



**News from  
the Voith Paper  
product world**

Optimization goals at a glance

# Smart products – great effects

It doesn't always have to be the construction of a new paper machine or the major retrofitting of an existing system – even small solutions can achieve a big effect. Voith Paper offers over 200 clever optimization products and services with major customer benefits. That's over 200 ways to improve the production process with low investment costs and a high return on investment. We present a selection of them in each issue of *twogether*.

So that you can see at a glance the goals that can be achieved with each product, we have introduced symbols that can now be found at the end of the product and service articles.

By assigning up to four points per goal, the benefit of a product can be quickly illustrated.

- 1 means "minimal" influence,
- 2 = significant,
- 3 = above average and
- 4 = used primarily for this reason.

In the text it looks like this:

On Focus	
ProSafety	+ □ □ □ □
ProEnvironment	+ + □ □ □
ProRunnability	+ + + + □
ProQuality	+ + + + □
ProSpeed	+ + + □ □
ProSpace	+ + + + □

The optimization goals of ProSafety, ProEnvironment, ProRunnability, ProQuality, ProSpeed and ProSpace are differentiated.

What lies behind these various labels is explained in more detail below:

### ProSafety – improves work safety and thus health protection

- Protection from injuries (intervention protection, maintenance of safety-relevant parts)
- Reduction of noise and emissions

### ProEnvironment – conserves resources and thus the environment

- Lowers water consumption
- Reduces energy consumption
- Reduces use of chemicals (retention agents, cleaning)
- Uses raw materials better (increases raw material efficiency)
- Reduces oil leakages

### ProRunnability – increases the running time efficiency of the PM

- Reduces downtimes (for cleaning, upkeep, clothing change)
- Reduces downtimes, increases security against unscheduled stoppages
- Reduces breaks
- Quicker threading after breaks, change or transfer at production speed/higher speed, e.g., through flying splice
- Reduces time for grade change

### ProQuality – increases surface efficiency and achieves a higher level of quality

- Improves surface longitudinal and cross profiles
- Improves formation
- Reduces two-sidedness
- Increases specific volume
- Improves printability
- Improves paper characteristics
- Reduces the amount of broke, reduces changeover broke (quicker grade change)
- Increases usable paper web width

### ProSpeed – increases the production capacity

- Increase in production speed due to:
  - higher dry content after press
  - higher drying performance in the dryer section
  - drives that allow higher speed

### ProSpace – with limited space conditions

- Retrofits that also function with limited space conditions or allow a production/quality increase without extension of the machine
- Products that require less space than comparable products from competitors