



## **BDM 2018 HD**

### *CONVEYOR BELT TREATMENT UNIT*

#### **Rugged · Waterproof · Hygienic Design**

**UVpro BDM 2018 HD** units are ideal for reliable disinfection of small band conveyors in the food industry and have a validated high efficiency of disinfection. Due to their ruggedness, the units can remain on the belt during cleaning. IFS and HACCP conform. Including non-corrosive PTFE reflector.

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**For conveyor belts and surfaces**

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**Easy installation; also in existing systems**

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**Extremely rugged and waterproof design (IP 69K)**

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**Avoids cross-contamination**

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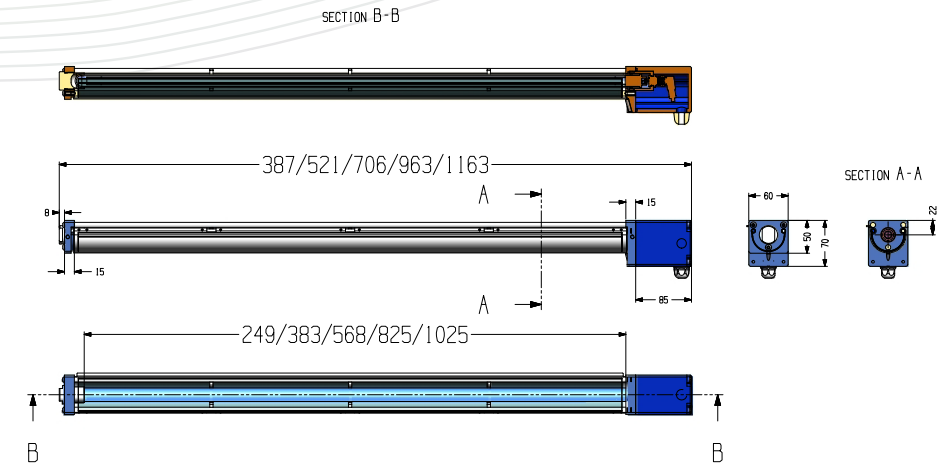
**Easy to clean due to hygienic design**

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## SPECIFICATIONS

Short name	UVpro BDM 2018 HD				
In conformity with requirements	EMC, CE IP69K, IFS and HACCP conform				
Material	stainless steel: WN 1.4301 and WN1.4305, blue sustarin CFG				
Operating temperature [°C]	0...+25				
Type	BDM 2018-25	BDM 2018-40	BDM 2018-60	BDM 2018-80	BDM 2018-100
Input power [W]	14	20	30	40	60
Current flow [mA]	70	90	120	180	280
Suitable UVpro Lamp	KTS15-4bl	KTS20-4bl	KTS30-4bl	KTS40-4bl	KTS50-4bl
Total UVC output [ $W_{253,7}$ nm]	4,5	7	10	13	20
Maximum conveyor width [mm]	250	400	600	800	1000
Size (L x B x H) [mm]	387 x 60 x 70	521 x 60 x 70	706 x 60 x 70	963 x 60 x 70	1163 x 60 x 70
Weight [kg]	2.2 + 0.65	2.7 + 0.65	3.6 + 0.65	4.5 + 0.65	5.4 + 0.65
Mount	with bracket mounting kit				
Lamp replacement interval [h]	12,000 (75% <sup>+5%</sup> output performance)				
Life expectancy electronics	>10 years				
Supply voltage [ $V_{AC}$ ]	220...240 (50...60Hz)				
Power cable length [m]	3.5 (customisable)				



## Application Optimised UV for



Food & Beverage  
Industrial UV



Healthcare  
Industrial UV



Pharmaceuticals  
Industrial UV



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