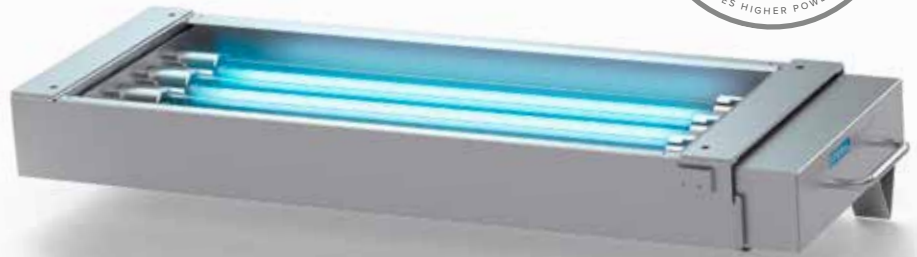




CONVEYOR / CARVING BELTS STERILIZATION

FB-HPF-SYSTEM



The FB-HPF-SYSTEM – with new high-performance technology (HPF) – was especially designed and developed for the permanent sterilization of conveyor and carving belts, surfaces and foils. The HPF technology and the high-quality radiators provide an up to 2.5 times higher power compared to the prior FB series and therefore are qualified to meet special sterilization requirements.

The bacterial count on and at the conveyor/cutting belts, surfaces and foils can increase up to a million times higher than the original value and inevitably contaminate the following products already half an hour after the cleaning.

Based on the highly effective HPF technology, the FB-HPF SYSTEM permits a sterilization of up to 99.999 %; germs, viruses, yeasts and mildews will be effectively eliminated and their proliferation will be stopped.

Design

The FB-HPF SYSTEM consists of a high-quality stainless steel housing and is in accordance with the highest hygiene requirements.

The UV-C emitters are integrated into the housing and are waterproof, also the front-end electronics are placed in a switch cabinet and are water-protected and therefore they are in accordance with IP67. The dimensioning of the equipment power and the housing dimensions is oriented individually at the respective belt speed and belt width.

The protective tubes with a strong wall thickness, which house the UV-C radiators, are equipped with a reliable splinter protection and provide a high brake security. The watertight design permits wet cleanings. Based on the very high service life, the FB-HPF system is very economical.

Features

- ✓ **Robust** – the protective tubes with a strong wall thickness provide a high break security during cleaning and handling.

- ✓ **Watertight** – the completely watertight design of the UV-C radiators prevent moisture penetration during cleaning.
- ✓ **Easy wet cleaning** – the insertion/folding frame is permanently installed and for cleaning, the equipment housing with the radiators can be removed without tools. The safety switch off during the removal ensures that the UV-C radiators switch off automatically. Just lather and rinse!
- ✓ **Harmless to persons with respect to health** – by total shielding of the UV-C light, the device can be deployed safely directly at the work place of personnel.

Technical data

Type FB2 - 2 UV-C-radiator 12,000 h high efficiency	300	400	500	600	810	1000	1200
Power FB2 in W	26	36	46	58	80	100	122
Weight FB2 in kg	16,6	20,6	21,6	22,4	24,9	27,4	31,0
Type FB4 - 4 UV-C-radiator 12,000 h high efficiency	300	400	500	600	810	1000	1200
Power FB4 in W	48	72	92	116	160	200	244
Weight FB4 in kg	16,1	21,0	22,7	24,2	26,4	28,3	31,9
Belt width in mm	335	435	535	635	845	1035	1235
Housing material	Stainless steel V2A						
Voltage	230 V +/- 10% 50..60 Hz						
Identification	CE						