



PERFORATED UHLE BOX COVERS

Solutions for improved
dewatering

PERFORATED UHLE BOX COVERS

Uhle boxes are crucial for process efficiency and improving dewatering, cleaning, and energy sav-

ings in the press section of a paper machine. Typically, the boxes are equipped with two or three blades or custom designed covers. For more

advanced applications, ANDRITZ offers perforated Uhle box covers to increase dewatering and/or reduce vacuum consumption.

ANDRITZ

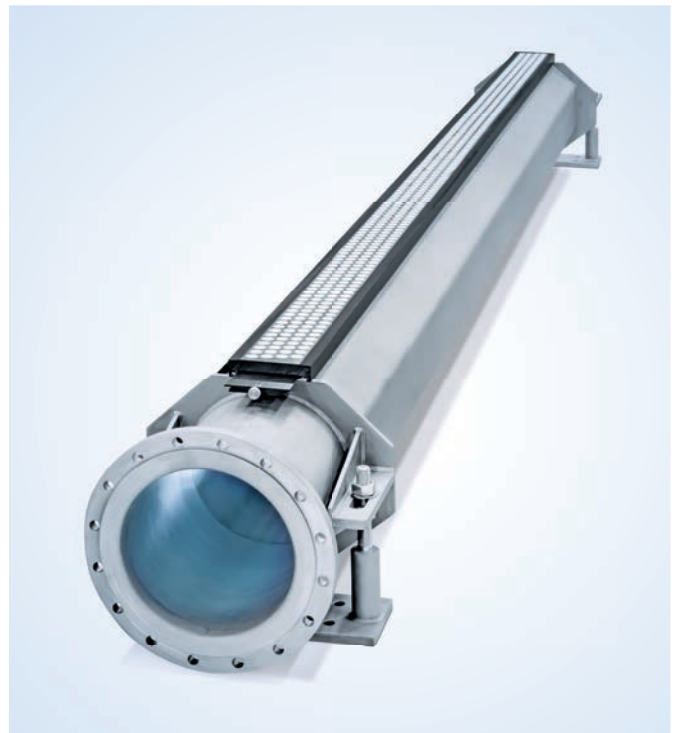
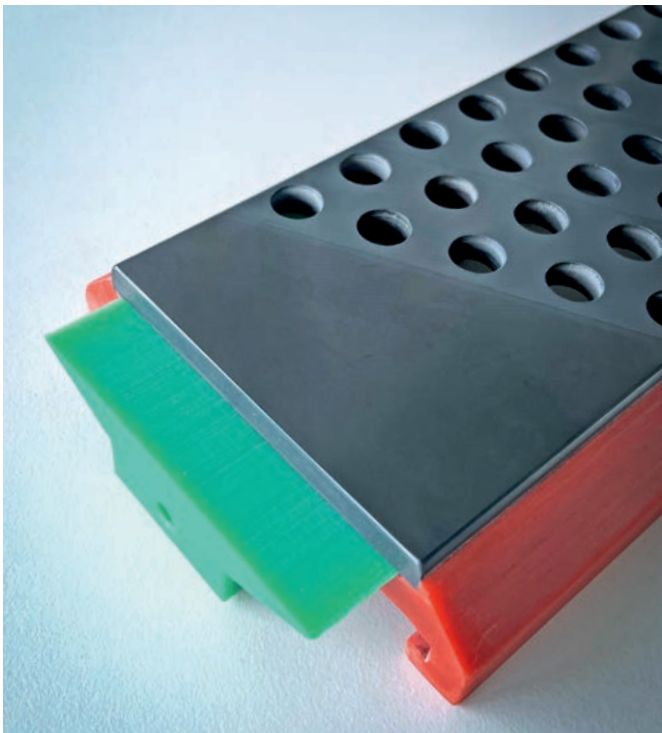
ANDRITZ Perforated Uhle Box Covers

The ANDRITZ perforated Uhle box cover features precision-drilled holes in various patterns, allowing the vacuum to effectively remove water from the felt and web. The different patterns are optimized to provide a larger open area, which enhances water removal efficiency and felt cleaning, and thus contributing to higher sheet dryness and more stable press performance. It can also reduce vacuum energy consumption by enabling effective dewatering at lower vacuum levels, helping to lower energy consumption.

ANDRITZ customizes perforated cover design and drilling patterns for the specific grade, machine speed, and felt type.

BENEFITS

- Increased dewatering
- More stable press performance
- Lower vacuum level



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