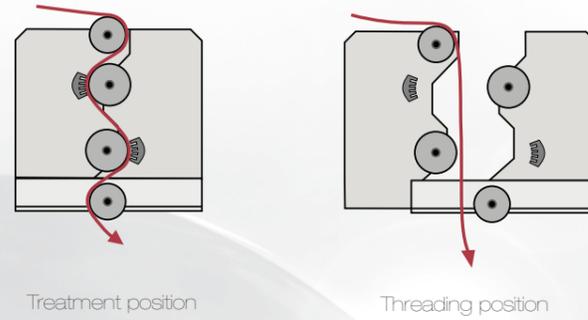


■ The treatment roller is rigidly mounted to the machine frame. This design principle guarantees that once the rollers have been adjusted, they remain parallel. This means that even high web tensions don't affect continuous operation.



Corona Station AVB-100D/120D

Complete solutions for surface treatment of plastic films
Adhesion improvement for printing and laminating

Technical Details:

	AVB-100D	AVB-120D
Working width	600 - 2000 mm	800 - 2400 mm
Assembly dimensions		
Height:	515 mm	
Depth:	475 mm (closed)	
Width, including transformer:	WW + 835 mm	
Connection	Compressed air, 6 - 10 bar, dry, oiled	
Transformer	Cast metal housing, rigidly mounted	
Power supply	Completely from generator	
Max. web speed	200 m/min higher upon request	

Reasons to choose AFS:

- AFS treatment stations ensure the greatest operational availability of your systems.
- The operating costs throughout the service life are unbeatably low.
- Our systems carry a two-year warranty.
- The patented, thousand-times proven electrode holder is unrivalled today.
- The treatment station is only manufactured from first-class materials, from selected suppliers.
- AFS high-voltage generators are the recognised industrial standard.



Entwicklungs + Vertriebs GmbH

Von-Holzapfel-Strasse 10
D-86497 Horgau

Telefon: 0700 / AFSPHONE
08294 / 80 494 - 0
Telefax: 08294 / 80 494 - 45
Internet: www.afs.biz

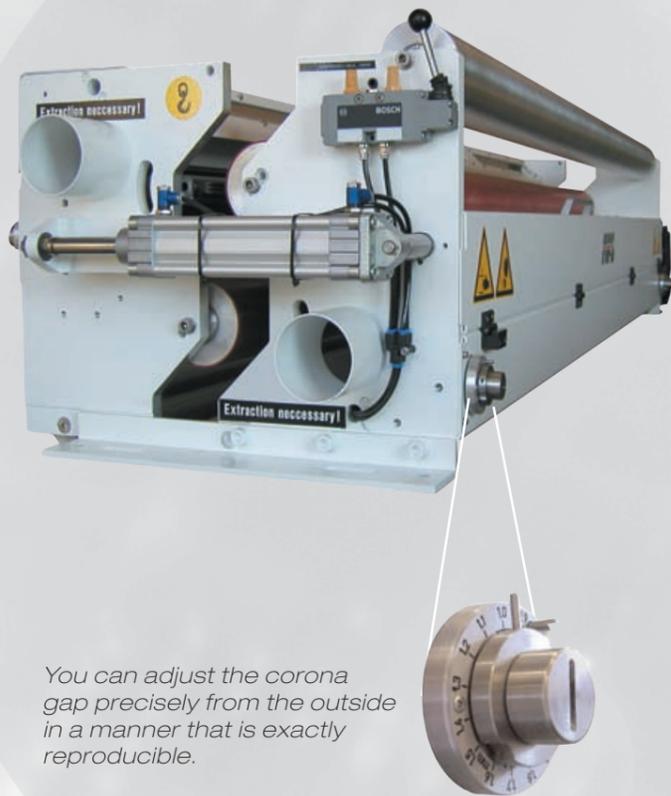


Generator family



Take advantage of the benefits of this reliable system.

Efficiency and quality: the guiding principles for stations from AFS. This corona station, which has been tried and tested hundreds of times, produces enormous treatment results with minimum space requirements. It is well suited for installation in all blown film lines.



You can adjust the corona gap precisely from the outside in a manner that is exactly reproducible.

- The AVB-100D and the AVB-120D differ in the roller diameter, the size of the electrode housing and the number of possible electrodes. One model is optimally dimensioned for your application.

- The stations are designed for both single and double sided treatment. Because of their compact design, they can be fitted into nearly all web paths.

- Segmented electrodes with various widths and designs facilitate treatment gaps in web direction. The intermittend mode creates gaps across web direction. This lets you easily weld the substrate after treatment.

- All machine parts are manufactured from aluminium or stainless steel. High manufacturing standards guarantee a long lifetime of your equipment with a minimum of maintenance.

Compact, stable, and tried and tested hundreds of time.

The AVB-100D and the AVB-120D fit optimally into confined system layouts. Their reliability ensures maximum operational availability. The complete manufacture in stainless steel and aluminium is especially robust and meets the highest safety standards.

- Threading a new film web through the treatment station is easy, because the electrode housings open up, leaving enough free space to make threading convenient and quick.

- Large, easy-to-open covers, permit excellent access to the inside of the machine for maintenance purposes or segment adjustment.

- Configurations with 3 or 6-fingered segments enable treatment of almost all materials in blown film applications. This station makes it easy for you to obtain exactly the desired results. The standard is 5 mm width but optionally they are available in 2 mm.

- If your production speed or your film formulation changes, you may use 2 x 3-fingered segments. This configuration enables a uniform corona discharge at all generator powers.



Excellent accessibility for segment-setting

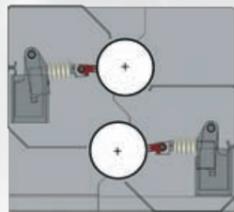
■ Configuration A:

Electrodes

3 discharge line segments

Roller

Coated with silicone rubber or ceramic



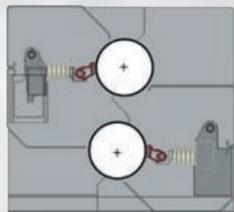
■ Configuration B:

Electrodes

6 discharge line segments

Roller

Coated with silicone rubber or ceramic



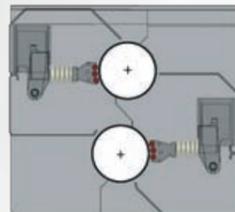
■ Configuration C:

Electrodes

3 high-capacity electrodes made of stainless steel tubular pipes

Roller

Coated with silicone rubber or ceramic



The electrode assembly swings out of harm's way should a large impediment pass through the spray-gap.



Swung back segments for lane treatment.



2 x 3-fingered segments enable a perfect Corona discharge at any generator power and speed.