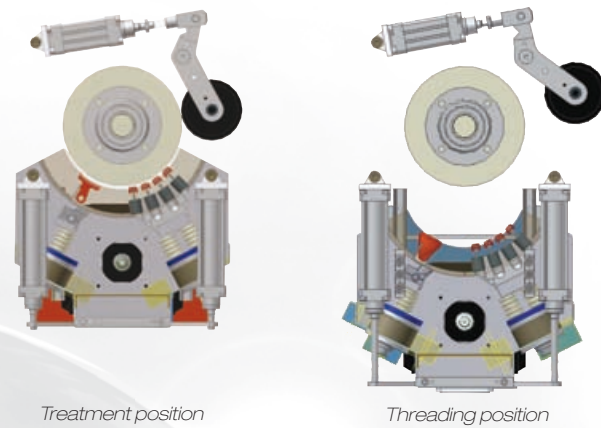


■ The treatment roller is rigidly supported and solidly connected to the machine frame. This design principle guarantees that once the rollers have been adjusted, they remain parallel. This means that even high web tensions don't endanger continuous operation.



Corona-Station AVE-250E

Flexible single-sided treatment

Technical Details:

Working width	800 - 2800 mm
Assembly dimensions	Height: 1030 mm , Depth: 600 mm Width: working width + 775 mm (incl. Trafo)
Connection	Pneumatic / compressed air, 6-10 bar, dry, oiled
Transformer	Cast metal housing, directly mounted
Electrodes	Max. 16 stainless steel electrodes Segmented electrodes (1 9-way or 2 9-way segments, 5 or 2.5 mm wide) 8 high-capacity ceramic rods Also possible to combine segments and ceramic
Treatment rollers	Silicone-rubber coated, ceramic-coated, Bare metal, coated with stainless steel
Power supply	Completely from generator
Max. web speed	400 m/min standard, faster upon request
Optional accessories	Drive for treatment roller Water-cooled treatment roller, Rubberized pressure roller at film entry point, rotary stretcher (optionally with drive), preparation for web tension controller, computer-controlled segment adjustment, web intake, custom side pieces for floor installation

Why you should choose AFS:

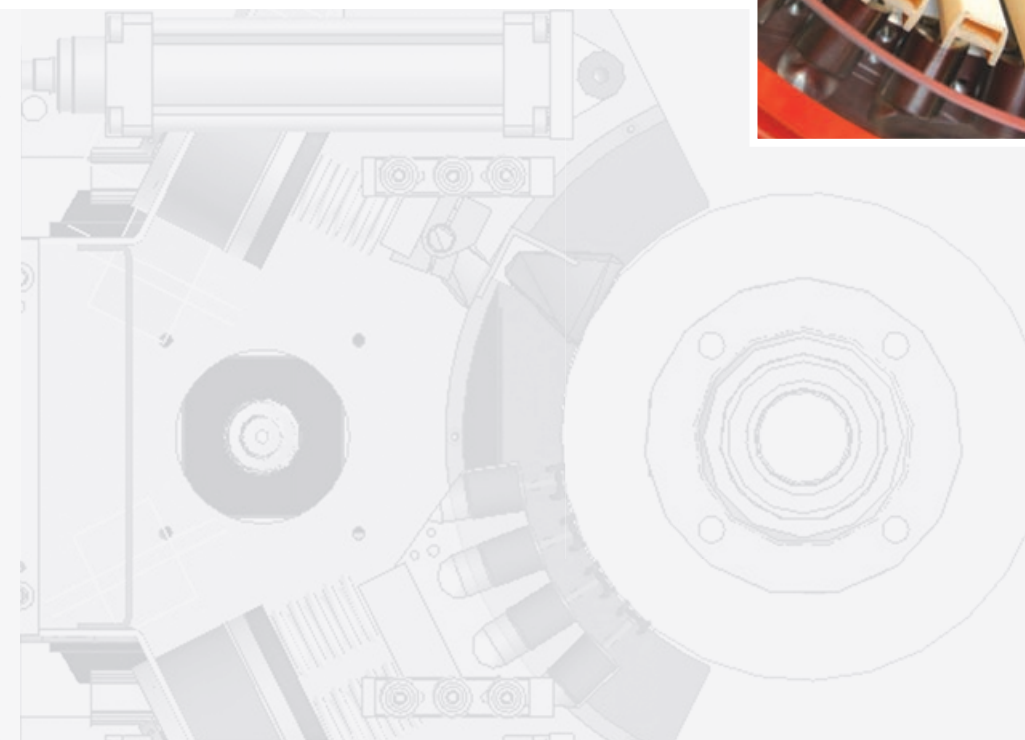
- The stations from AFS ensure the greatest availability of your systems.
- The operating costs throughout the service life are unbeatably low.
- You have a two year warranty.
- The patented, thousand-times proven electrode holder is unrivalled today.
- Your station is made completely of first-class materials from first-class suppliers.
- AFS high-voltage generators are the recognized industrial standard.



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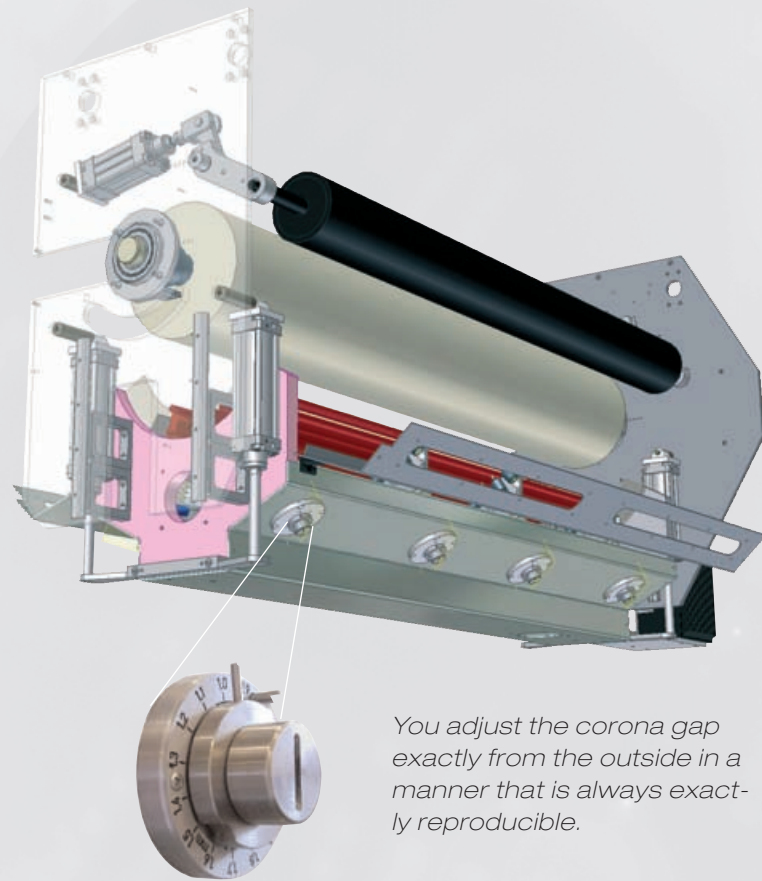


Generatorfamily



You can rely on your AFS system. Always.

The particularly compact and tough station fits into any installation situation. One of the flexible configurations is sure to meet your requirements. See the high-quality construction for yourself. Profit from unrivalled efficiency.



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

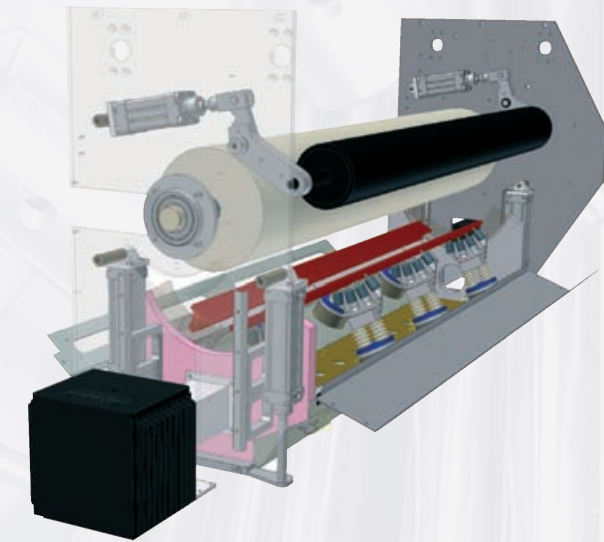
- The AVE-250E opens pneumatically if required. You effortlessly thread the film through the open access. This shortens the set-up times and crucially increases the station availability.

- The built-in PLC ensures that the station opens briefly and then closes again automatically (available as option), in order to let thick splices pass, for example. Your roller and electrodes are even better protected.

- The AVE-250E is child's play to open. You have perfect access to the complete electrode group. This means you can easily adjust the segments and easily clean the inside of the housing.

The AVE-250E is manufactured completely from aluminium and high-grade stainless steel.

This ensures an extremely long lifespan and protects your investment for many years to come. The AVE-250E is built to the highest safety standards and for maximum availability.



- Corona bypasses, lengthwise and crosswise. Segmented electrodes allow the required bypasses along the length. The film there remains weldable. If you need to omit the treatment across the web path, the AFS intermittent mode is the answer.

- Synchronize with a print mark reader, with a signal from a print roller or other external synchronization pulse. You always obtain exact bypasses, with millimetre accuracy.

- The pressure roller allows you to profit from treatment that doesn't affect the back side. What's more, it works with the AVE-250E as a single web tension group. By request, we will manufacture a suitable adapter flange for your drive and install your web tension roller. This helps to save space and money.

- The transformer is mounted directly on the housing, so you can be sure that all high-voltage wiring are always protected against damage. Electric fields are effectively shielded. The construction itself prevents possible hazards and minimizes radio interference.

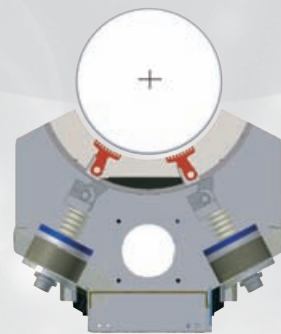
■ Configuration A:

Electrodes

9-way segments or 2 9-way segments

Roller

Coated with silicon rubber or ceramic



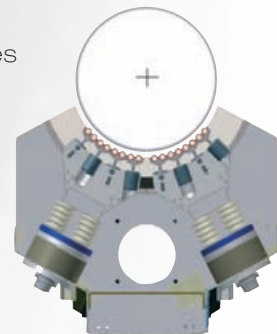
■ Configuration B:

Electrodes

16 high-capacity electrodes of stainless steel pipes

Roller

Coated with silicon rubber or ceramic



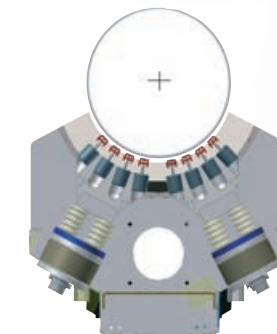
■ Configuration C:

Electrodes

8-way continuous ceramic

Roller

Coated with stainless steel or ceramic



■ Configuration D:

Electrodes

Combination of 4-way ceramic and 9-way segments

Roller

Coated with silicon rubber or ceramic

