



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

For conveyor belts and surfaces

Easy installation; also in existing systems

Extremely rugged and waterproof design

Avoids cross-contamination

IP69K TÜV certified

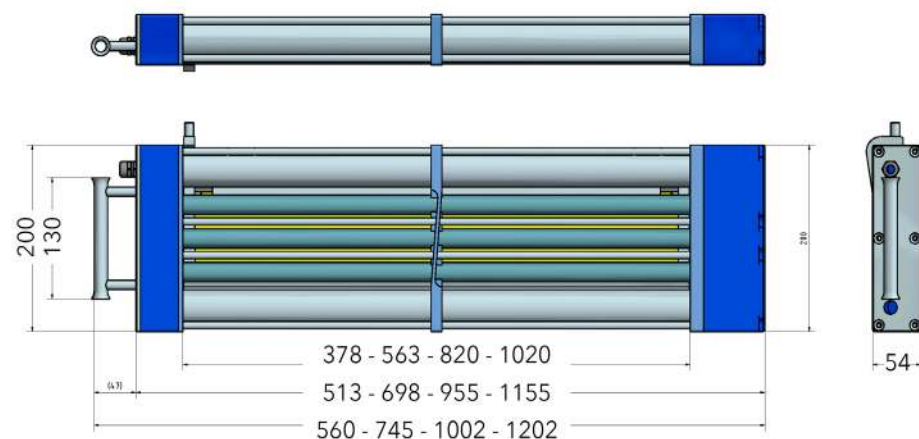
Easy to clean due to hygienic design

Optionally with switch-off in cleaning position



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% ^{+5%} 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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