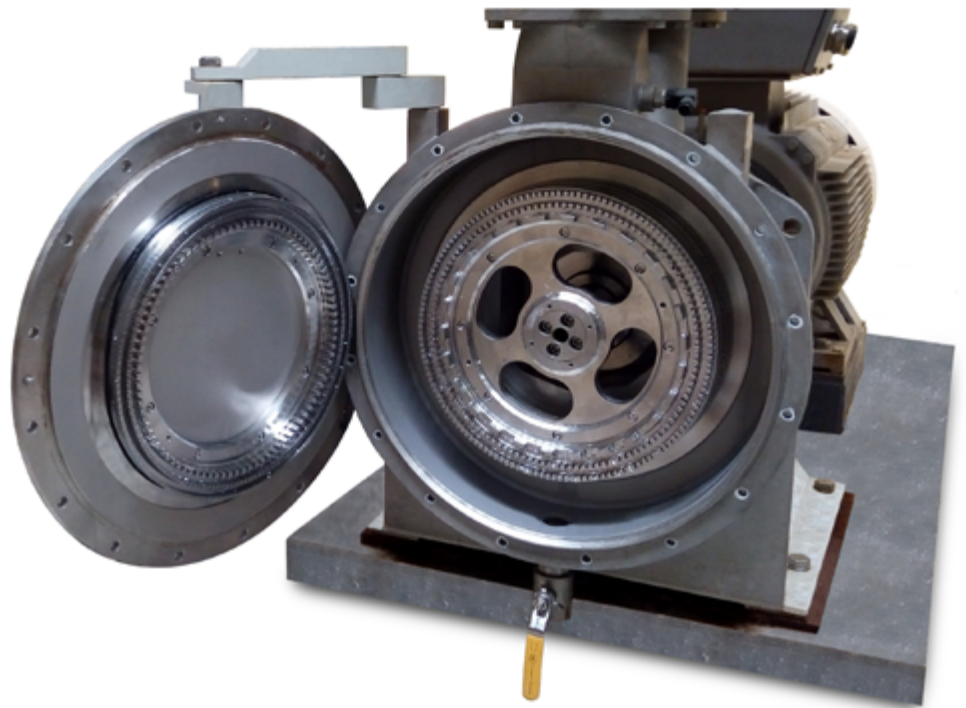


Better runability thanks to optimum fiber breakdown

Deflaker



Your benefits

- + Low specific energy requirement
- + Optimum breakdown of fibers through acceleration and deceleration processes
- + Greater machine availability leads to improvement of entire process
- + Good accessibility for fast and safe replacement of fillings and easy maintenance
- + No refining effect

The deflaker uses acceleration and deceleration processes to achieve optimum separation of fibers when treating pulp, recovered paper and broke, allowing process efficiency to be substantially improved.

The proven filling design of the Voith deflaker enables wet-strength fiber bundles (flakes) to be defibered and reliably prepares machine broke. The deflakers work extremely gently and maintain the respective fiber length of the fibers contained in the suspension. The easy to open cover ensures good and safe accessibility.

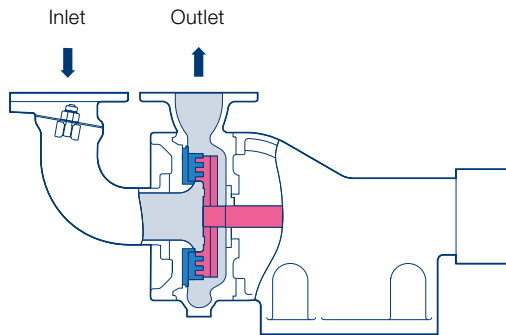
Four variants are available with nominal volume flows of between 1 000 and 8 000 l/min and an admissible motor output of 90 to 800 kW. The absence of flakes in the fiber suspension reduces the frequency of sheet breaks in the paper machine. This results in a substantial increase in machine availability and consequently, in efficiency.

Technical data

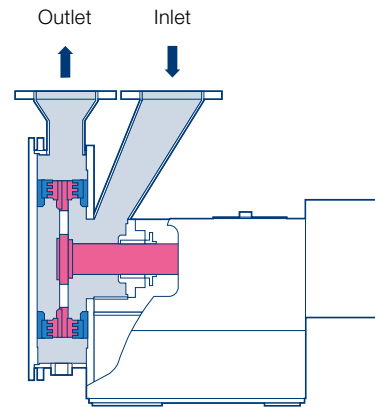
| Size | E1K | E2000 | E4000 | E8000 |
|---------------------------------------|-------|-------|-------|-------|
| Nominal throughput [l/min] * | 1 000 | 2 000 | 4 000 | 8 000 |
| Admissible installed motor power [kW] | 90 | 200 | 400 | 800 |
| Speed 50 Hz [1/min] | 3 000 | 3 000 | 1 500 | 1 000 |
| Speed 60 Hz [1/min] | 3 600 | 3 600 | 1 800 | 1 200 |
| Consistency [%] | 3–6 | 3–6 | 3–6 | 3–6 |

* depending on type of fillings

Deflaker E1K



Deflaker E2000, E4000 and E8000



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