

FB200 - 1200

(Cutting belt / conveyor belt disinfection Applications)

The FB-HPF system is used for the ongoing disinfection of conveyor and cutting belts, as well as of surfaces and foils. The FB-HPF system provides reliable disinfection in the ongoing production process for conveyor and cutting belts, as well as for surfaces and foils.



Applications: Conveyor belts | Cutting belts | Plastic link belts | Steel belts | Bucket belts

Function: The push-in/folding frame is mounted in a fixed location, and the device housing with high-performing UV-C emitters can be removed with no tools for cleaning/maintenance. When the device housing is removed, the safety switch-off control automatically turns off the UV-C emitters; the waterproof design allows for wet cleaning; UV-C light is fully shielded, rendering it harmless for employees.

Equipment: HPF technology – 2.5x power thanks to high-performance UV-C emitters (waterproof design IP69k); two maintenance designs available (push-in or folding frame); splinter protection.

Assembly/maintenance: A full maintenance manual is included. The device housing can be easily removed without tools, and the emitters are exchanged via a screw-in socket.

Technical Data

Type	FB2 200	FB2 300	FB2 400	FB2 500
Dimensions in mm L x W x H	415 × 307 × 85	515 × 307 × 85	615 × 307 × 85	715 × 307 × 85
Housing material	AISI304 stainless steel			
Emitter ST1	2× UV-C high efficiency / 12,000 h			
Power in W	16	26	36	45
Voltage	230V ± 10% (50 – 60Hz)			
Connection cable in m	3			
Weight in kg	15.8	16.6	20.6	21.6
Protection class	IP69K			
Max. belt width in mm	220	320	420	520

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Type	FB2 600	FB2 810	FB2 1000	FB2 1200
Dimensions in mm L x W x H	815 x 307 x 85	1025 x 307 x 85	1215 x 307 x 85	1415 x 307 x 85
Housing material	AISI304 stainless steel			
Emitter ST1	2x UV-C high efficiency / 12,000 h			
Power in W	58	80	100	122
Voltage	230V ± 10% (50 – 60Hz)			
Connection cable in m	3			
Weight in kg	22.4	24.9	27.4	31
Protection class	IP69K			
Max. belt width in mm	620	830	1020	1220

Type	FB4 200	FB4 300	FB4 400	FB4 500
Dimensions in mm L x W x H	415 x 307 x 85	515 x 307 x 85	615 x 307 x 85	715 x 307 x 85
Housing material	AISI304 stainless steel			
Emitter ST1	4x UV-C high efficiency / 12,000 h			
Power in W	32	52	72	92
Voltage	230V ± 10% (50 – 60Hz)			
Connection cable in m	3			
Weight in kg	16	16.7	21	22.7
Protection class	IP69K			
Max. belt width in mm	220	320	420	520

Type	FB4 600	FB4 810	FB4 1000	FB4 1200
Dimensions in mm L x W x H	815 x 307 x 85	1025 x 307 x 85	1215 x 307 x 85	1415 x 307 x 85
Housing material	AISI304 stainless steel			
Emitter ST1	4x UV-C high efficiency / 12,000 h			
Power in W	116	160	200	244
Voltage	230V ± 10% (50 – 60Hz)			
Connection cable in m	3			
Weight in kg	24.2	26.4	38.3	39.3
Protection class	IP69K			
Max. belt width in mm	620	830	1020	1220