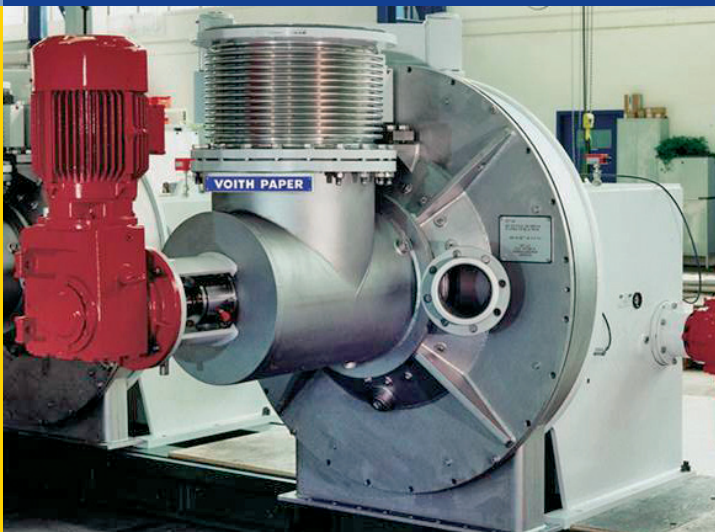


Dispersion Disperser HTD.ED and DX.CI with direct heating



Your requirements

- Good washability and flotability of stock
- High visual quality of end product
- Low level of macro stickies and improved paper machine runnability
- Efficient mixing of bleaching chemicals
- High reliability, low operating and maintenance costs
- Small footprint
- High energy efficiency

Our solutions

- Steam heating directly ahead of the dispersion zone
- Compact, space-saving sub-system design
- Electromechanical gap adjustment for controlling specific energy and ensuring optimal and consistent quality
- Fast and easy exchange of fillings
- Wide range of filling patterns for a variety of applications and process requirements

Your benefits

- Stable operation for consistent pulp quality
- No separate pre-heater
- Lower overall energy consumption
- Fewer machines required for disperser system gives less maintenance and improved availability
- Homogeneous mixing of bleaching chemicals
- Efficient development of strength properties

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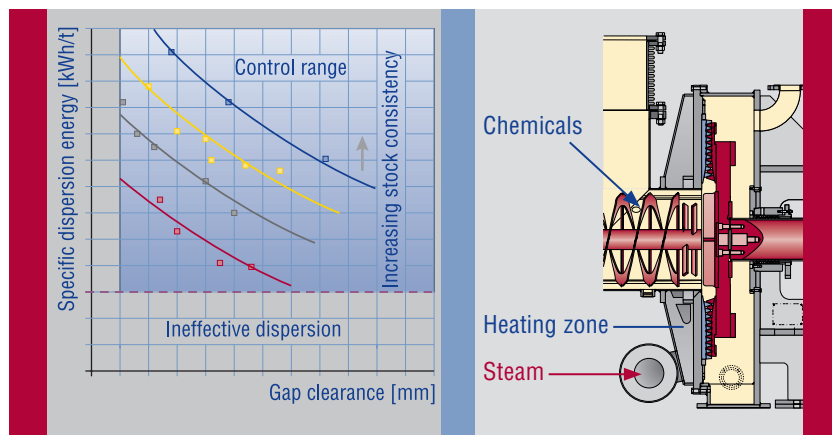
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Technical data

Size		HTD150ED	HTD250ED	HTD450ED	DX2500CI	DX4500CI
Throughput	[t/24h]	50 – 150	100 – 250	200 – 450	400 – 700	600 – 1000
Max. installed power	[kW]	550	900	1500	2500	4500
Speed (50Hz / 60 Hz)	[1/min]	1500 / 1800	1000 / 1200	1000 / 1200	1000 / 1200	1000 / 1200
Spec. dispersion energy	[kWh/t]	30 – 80 (120)				
Inlet stock consistency	[%]	25 – 35				
Outlet stock consistency	[%]	15 – 35				



Operation characteristic

VOITH
 Engineered reliability.