accessory, at the expiry of the time/ token, the end of the brush loses stiffness making it impossible to use the brush again, unless you insert another token.



SPECIAL CANNON MOUSSE PROGRAM

With this program, the special lance delivers an active foam that, in addition to lifting dirt, makes the brush action more lubricated, eliminating any risk of scratching on the bodywork.



WATER TREATMENT

WATER SOFTENER

Water softening is a process that eliminates or decreases water hardness through the use of ion-exchange resins, that retain calcium and magnesium ions. These elements, which mainly determine the hardness of the water, if exceed certain concentrations, precipitate forming limescale deposits, as well as inducing a greater consumption of detergents.

The **double resin column** water softener group consists of:

- n° 2 fiberglass cylinders;
- cationic resin with high exchange capacity, with excellent regenerative and kinetic efficiency and good chemical-physical and thermal stability;
- n° 1 Fleck 9000 automatic volumetric valve that controls the working and regeneration phases of both columns;
- n° 1 self-supporting brine vat, in flat-bottom polyethylene, with lid closure. Equipped with cockpit and elbow for overflow;
- 25 kg bags of salt for the regeneration of resins;
- n° 1 kit for hardness measurement in the field.

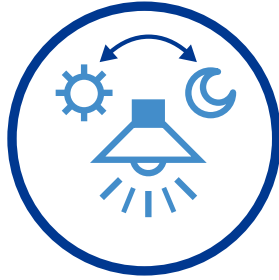


OSMOTIZED WATER GENERATOR

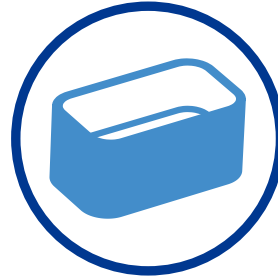
It's a device that allows to eliminate most of the salts present in the water, avoiding any deposit of limescale on the car and allowing an optimal final rinse. It is necessary when the Osmosis Group is requested to pre-treat the mains water with a water softener. In fact, to protect the membranes of the osmosis group from possible obstructions and blockages, it is necessary to use water with hardness around 0-1°F. It's important to check the amount of iron contained in the water; if it is higher than 0.1 mg/liter a deferrization pre-treatment is also necessary. The osmotic water is produced by a plant based on the principle of reverse osmosis, in which the solvent molecules pass from the most concentrated solution to the less concentrated solution, obtained by applying a higher pressure to the more concentrated solution of the osmotic pressure. In practice, reverse osmosis is achieved with a membrane that retains the solute from a part preventing its passage and allows to obtain the pure solvent from the other.



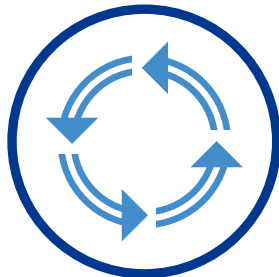
OPTIONALS



**Lighting Control Kit
(Twilight)**



**100 Lt Water Tank
for main water**



**Water Recycling Kit
Antifreeze system**



**Centralized suction
of Coins/Tokens**



**The system can be equipped with
a boiler for water heating with
natural gas - LPG - diesel fuel**



Remote Control



Self service bays with roll-over cover.



MegaLed Black Edition Structure.



Labrador bays with stainless steel column covers - recessed lance holder detail.



Labrador bays with painted column covers.

OUR RANGE

ARIES 2.0



**HYPERION
TECH**



**PEGASUS
TECH**



BALTIC



LFC



LFO



**PHOENIX
TECH 2.0**



**HYDRUS
TECH 2.0**



TUNNEL



A HISTORY MADE IN ITALY

1936

Founded by Pietro Ceccato, the company was born in 1936. Over the years it has diversified its production, moving from furnace burners, air compressors and service station equipment; from the production of motorcycles to current production: car washing systems.

1956

Construction of one of the first oscillating car wash units in the world.

1961

Beginning of the car wash production

2001

Inauguration of the new factory, still used today, on an area of 60,000 square meters.

TODAY: Always close to the customer.

Quality, reliability, service and continuous innovation.

Over **40,000** plants delivered in at least 50 countries. Approximately **20,000** installations operating every day, for an approximate total of **100,000,000** cars washed in the world each year. The network of branches and Agents/Distributors offers to the customers complete support and assistance: from project verification to plant definition and installation. The after-sales assistance organization guarantees, in real time, standards of quality and timing defined by the headquarter.





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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