

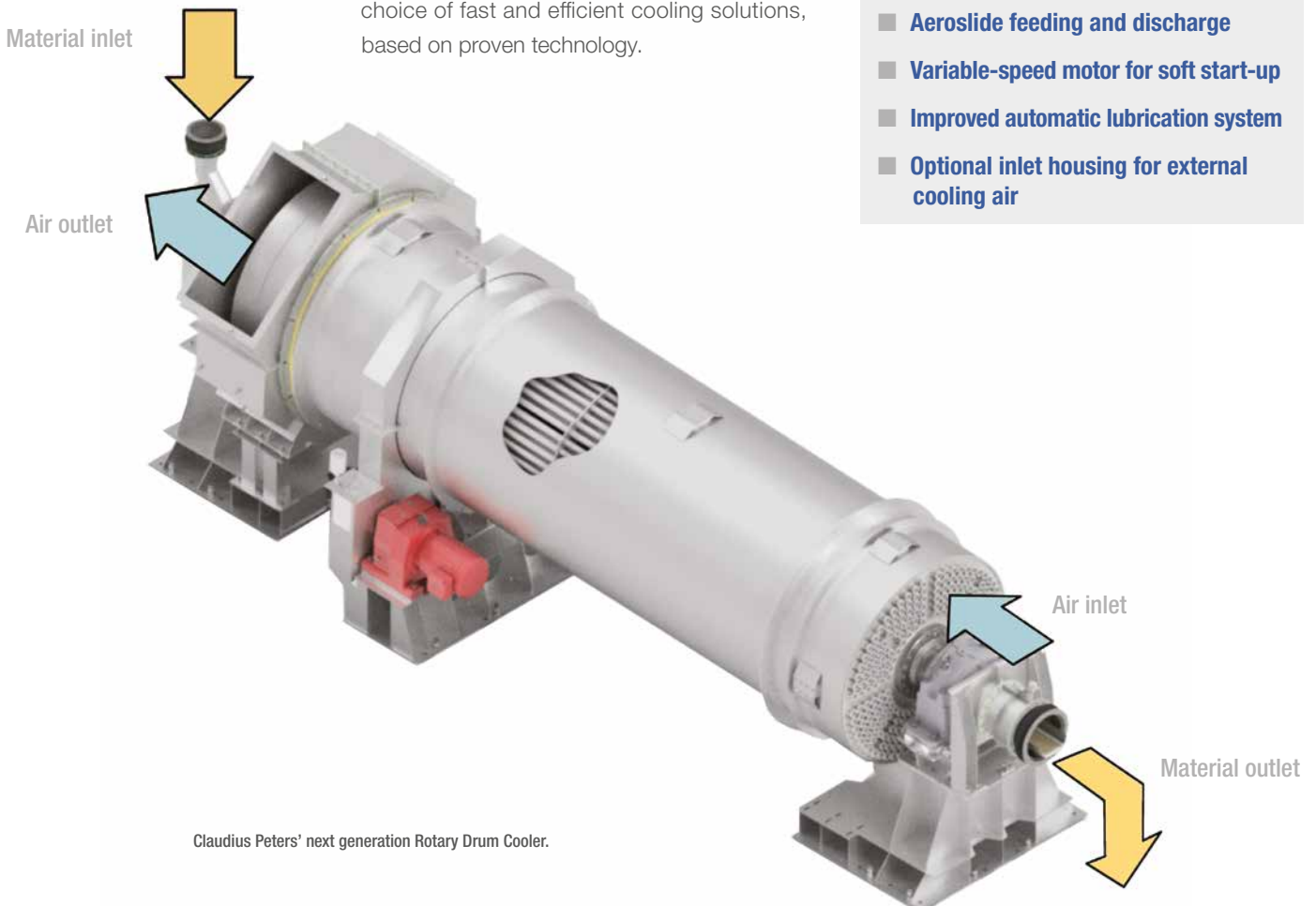
Rotary Drum Cooler

The next generation in cooling

After successfully supplying the gypsum calcining industry with Rotary Drum Coolers for more than two decades, Claudius Peters has developed the next generation of Rotary Drum Coolers with many new features that optimize the gypsum calcining process and decrease the need for maintenance.

Materials at processing temperatures of approx. 150° C must be cooled to lower temperatures for further processing. Claudius Peters offers a choice of fast and efficient cooling solutions, based on proven technology.

- **Trunnion bearings**
- **Central axis feeding and discharge**
- **Aeroslide feeding and discharge**
- **Variable-speed motor for soft start-up**
- **Improved automatic lubrication system**
- **Optional inlet housing for external cooling air**



Claudius Peters' next generation Rotary Drum Cooler.

Rotary Drum Cooler

The Rotary Drum Cooler

The Claudius Peters Rotary Drum Cooler can yield up to 100 tonnes of product per hour. It works on the counter-current indirect principle, with an air fan drawing cooling air through a tube bundle and transferring the heat energy from the stucco into the air.

The heat energy of the cooling air in this process can be re-used as pre-heated combustion air for the hot gas generator, providing a considerable reduction in plant energy costs. Material to be cooled is homogenized during the cooling process. The retention time this allows effectively reduces reduction of unwanted by-products such as soluble anhydrite and dehydrate.



The VFD controlled fan drive motor grants a constant stucco temperature for all seasons and temperature fluctuations.



Central axis discharge reduces the building height.



Claudius Peters Projects GmbH

Schanzenstraße 40, DE-21614 Buxtehude, Germany.

T: +49 4161 706-0

E: projects@claudiuspeters.com

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Issue 1. Due to a policy of continued improvement, we reserve the right to change any specification without prior notice. ERRORS & OMISSIONS EXCEPTED.



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