

INNOVATION AT WORK

weko



WEKO-BASIC

Fluid application with non-contact application system - with WEKO-Fluid-Application-System (WFA), consisting of WEKO-BASIC and WEKO-SIGMA rotor carrier, paper, textile, nonwoven and other webs can be ideally conditioned. The fluid can be applied precision-metered through spray application. What's more, the modular system can be adjusted flexibly enough to be profitable also with very small production runs.

This is how it works

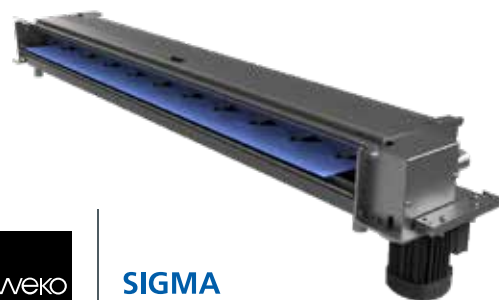
The WEKO-BASIC fluid supply unit provides the WEKO-SIGMA rotor carrier with the desired amount of fluids and controls the entire system. A pump delivers fluid from the storage tank to the rotor carrier. Through the rapid rotation of spray disks, they so-called rotors, a stream of micro-droplets is formed; they create a uniform fluid application. The application volume is thereby adapted to the machine speed. Fluids which not sprayed onto the web can be returned to the storage tank of the supply unit.

Convincing in handling and maintenance

The WEKO-BASIC is the compact starter model for the application of any fluids. It is comprised of the components supply unit and electrical cabinet with integrated operating unit for the supply and control of the WEKO-SIGMA rotor carrier.

All components can be handled conveniently during operation and maintenance and feature a long service life.

Suitable with WEKO-SIGMA



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BASIC

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SIGMA

WEKO-BASIC FLUID SUPPLY UNIT

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BASIC

With the WEKO rotor application system you have a system that convinces with exact, even and uniform liquid application and leaves nothing to be desired. Your process is perfectly repeatable realizing a stable quality for every production lot.



NEW!
Siemens control

YOUR BENEFITS

- Exactly defined application quantity, also in the minimal range
- Economic consumption of application medium
- Automatic speed adaptation
- Low energy consumption
- User-friendly through removable components
- Extremely high service life, short ROI period
- Compact design, modular adjustment
- **NEW! Siemens SPS control and monitoring**

Depending on your needs, single side or both sided application, you will find a suitable WEKO solution.

We have various supply units and rotor carriers - the right system for every application.

Even and exact application with reproducible quality

The fluid is supplied to fast rotating rotor discs and distributed by the centrifugal forces. This generates a uniform flow of ultra-fine micro-droplets.

Special designed windows creating precisely spraying fans for each rotor which overlap each other and lead to an even liquid application over the complete material web.

The contact-free application provides a constant flow of liquor and so reproducible results combined with gentle treatment of your tissue.

A frequency controlled pump spends 100% speed compensation and an automatic shutter helps to stay in standby mode if your machine will shut down for a moment or is preparing the correct process condition.

Low cost of ownership by minimal maintenance workload

WEKO as the originally founder and worldwide market leader of the rotor application used its more than 65 years experience to design an easy accessible and low maintenance application system - fluid supply units and rotor carriers.

The compact design enables easy access and the possibility for retrofitting on existing machines with less space is possible.

