



The highest deaeration with lowest integration outlay CycloMech

White water deaeration offers an attractive retrofitting solution, especially for packaging paper where no deaeration was provided with the first installation. Such companies are thus interested in a simple retrofitting solution.

Mechanical deaeration with the CycloMech allows efficient reduction of air in the approach flow system. This is a compact and attractive retrofitting solution, which is easy to integrate into an existing system. The specialty of the CycloMech is its low energy consumption due to functional separation of deaeration and conveying the suspension.

Customer benefits

- **Optimal paper quality**
 - improved formation
 - no pinholes
 - **Reduction of operating costs**
 - increase in paper machine availability
 - easier dewatering
 - **Reduction of chemical consumption**
 - less need for anti-foaming-agent
 - less need for deaeration chemistry
 - less retention agent need
 - reduced need for biocide
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Areas of application

Application for deaeration of white water for the production of graphic and packaging paper.

Options and possible combinations

Deaeration of the white water is sufficient for most applications. For higher deaeration requirements, white water deaeration can be combined with cleaner deaeration (HCL5C).

Sizes

		DCM05/08	DCM09/16
Throughput	[l/min]	10 000	45 000
	[gpm]	2 650	11 900
Power consumption (Machine and pump)	[kW]	30 – 50	150 – 180
	[HP]	47 – 67	200 – 242
White water consistency [%]		0.3 – 1.0	0.3 – 1.0

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