



FE 220 DMP - 18
+ Foam



JOIN THE CLEANING REVOLUTION



Redefining efficient cleaning: The FE 220 - 18 +Foam!

The challenge

In industry, there are many demanding cleaning tasks that need to be completed quickly and effectively. The cleaning of machines, stubborn production residues and even sensitive surfaces are among the many challenges that need to be solved. Conventional cleaning methods often do not meet these requirements.

Classic pressure washers use a lot of water, which is a problem, especially indoors, as the water has to be transported out again afterwards.

The high pressure can also damage surfaces or components. Alternatively, steam cleaners can be used, but these do not offer sufficient washing performance for some applications.

Our solution

The FE 220 DMP - 18 +Foam: The pressure, water temperature and water volume can be infinitely adjusted, providing just the right balance to effectively tackle various cleaning tasks. In addition, only a fraction of the water volume of a classic pressure washer is required. The fact that the machine can be precisely adjusted to the application means that even particularly sensitive surfaces can be cleaned easily and dirt can be removed in a targeted manner without spreading.

In addition to the possibility of cleaning with high pressure, low pressure or steam, the FE 220 DMP - 18 +Foam also offers the option of foam cleaning with cleaning chemicals. The foam sticks to the surfaces, allowing the cleaning agent to work for longer and enabling more effective cleaning, especially on vertical surfaces. The foam can also reach areas that are difficult to access more easily.

The enormous versatility combined with the compact and maneuverable shape make the FE 220 DMP - 18 +Foam the ideal cleaning tool for industrial applications.



Perfect for the food industry

Made of stainless steel and suitable for osmosis water!

Our further development of the already established FE series sets new standards: The new concept impresses with its robust stainless steel housing, which is specially designed for use in the food industry. The water-bearing components are also made of stainless steel, which allows the system to be used with osmosis water. This configuration enables us to meet the high hygiene and maintenance standards in the food industry. In addition, the FE 220 DMP - 18 +Foam uses less water than an ordinary pressure washer and at the same time has a higher washing performance in the steam stage than normal steam cleaners.

Additional foam function „+Foam“

For even deeper cleaning

Our new machine concept has an additional foam lance alongside the normal steam lance. Even if hot steam can already be used for thermal disinfection, it is now also possible to clean with chemicals as well. The machine's water pressure can be continuously adjusted between 25 and 170 bar. The foam lance works at a pressure of 25 to 60 bar. The cleaning chemicals are sucked in at 950 ml/min and mixed with 2.75 to 4 liters of water per minute, depending on the pressure.



High pressure & steam lance

Like the machine itself, the lance also combines the functionality of high pressure and steam. This allows you to switch almost seamlessly between high-pressure cleaning and steam cleaning. This means you can adapt the cleaning method to the surface to be cleaned at lightning speed and waste no time changing machines.



Foam lance

With the foam lance, you can easily apply the cleaning foam to the desired surface. The ergonomically shaped gun and the additional handle on the shaft of the lance enable easy and comfortable handling and precise control.

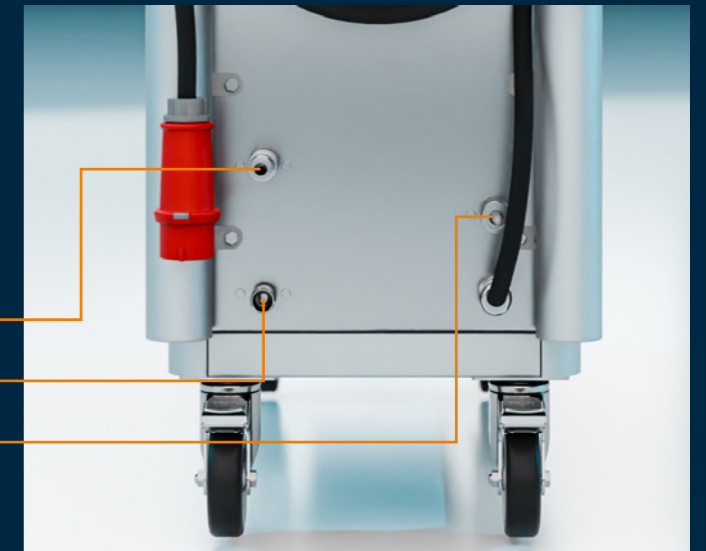
Connections

All connections are located on the back of the machine for quick and easy installation of the lances and the water connection.

Foam lance

High pressure & steam lance

Water connection



Holder for cleaning chemicals

A canister of cleaning agent can be attached directly to the machine housing using the attached holder. This makes it easy to replace an empty canister and also ensures that the machine is highly mobile.



Always everything at hand

The FE 220 DMP - 18 +Foam is a mobile machine that allows you to be mobile and always ready for use.

And so that you can clean quickly and on the move, you should always have the necessary accessories at hand.

That's why there are two lance holders for the foam and steam lance and a holder for the power cable at the back of the machine, making it easy to keep everything tidy and avoid wasting time when you change locations.

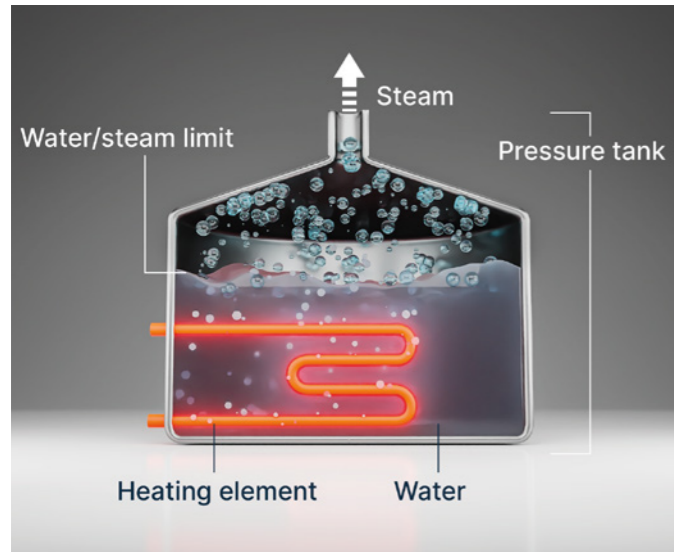


Proven FRANK continuous flow heater technology

For reliable hot water and steam generation

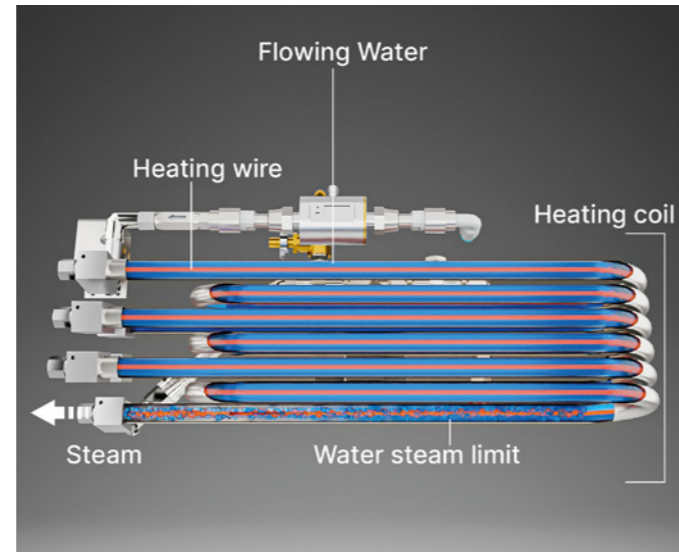
Our machine uses the tried-and-tested FRANK continuous flow water heater principle to produce hot water or steam quickly, efficiently and continuously. Compared to the classic boiler principle, we produce hot water at the moment it is needed. This eliminates the need to heat and store the water in advance, which significantly reduces the generation of waste heat.

Water boiler system



Heating elements in the water cause it to evaporate under pressure. The steam is directed upwards to the user.

Continuous flow heater



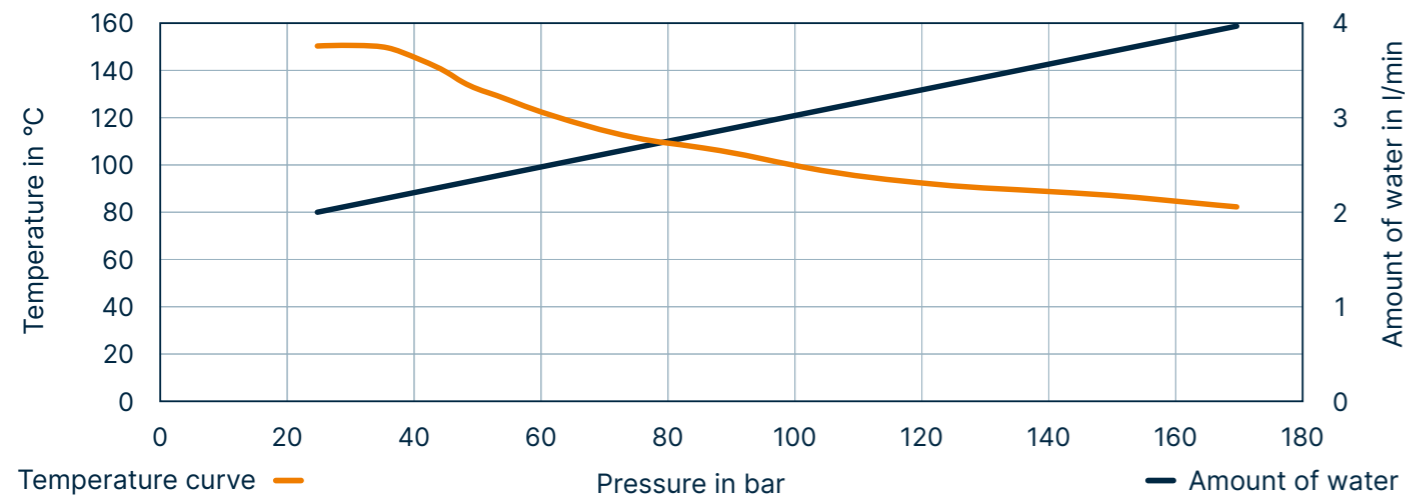
The water flows through the heating coil and is heated by the heating wire. Before leaving the coil, the water turns to steam and can be pumped to the user.



Optimal cleaning results

Flexible adjustment of water pressure, volume and temperature

The water pressure can be infinitely adjusted between 25 and 170 bar via a UL valve, which also influences the amount of water between 2 and 4 liters per minute and the water temperature in the range of 80 to 145 °C. These values are interdependent: If the pressure and water volume are low, the water temperature is high. As the water pressure and water volume increase, the water temperature decreases. By regulating the pressure, the operator can optimally adjust all three values to the respective cleaning task.



Technical data

Item No.: F005156	FE 220 DMP - 18 + Foam
Heating type	electrically heated
Operating pressure	170 bar
High-pressure	25 bar
Steam	
Volume flow	240 l/h
High-pressure	120 l/h
Steam	
Operating temperature	80 °C
High-pressure	145 °C
Steam	
Heating capacity	18 kW
Connection	3Ph / 400V / 50hz
Water supply	Mains water connection
Dimensions	1300 × 420 × 1020 mm
Weight	118 kg

Technical changes and errors excepted.

Contact us for more information and arrange an individual consultation.

Together we will find the perfect solution for you.



FRANK Hochdruck- & Dampftechnologie GmbH

Flocksdorfstraße 4, D-57234 Wilnsdorf

vertrieb@frank-hdr.de

+49 (0) 2739 - 47993 0

www.frank-hdr.de