



MULTIPURPOSE WASHING CABINS WITH ROTATING BASE SERIES BF



MODELS OF THE SERIES BF

According to the washing needs of each Customer there are four different sizes:

BF 1500 with rotating base of mm 1340

BF 1800 with rotating base of mm 1640

BF 2000 with rotating base of mm 1840

BF 2200 with rotating base of mm 2040

The measure of the rotating base must be greater than the diagonal of one or more trolleys, to decide which is the model most suitable to each customer.

As for trays, the washing capacity of each model is :

BF 1500 n.48 600X400 or n. 24 600x800

BF 1800 n.66 600x400 or n. 33 600x800

BF 2000 n.72 600x400 or n. 36 600x800

BF 2200 n.72 600x400 or n. 36 600x800



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THE STRENGTHS OF THE WASHING CABINETS SERIES BF

Innovative washing system: the cabin is equipped with a rotating base which ensures the washing at 360 ° of any material inserted therein. The aforementioned rotation allows to increase the quality of washing, reducing the cost of energy used, since with the rotation of the trolley, it is the dirt that looks for washing water and not vice versa. In this way we will have a higher pressure at the nozzle, since, in order to cover 100% of the surface to be washed, it is enough a lower number of nozzles, a lower energy consumption and the security not to have dead zones, where the washing water does not arrive on the material to be washed.



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ABSENCE OF PLASTIC COMPONENTS

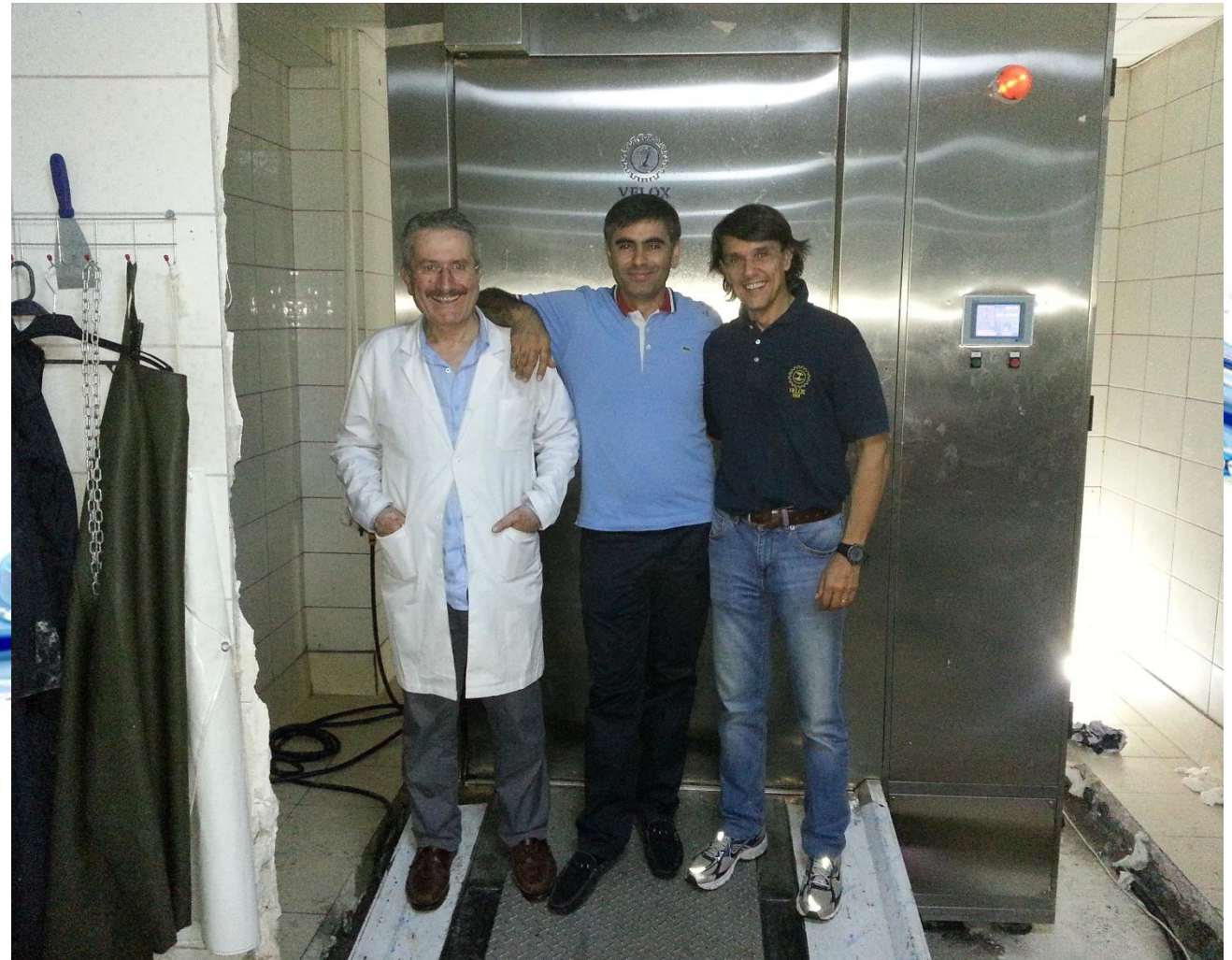
The machine in all its parts is made only with metal components, so that its duration in time is guaranteed. Both pipes and nozzles of the washing and rinsing zones are in stainless steel. Total absence of seals in plastic for waterproof.



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QUALITY AND RESEARCH OF MATERIALS

Quality and research of materials: thanks to our experience dating back to 1929, we can boast a team of research and development who has always been able to select the best materials and equipment used in the construction of the machine which help to make it not only highly efficient and powerful but also lasting in time. Quality and resistance that together with the pleasant design of the cabin, make the machine attractive from every point of view.



LOOKING FOR HYGIENE IN EVERY DETAIL: THE WASHING CYCLE

Each element is designed to achieve, not only the best washing result but also the best hygiene. Wash pumps in stainless steel AISI 304, of higher power: ranging from 7.5 kW for the model BF 1500 to 11 kW for the models BF 1800 BF 2000 and BF 2200. With regard to the improvement of hygiene, the pump is mounted in vertical position to ensure complete discharge of the washing circuit and reduce the danger of contamination, resulting from the accumulation of dirty water, present in the pumps mounted in horizontal position.



LOOKING FOR HYGIENE : THE RINSE CYCLE

Always for the search of hygiene, another characteristic that distinguishes us from the competition is the rinsing: carried out by a booster pump from 1.5 kW and with pipes and sprayers of great efficiency, in stainless steel. The rinse water is previously heated in a stainless steel boiler from 60 liters with level control and automatic loading. Feature of our rinse system is that it allows a complete cycle entirely at 85 ° C, not lowering the temperature of the rinse water of even one degree, certifying the thermal disinfection of our system. The rinse is provided by its own pump that sucks water from a reservoir tank so as to maintain a constant pressure even in the case that the water supply from the external line suffers a drop in pressure so as to ensure perfect rinsing of all the material washed.



SPIN SYSTEM

Another key point in favor of our cabin BF compared to other machines of the competition is that it has the centrifuge, possible thanks to the rotating base. The centrifuge is activated after rinsing and decreases the amount of water on the washed material. In the spin cycle, the smoke extractor, integrated in the chimney, allows that a flow of fresh air, introduced into the machine, by means of suitable valves and channeled downward from internal tubes, fully embraces the trolley, beginning to dry it. This system with suction time of about 1 minute and a half allows to obtain on metallic material a drying result such as to ensure that the goods do not drip water when they are extracted from the cabin.



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A MACHINE FOR THOUSAND USES

The optimization of washing of various equipment in different sectors, is achieved through the implementation of specific trolleys on which to place trays, baskets, planetary, gastronorm pans, pots etc ... This system allows you to wash large quantities in a small space, in one cycle.



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STRENGHT AND SECURITY

The booth is constructed in such a way that all equipment and electrical appliances are grouped into a service compartment, locked and protected by a safety micro-switch, positioned on the side of the machine, so that all controls which are accessible to the operator are not dangerous during their use. Open the door and a security module, remove power to all components.



OPERATIONS OF THE MACHINE COMPLETELY COMPUTERIZED

The machine is completely controlled by a PLC and managed on the front by means of a touch screen, where you can control all the parameters of the machine, including: pressure of the pumps with related malfunction alarms, temperature of wash and rinse with relative alarms of extra temperature, rotation speed of the rotating base with jammed alarm, alarms for routine maintenance such as cleaning filters and cleaning nozzles, warnings of scheduled maintenance for proper maintenance of the machine. All this is recorded in a special page of events where every event is saved for checking the status of use of the machine. The management of the touch screen can be supplied in the main national languages.



STRUCTURAL VERSATILITY FOR INSERTING IN EVERY STRUCTUR

The structure of our cabin BF, depending on the individual washing requirements of customers, may have a swing door, or a sliding door in case there is no space for the opening of the door on the front.



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STRUCTURAL VERSATILITY FOR INSERTING IN EVERY STRUCTUR

In case of request, it is possible to have two passerby doors, so that dirty trolleys are inserted from one side and pulled out clean from the other. With this door system the dirty trolleys never come into contact, even accidental, with the goods already washed and cleaned..

The same thing can be achieved with sliding doors for ease of use and/or insufficient space for opening standard manual doors.



BLOWING AND DRYING CYCLE

Contrary to some model of competition that does not have it, our cabin BF can be equipped with the blowing module. In this module there are four pressure pumps of 5.5 kW each, to arrive at a flow rate of 2200 cm/h with a prevalence of 150 mbar. With the blowing a temperature of 60°C is obtained, which allows to dry the washed material in an optimal manner, if the goods are in metal; instead to obtain a perfect drying also on plastic materials, it is advisable to install in the blowing module a heat battery that heats the air reaching a temperature of 90-100°C, to completely dry the washed material.



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HEATING SYSTEMS

Electric heating system

The washing cabin is equipped with an electrical heating system completely managed by the PLC.

The system is equipped by electric resistances in stainless steel and thermostatic control of the temperatures.



HEATING SYSTEMS

Steam heating system at 2 bar.

The washing cabin with steam heating is equipped with a complete management system of steam at 2 bar, completely controlled by the PLC. The indirect system, uses steam to heat the water by means of heat exchangers in stainless steel, operated by steam inlet valves, steam traps with thermostatic control of the temperatures. This system allows to recover the condensate, allowing to produce steam with already purified water at 95 ° C, obtaining a great energy saving.



SPEED AND EFFICIENCY

Quick and accurate washing:

Wash from 30 seconds to 12 minutes
depending on the dirt

Rinse up to 20 "

Centrifuge 20-40 "



GREEN PHILOSOPHY

It respects the environment. It reduces energy and water wastes. In addition to the energy savings obtained through the special washing system, this series, allows a further saving of water, because rinsing, is done with only 15-20 liters of water, thus also reducing water consumption. A further energy saving is achieved by the special structure with double walls with insulation, which minimizes thermal dispersion and noise pollution.



Some references Velox:



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