Horizontal Impact Calciner (HIC)

CLAUDIUS PETERS

The Claudius Peters Horizontal Impact Calciner has been specially developed for the calcining of synthetic gypsum, where fine raw materials with a high degree of free moisture, eliminates the need for grinding.

Direct calcining technology for fine raw material processing

Claudius Peters' next generation Horizontal Impact Calciner

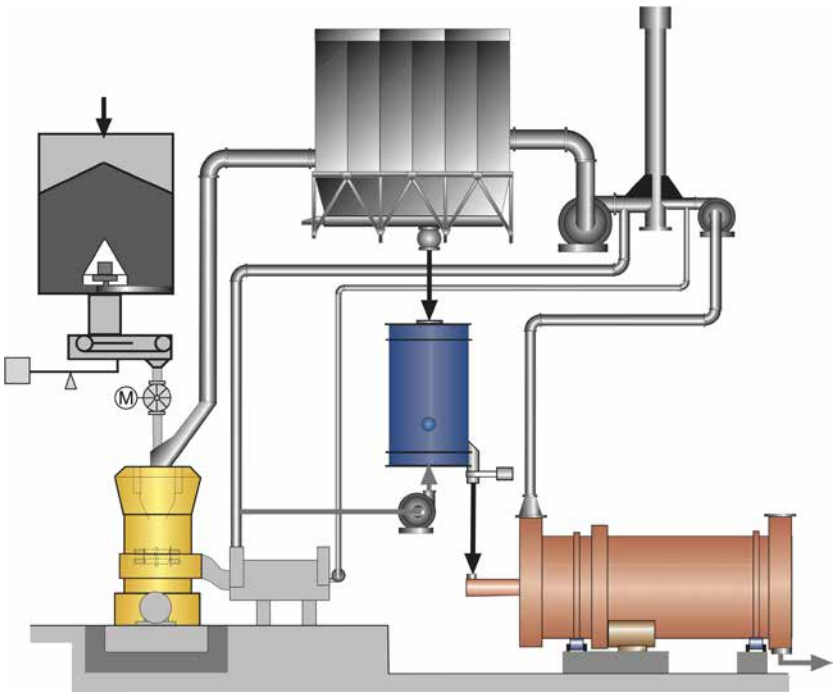
- **Processing up to 80 t/h in a single calciner unit**
- **Direct full calcining in proven mill circuit without a pre-heating process**
- **Calciner with integrated classifier**
- **Downstream stucco treatment in CP homogenizer**
- **Stable and consistent stucco quality suitable for gypsum wallboard and plaster manufacturing**
- **High stucco quality with low water demand**

The Horizontal Impact Calciner

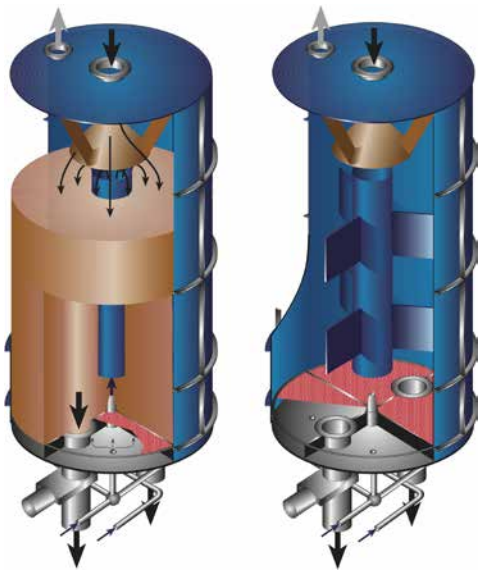
The Horizontal Impact Calciner is state-of-the-art technology capable of processing up to 100 tonnes of product per hour in a single calciner unit. Allowing direct, full calcining, it offers the added benefits of high stucco quality, efficiently calcined in one stage.

At the heart of this process is the calciner housing design based on the reliable EM Mill. This enables product to be evenly fed into the hot gas stream via the impact plate where crushing then takes place. In addition, the integrated classifier ensures the most suitable retention time of the product within the calciner, delivering synthetic gypsum of the highest quality.

Impact table of Horizontal impact Calciner



Calcining synthetic gypsum in Horizontal Impact Calciner.



HP Homoginizer

Claudius Peters Projects GmbH
Schanzenstraße 40, DE-21614 Buxtehude, Germany.
T: +49 4161 706-0
E: **projects@claudiuspeters.com**

CLAUDIUS PETERS GLOBAL
BRAZIL | CHINA | FRANCE | INDIA | ITALY | ROMANIA | SINGAPORE | SPAIN | UK | USA
AND ADDITIONAL WORLDWIDE REPRESENTATION

claudiuspeters.com

A Langley Holdings Company