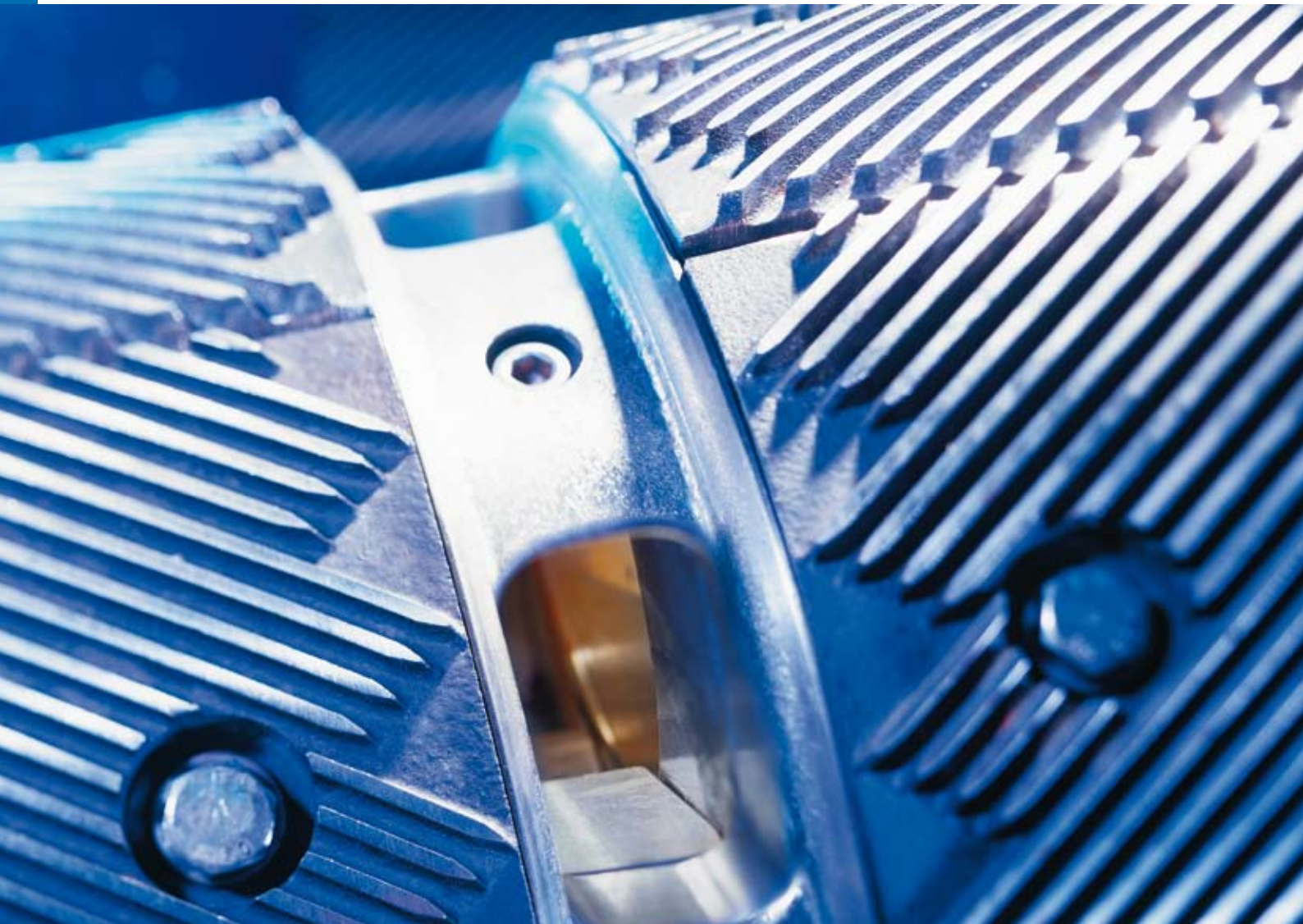


# Papillon Refiner

Gentle and Stable Refining



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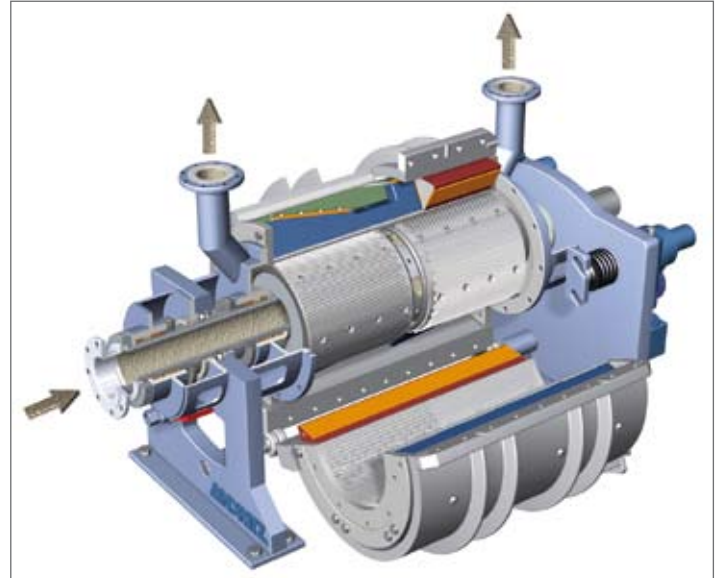
## Gentle fiber treatment with low energy consumption

The ANDRITZ Papillon refiner consists of a cylindrical shaped refining zone. The cylindrical geometry combines gentle and stable fiber treatment from inlet to outlet, low energy consumption, and simplified equipment maintenance.

The cylindrical refiner, with its extremely small diameter of refining area, is miserly with energy and is much more energy-efficient than conventional design.

Compact and stable design of the Papillon results in low space demand, and accurate gap adjustment. Easy and comfortable access to the refiner segments ensures the shortest possible down-time. Central inflow into the refining area together with optimized plate design delivers high throughput.

The gentle treatment of the fibers throughout the refining stage results in superior fiber – and superior paper properties, such as high tensile and tear.



### Benefits

- **Optimum development of the fiber potential by using a cylindrical machine concept**
- **Reduction of operating costs in terms of net refining energy and no-load energy**
- **Improved paper appearance and runnability of the paper machine**



Papillon refiner	CS380	CS450	CC380	CC450
Diameter [mm] / [inch]	380 / 15	450 / 18	380 / 15	450 / 18
Installed maximum power [kW] / [HP]	400 / 540	630 / 850	800 / 1070	1600 / 2150
All data subject to change.				

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