

TrackLight

Exact edge deckle positioning
prevents unscheduled downtime





Let there be light!

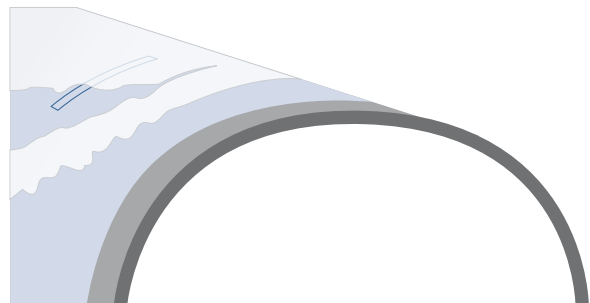
So far, the positioning of edge deckles in suction rolls is a gamble rather than precise adjustment. Without a lot of experience and stepwise improvement, the vacuum chambers usually do not cover the paper web's width as they should.

This may result in either unnecessary vacuum energy consumption or in paper breaks due to edge flipping. Some papermakers even reported damage to the entire movement mechanism after excess handling. Voith engineers therefore came up with a simple but clever solution: TrackLight!

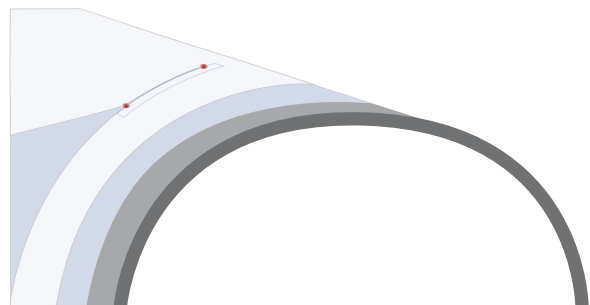
The functionality of TrackLight is pretty smart: Instead of guessing the exact position of the edge deckles, strong light sources indicate the deckles' precise positioning. The mill's team can thus adjust the vacuum chamber easily according to the paper web's width.

The intuitive technology does not require long start-up periods, extensive training or frequent maintenance. All you need is a regular mechanical roll service at one of the service centers to get your edge deckles up to date.

Danger of edge flipping Before TrackLight



Precise edge deckle positioning With TrackLight





- 1 Edge deckles under control with TrackLight from Voith
- 2 Strong light sources turn edge deckle positioning into a piece of cake

Saving time and costs in one blow

Current edge deckle positioning requires valuable time and a lot of experience, as the deckle's position needs to be identified and then adapted step by step. TrackLight indicates directly the location of the edge deckle so it can be adjusted to the ideal position on the spot. This not only reduces adjustment times, but also has a direct impact on costs, as edge flipping induced broke and unnecessary air blower stress are avoided.

More than just light, pure energy!

Before TrackLight, improving vacuum efficiency by diminishing the vacuum chambers also came along with the risk of edge flipping, broke and pick-up problems. Exact positioning of the edge deckles now allows running the blowers at optimum efficiency, but still avoiding complications with the paper web. Furthermore, overstressed mechanics due to unaware movement of edge deckles as well as their costly replacement are a thing of the past.

It all comes with a single roll service

Upgrading your suction rolls to TrackLight does not require time and trouble from your side. Voith service engineers will take care of it during a normal roll service. The upgrade includes several 24V lamps per suction roll with quick coupling for easy assembling and disassembling during a roll change.

Moreover, it comes with an on/off switch. Placed near the roll, the switch box guarantees best visual access. In addition, TrackLight enables controlled illumination with other trigger signals, e.g., web break detection, if implemented within the machine's automation system.

TrackLight All benefits at a glance

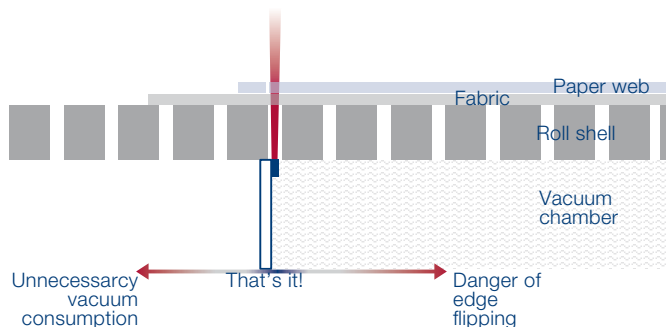
- + Precise edge deckle adjustment prevents edge flipping
- + Exact display of zone width helps to correctly adjust suction chamber and minimize vacuum loss
- + Visual display avoids unscheduled downtime through overstressed movement mechanics

75,000 € savings per year with TrackLight

European paper mill producing packaging grades

Breaks reduced per year	75
Production loss per break	10 min
Loss prevented with TrackLight	12.5 h / a
Average loss of production	6,000 € / h
Saved money	75,000 € / a

TrackLight Get your vacuum right!



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