



Save fibers – increase edge stability EdgeSaver

Lower your energy and raw material costs: The unique EdgeSaver edge trim concept separates the web edge already in the headbox jet. This not only cuts down on valuable raw materials, such as virgin fibers, but also reduces energy consumption. In addition, the paper web width can be individually adjusted in the wet end, depending on customer requirements.

Unique design for optimal production conditions

With the EdgeSaver, Voith effectively further develops its portfolio for stabilizing the web edge in the headbox area. The unique design of the blade offers a simple and energy-efficient solution to adjust the web edge directly in the headbox jet, without the need for high pressure or fresh water for edge cutting. In addition, the web width can be adjusted as required. This brings decisive advantages, especially in the production of different paper grades with different run-out widths at the headbox. Fibers that exceed the required paper web width are not lost in the couch pit, as they are discharged before the suspension reaches the wire. The discharged stock suspension can thus be returned directly to the primary fiber stock cycle in a single-sort process.

This leads to a significant reduction in raw material costs – especially in the production of multi-ply paper grades. The EdgeSaver thus pays for itself after just a few months and also ensures a lower CO₂ footprint in paper production.

Apart from the cost benefits, the EdgeSaver convinces by improving paper quality. Thanks to its specially manufactured side shield with adjustable S-shape, edge waves are minimized. This improves edge stability and, among other things, facilitates successful threading of the web into the press section.

Your advantages

- + Significant savings on high quality pulp grades
 - + No high pressure or fresh water required for separation
 - + Flexible and easy adjustment of headbox jet width
 - + Fast return on investment of only a few months
 - + Suitable for headboxes of all manufacturers
 - + Service position for quick wire changes and maintenance
 - + Adjustable while the machine is running
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Two-in-one solution

The EdgeSaver offers a two-in-one solution in that it is both a fiber-saving unit and a web width adjustment system. The adjustment of the side plate seal can be made over the entire length of the EdgeSaver – even during running production – so that different web widths in the wire sections of multi-layer paper machines can be optimally matched to each other.

Easy mounting and cleaning

Since mounting on the common headboxes of all manufacturers is possible, operators of existing machines also benefit from the unique EdgeSaver edge trim concept.

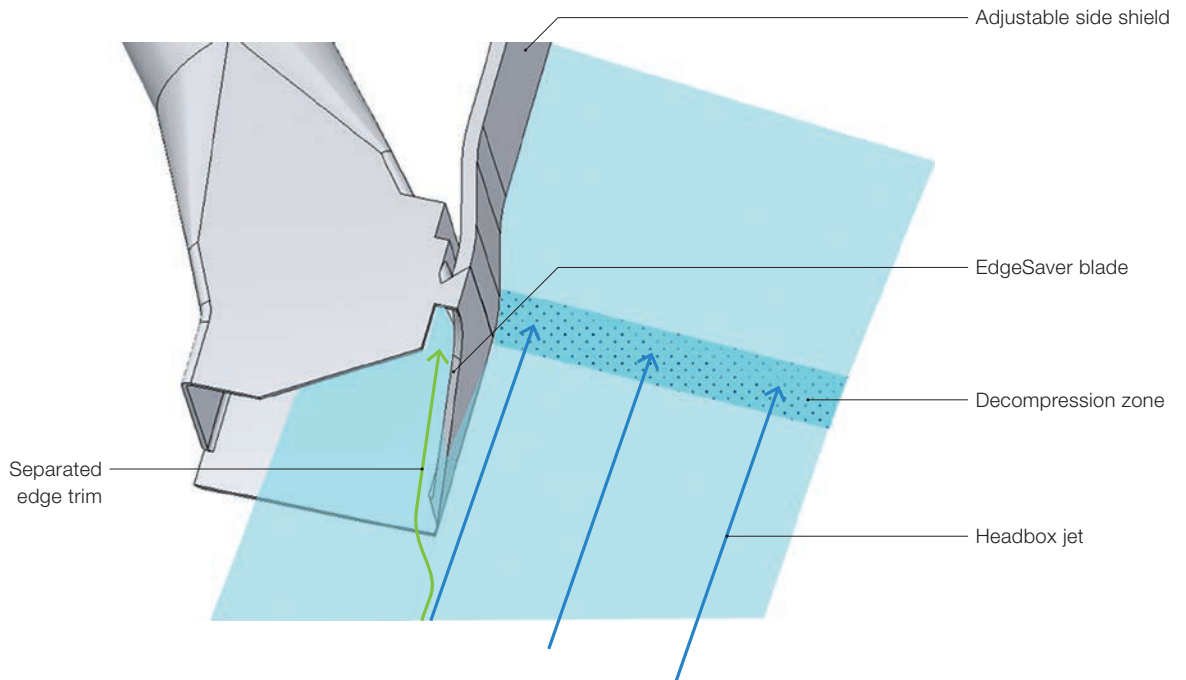
Its product design, in combination with optimally arranged and freely adjustable cleaning nozzles, reduces the risk of pulp deposits and thus avoids disturbances caused by falling particles.

EdgeSaver can be easily installed on both sides of the web in just a few hours during a shutdown. Even a fabric change is no hurdle: The clever swiveling device allows convenient replacement of the forming fabric without having to restore the optimized settings on the EdgeSaver afterwards.

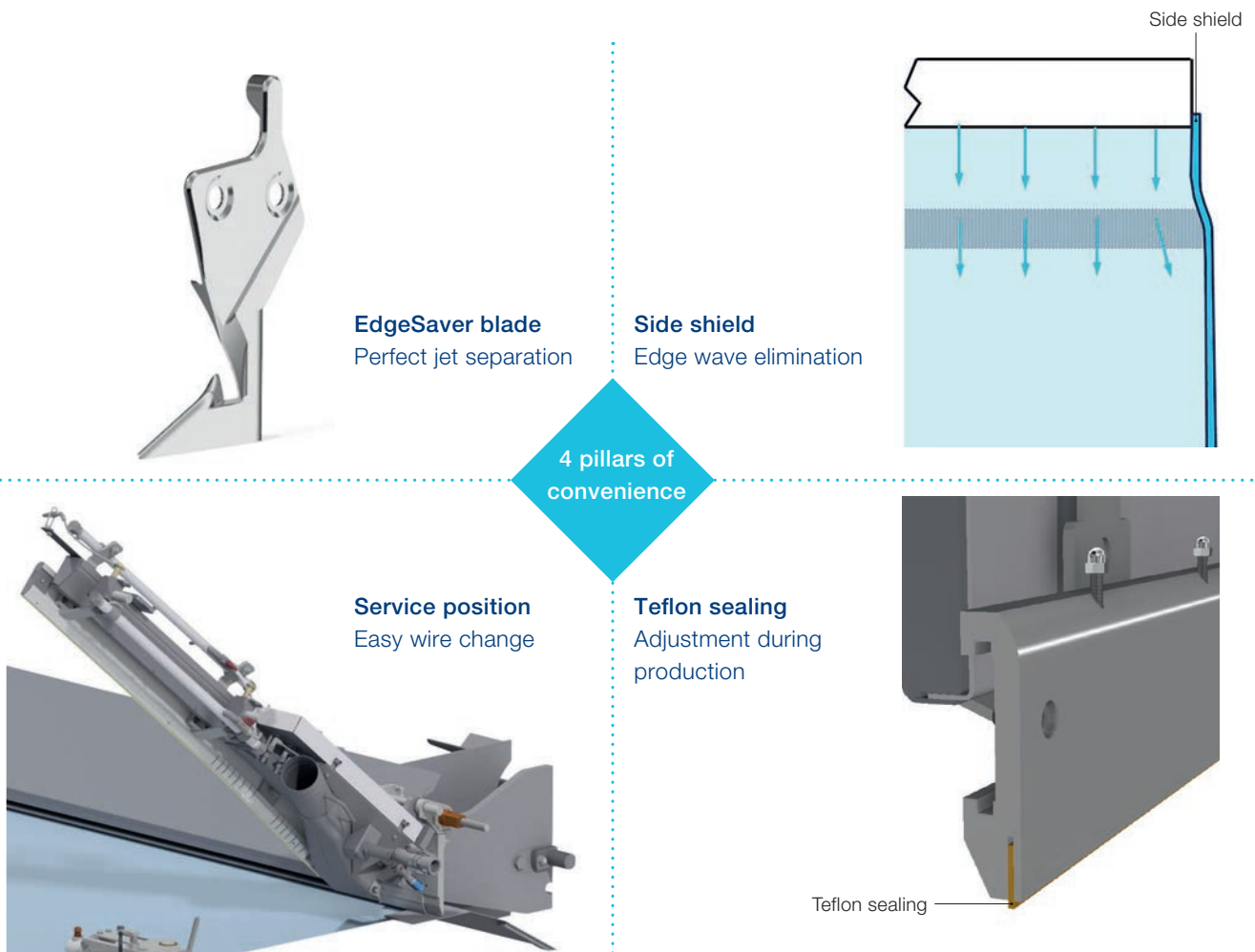
“The EdgeSaver enables us to variably adjust the paper web width without major rebuild measures. Even with changing production parameters, we are able to produce without restrictions with the EdgeSaver from Voith, thus reducing breaks and production losses due to defects in the edge area. In addition to the reliable production suitability, we are also convinced by the new sealing technology, which can be readjusted during operation and does not endanger the forming fabrics in any way.”

Andreas Jaeger, Plant Manager MM Neuss GmbH

Working principle



Unique EdgeSaver design



Please click on this [link](#) or scan the QR code to visit our Edge components website:



Voith Group
St. Poeltener Str. 43
89522 Heidenheim
Germany

www.voith.com

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Just contact us via our **webform**.



Contact:
Phone +49 7321 37-0
paper@voith.com



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