

# BW Converting

Change for the better

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## Rotor Spray

Unlocking Application of Lotions and  
Fragrances for Exceptional Tissue Finishing

**BALDWIN**®

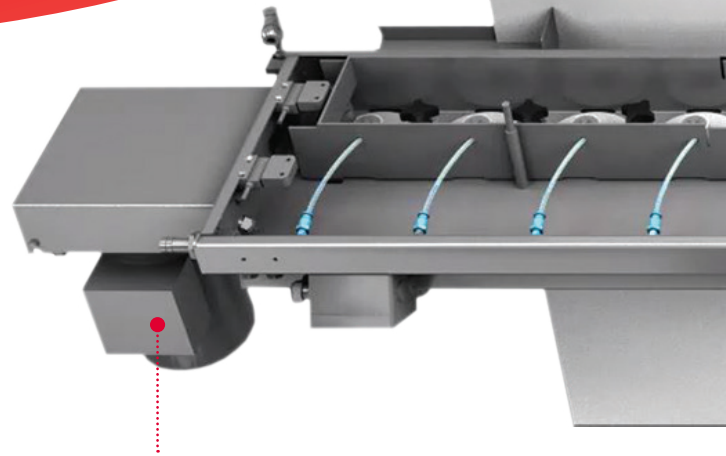
[bwconverting.com](http://bwconverting.com)

Experience the next level of precision in tissue production with BW Converting's Baldwin's Rotor Spray, designed to deliver flawless applications of lotions and fragrances for superior tissue products.

## Spray with Precision, Evenly and Uniformly

Baldwin's Rotor Spray system is engineered to guarantee an even and precisely dosed coating and moistening. Utilizing advanced rotor disk technology, process liquids are sprayed uniformly, ensuring consistency whether applied on one side or both sides of a substrate. With the capability to apply the thinnest possible coating and a maximum width of 6000 mm (236 inches), Rotor Spray sets a new standard in tissue production.

This Advanced Spray Application system is versatile, designed for both unheated solvents and those heated up to 60°C. The unique alternating direction of rotation allows for an inherently uniform spray application, independent of the distance from the spray to the substrate. This ensures no formation of stripes, a common issue with other systems.

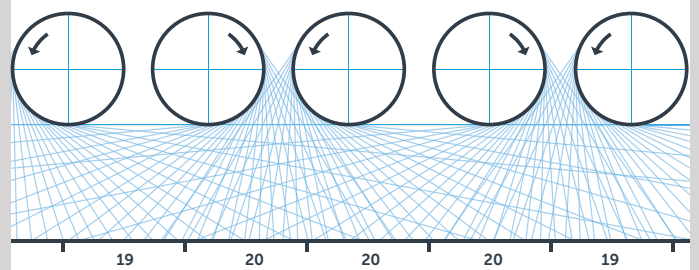


### Drive motor for rotors

Frequency controlled motor to adjust drop size

## Why choose the Baldwin Rotor Spray by BW Converting?

- Superior Add-on Performance: Achieve up to 30% more product add-on compared to competitors offering only 20%.
- Innovative Design: Features a single spray window and chamber, unlike competitors that use one per rotor. This ensures equal solvent distribution without stripes.
- Consistent quality of finishing thanks to mass-flow controlled dosing of the spray quantities.

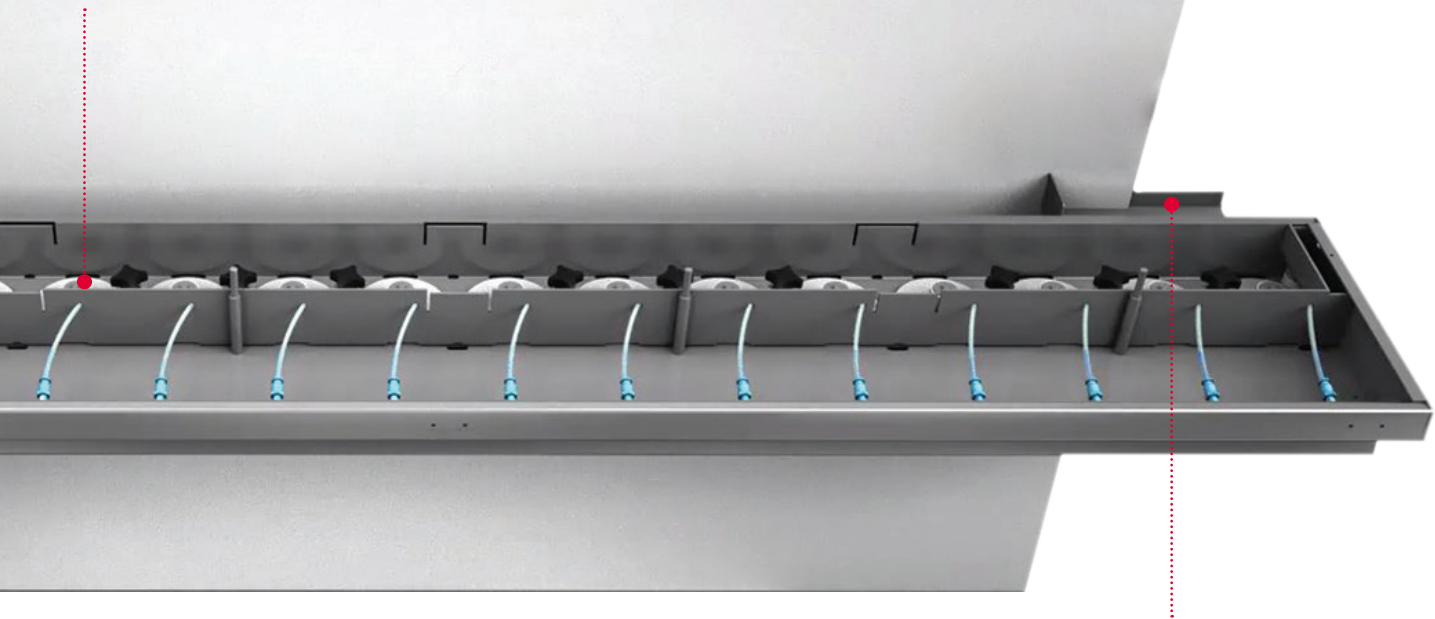


### Inherently uniform spray application

Alternating direction of rotation/single spray window

### Rotor carrier + rotor modules

Single modules with four rotors each for easy and fast service



### Plug-in tubes

Tubes with flow-restrictors equalizing liquid flow to every rotor

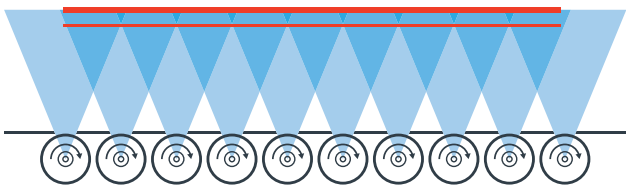
### Drop catcher

Avoids waste



### Multiple overlapping of spray fields

Distance Substrate - Rotor variable  
No formation of stripes



### Dual overlapping of spray fields

Distance Substrate - Rotor not variable  
Formation of stripes

## Easy Operation and Maintenance:

The system is easy to operate, has low maintenance costs and delivers high uptime. It's designed for easy integration, requires no drying and ensures contact-free liquid application with minimal amounts used—providing high value at a low investment.

## Experience and Expertise

With over 50 years of engineering expertise from the heart of Germany, BW Converting designs and manufactures the world's most efficient Rotor Spray systems. Experienced service technicians install and maintain your equipment worldwide, ensuring smooth, trouble-free operation.

Transform your tissue production today with BW Converting's Baldwin Rotor Spray.

# Key Benefits

Inherently uniform spray application

Alternating direction of rotation for consistent spray results

Single spray window and chamber for equal distribution and simple cleaning

Flexible distance from the substrate

High add-on percentage (30%)

Easy integration and low maintenance

No drying required

Ultra-low application possible down to 0,1 ml/m<sup>2</sup>

Precise, pulsation-free dosing with gear pump

Spray quantity controlled by mass flow

Oils till 200 mPas sprayable

# Spray Liquids

Aloe Vera

Vitamin E

Antimicrobials

Softener

Lotions

Balms

Water moistening ingredients

Encapsulated ingredients

## Example of Installation Interfolder Line

