



Single-tank flight-type glasswasher for beer mugs and glasses

Powerful performance in large-scale operations



STF Bavaria – Single-tank flight-type glasswasher for beer mugs and glasses

STF Bavaria – perfect wash results and cool glasses, even at peak times

Winterhalter – the specialist for professional warewashing systems.

- + Family run for three generations
- + Operating in more than 70 countries
- + At home in the best and biggest kitchens
- + Specialist professional warewashing technology, from under counter to flight-type systems
- + Complete solutions from a one-stop supplier, including machine technology, detergent and hygiene products, water treatment, racks and accessories

At peak times, such as for festivals and in beer gardens, professional kitchens and bars serving drinks need a totally reliable glasswasher. The STF Bavaria is the perfect solution: it can handle large quantities and supplies hygienically clean glasses in the shortest possible time. Thanks to cold rinsing, the glasses can be used straight from the machine, regardless of type.

The STF Bavaria is designed around a hygiene concept that ensures perfect, germ-free wash results. It even deals with stubborn dirt, such as lipstick or fat residues, without any trouble. So you never need to worry about hygiene.

Winterhalter specializes in professional warewashing systems. We offer solutions which are perfectly tailored to your needs – from the machine to detergent and hygiene products, water treatment and accessories, all the way to the right racks.



Jürgen and Ralph
Winterhalter





The best way to handle large quantities – the STF Bavaria washes beer mugs and glasses hygienically clean in the shortest possible time.



The very best performance – thanks to sophisticated solutions



When glasses and mugs need to be turned around quickly, the glasswasher has to be absolutely reliable. Along with a powerful wash system which provides **perfect results at high speed**, the STF Bavaria offers additional technical solutions for **trouble-free glasswashing**.

+ Powerful glasswashing system

The powerful glasswashing system achieves the best results by using four washing arms, two above and two below, with a specially optimized nozzle configuration. This combination ensures glasswashing power and guarantees that the water gets to where it is needed – that is, everywhere. Even residues like lipstick and fat are completely cleaned away.



+ Simply cool: cool glasses

The STF Bavaria rinses the glasses with cold water. The cool glasses can be used again immediately, and beer keeps its head. So your guests can enjoy cool drinks even during peak times. You profit in two ways – from satisfied guests and higher beverage sales.



STF Bavaria with special equipment

+ Flexible choice of temperature

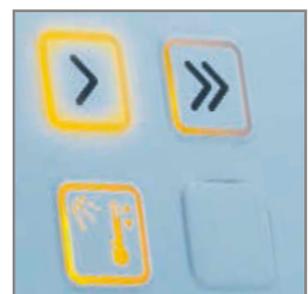
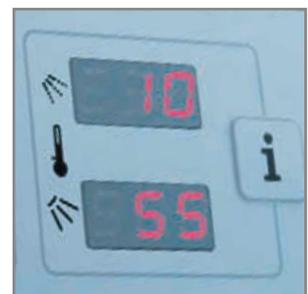
As an option, the rinse can be switched to warm, fresh water. Warm rinsing is especially recommendable for the end of the working day. Glasses dry more quickly and can be put away with no worries.

+ Optimum programme

Different quantities of glassware, different degrees of soiling – the STF Bavaria meets these challenges with a choice of two washing programmes. The standard programme removes even grease and dried-on residues. The fast programme saves time and running costs and is suitable for glasses and beer mugs that are only lightly soiled.

+ Constantly good rinsing results

The fresh water rinse is controlled by an integrated rinse booster pump. Even if the water pressure on site should drop, the pump keeps the rinsing pressure constant and thus guarantees outstanding rinse results at all times.



→
Hygienic,
cool glasses



Be safe and sure when it comes to hygiene



Microbiological studies conducted by an independent test institute have confirmed that the STF Bavaria ensures hygiene and fulfils the hygiene requirements of DIN 10511.

Your business has to focus on hygiene at all times – even during peak periods when large quantities have to be washed. The STF Bavaria's hygiene concept keeps you safe. Along with a glasswashing system that ensures hygiene, it also features a special interior structure designed to eliminate problems caused by deposits and bacteria.

+ Hygienic glasswashing method

With its tank temperature of 55–60°C, the STF Bavaria fulfils the hygiene requirements of DIN 10511 – even with a cold rinse, provided by a detergent containing active chlorine. This has been confirmed by an independent test institute.

+ Controlled hygiene

The washing temperatures can be monitored on the control display. The machine can also alert the operator if it runs out of detergent or rinse aid.

+ Smooth surfaces with no seams

The smooth interior of the door, seamless tank with rounded corners and the hygienic rear panel offer no hiding places for dirt and deposits. Additional protection is provided by the closed base cover.

+ Automatic drain pump

At the end of every working day, the integrated drain pump, in conjunction with a tank shape that slopes towards the drain, ensures that all the water is completely pumped out of the tank.



Practical, functional and flexible

From operation, maintenance and handling glassware, the STF Bavaria is simple to use.

+ Reliable operation

The easy-to-understand display with colour coding prevents operating errors, even if the operators are inexperienced or change frequently. The glasswashing operation can easily be controlled by an on-off switch near the loading area, depending on the volume of glasses to be washed. This cuts operating expenses.

+ Prevention of glass breakage

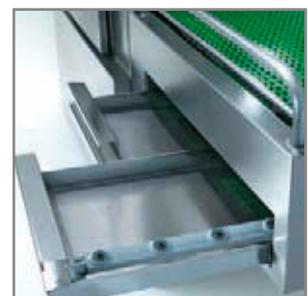
An end switch retainer, as well as check rails on the sides, make working easier and at the same time prevent glasses from falling off the conveyor belt.

+ Easy to care for

Individually removable wash arms and easily accessible filters save time and labour costs when the machine is cleaned. The loading area and the conveyor belt are continuously cleaned by a separate wash arm. The all-round protection consisting of rear panel covering, base cover and double-walled door protects the machine from water ingress and therefore works according to protection class IP X5.

+ Flexible set-up

According to the extendable loading and unloading area (optional), the STF Bavaria is very flexible to set up. To further optimise the work flow, the machine's unloading area can be extended using the optional table extension piece. The STF Bavaria is available in a mobile version mounted on four robust castors (optional).



STF Bavaria – technical data

Technical data		STF Bavaria
Theoretical capacity	[glasses/hr]	1,800/2,800
Speeds	[m/min]	0.93/1.41
Total connected load (with cold rinse)	[kW]	19.7*1
Dimensions		
Machine length		
- if the loading and unloading areas are each 400mm long	[mm]	2,005
Option:		
- if the loading or unloading area is 900mm long	[mm]	2,505
- if the loading and unloading areas are each 900mm long	[mm]	3,005
Depth	[mm]	800
Height	[mm]	1,420
Passage width	[mm]	580
Passage height, max.	[mm]	420
Washing zone		
Pump capacity	[kW]	1.1
Tank temperature	[°C]	55–60
Rinse zone		
Capacity of the circulating pump	[kW]	0.1
Rinse water requirement at continuous operation*1	[l/hr]	420
Boiler temperature for rinse	[°C]	water inlet temperature/65*2
Optional equipment		
<ul style="list-style-type: none"> - Mobile version on castors - Extended loading or unloading area - Switchable rinse water temperature - Boiler heating for warm water rinse - Rinse aid dosing - Emergency-off switch - Drawer for "Winterhalter DuoMatik 3" softener 		

*1 Non-binding information. The actual need for rinse water can vary depending on the on-site conditions.

*2 A inlet water temperature of at least 25 °C is required for a rinse water temperature of 65 °C.
The total connected load can change depending on this.

