

SPRAY FINISHING INNOVATION AT WORK

weko

NON-CONTACT FLUID APPLICATION



ANTI-FOG



ANTI-BLOCK



HYDROPHILIC



HYDROPHOBIC
SOIL REPELLENT



PLY BONDING



WATER BONDING



LUBRICANT



ANTI-WAVINESS



WHATEVER YOU NEED

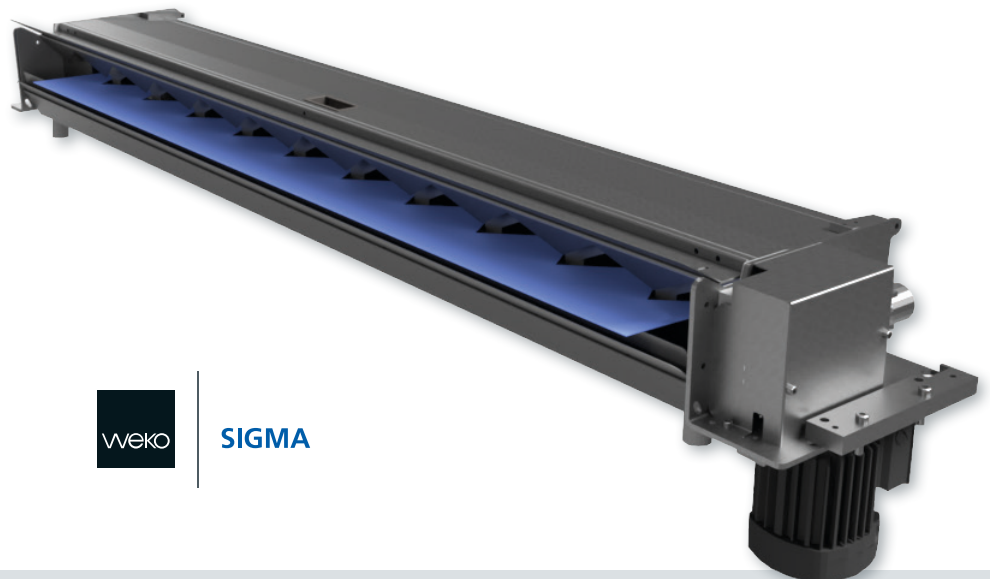
FUNCTIONAL FINISHING

Worldwide the demand of specialized and individual products is raising and diversity of finishings is growing. More flexibility in production is required while consumption of chemicals, water and heat energy becomes a bigger point in terms of sustainability and optimizing the margins.

Therefore WEKO offers high precision and non-contact minimal application systems for a wide variety of fluids.

Convincing factors are the precise spray quantity and the perfect reproducibility. The contact-free application prevents contamination of your chemical bath as well as uneven treatment across the entire production. Due to one or both side spray and high flexibility in recipe your chemical use could easily be reduced with full functionality. Low tank volumes, rinsing and cleaning processes helping to reduce your waste after production.

The system is designed for 100 % speed compensation up to 1200 m/min. and a spray width from 0,5 up to 7,5 meter.



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SIGMA

FUNCTIONAL FINISHING

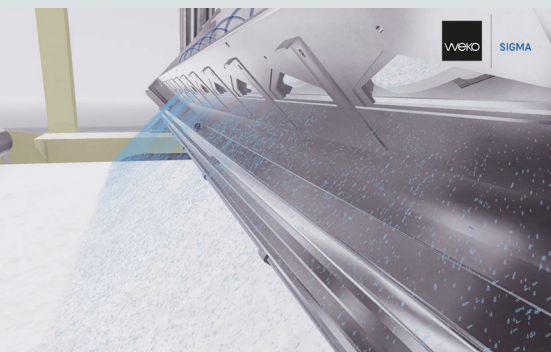
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SIGMA

INDUSTRIES

- PRINT
- PAPER
- PLASTIC FILM
- TEXTILE
- NONWOVEN
- TISSUE
- WOOD FIBREBOARDS

Also available as 45° up or down



The modular concept offers many options that make your daily work easier. Tailored to your needs. The compact design of the SIGMA rotor carrier also enables simple machine integration.

PRINCIPLE OF THE NON-CONTACT WEKO APPLICATION SYSTEM

The fluid is supplied to fast rotating rotor discs and distributed by the centrifugal forces. This generates a uniform flow of ultrafine 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.

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.



YOUR BENEFITS

- Contactless, reproducible and precise minimum application
- Single-sided, double-sided or different applications per side
- Fully variable format settings (option)
- Automatic speed adjustment
- Save water, chemicals and heat energy
- High production speeds up to 1200 m/min.
- Working widths from 292 mm up to 7500 mm
- Low maintenance and spare parts requirements



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YouTube VIDEO



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