

# Corona-Plus

## CP-5 GENERATOR



### High performance, computerised corona discharge treater generators

The CP-series is a complete range of highly efficient, fully computerised Corona-Plus generators, using IGBT, DPC and PWM-techniques, which ensure a wide power regulation band, combining high efficiency with minimal energy loss.

The CP-5 generator is delivered in 6 versions: 12kW, 16kW, 20kW, 24kW, 32kW and 40kW each having optional proportional control related to line speed, and the option of displaying either the actual generator power output in kW, or the energy delivered to the substrate in Wattxmin/m<sup>2</sup>.

Two important features of the CP-series generators are their user-friendly design, making them very intuitive to operate, and their ability to cope with 24-hour non-stop production under all conditions.

The CP-generators are self-diagnostic and both internal and external functions are continuously checked by a monitoring system. Any malfunction being immediately displayed on the operator panel.

The operator panel is removable and can be used for remote control in the central line console or generator can be equipped with CP-PROFI or CP-IO interface options.

The generator works with a resonant system, which ensures smooth, uniform treatment without risk of pin-holes. The CP generator operates at a transistor-controlled frequency of over 20 KHz.

Connections are situated at the bottom of the generator, and maintenance is carried out from the front. The electronics are modular, and are quickly exchanged, minimising downtime.

Generator - 80x51x172 cm (LxWxH)  
HP-transformer - 49x30x35 cm (LxWxH)  
std. 10 m between generator and HP-transformer  
std. 3 m between HP-transformer and station

