

## **BD 2016 HD**

### *CONVEYOR BELT TREATMENT UNIT*

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

**UVpro BD 2016 HD** are ideal for reliable treatment of band conveyors in the food industry. By positioning below the band, the radiation does not apply to the product, but ensures hygienic conditions of the band. Perfect hygienic conditions all day

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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**

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**Avoids cross-contamination**

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**IP69K TÜV certified**

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**Easy to clean due to hygienic design**

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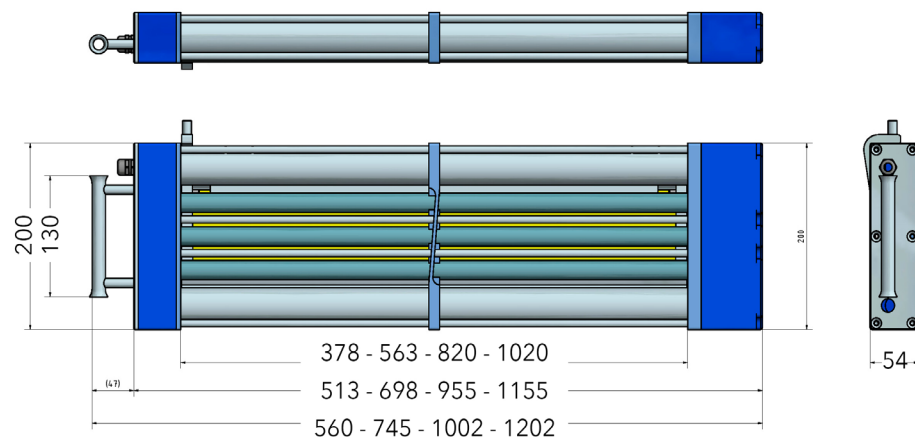
**Optionally with switch-off in cleaning position**

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## SPECIFICATIONS

Short name	UVpro BD 2016 HD			
In conformity with requirements	EMC, CE IP69K, IFS and HACCP conform			
Material	stainless steel: V2A 1.4301 (304), blue sustarin CFG			
Operating temperature [°C]	0...+25			
Type	BD 2016-40 HD	BD 2016-60 HD	BD 2016-80 HD	BD 2016-100 HD
Input power [W]	60	80	120	180
Current flow [mA]	280	380	550	800
Suitable UVpro Tube	UVpro KTS20-4	UVpro KTS30-4	UVpro KTS40-4	UVpro KTS50-4
Total UVC output [ $W_{253,7\text{ nm}}$ ]	27	33	48	60
Maximum conveyor width [mm]	400	600	800	1000
Size (L x B x H) [mm]	513 x 200 x 54	698 x 200 x 54	955 x 200 x 54	1155 x 200 x 54
Weight [kg]	8.6	11.1	14.7	17.2
Mount	with optional mounting kit			
Tube 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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