

Lindner-Werke, Dettelbach, Germany

The Project:

Industrial manufacture of gypsum fibreboard panels

Companies involved:

Lindner GFT GmbH

Grebner Reinigungssysteme (Cleaning Systems)

The Problem:

Pumping of residual water containing gypsum from the production process, with a solids content of 15-20%. The pumps are required to operate in "on-snore-mode", with fluctuating delivery volumes.

The Solution:

Use of one pump each of the types KTV2-50 and KTV2-80 with stirring systems (weight 24kg and 37kg in each case). These types are easy to clean and, with the aid of the stirring systems, can pump water containing solids without any problems. First maintenance was carried out after 16 months, and the oil was absolutely perfect. The only replacements made were the shaft protection sleeve, the shaft sealing ring and the rubber parts of the pump housing.



Specifications KTV2: <https://www.tsurumi.eu/en-LV/ktv2>

In the event of abrasive and corrosive utilization, stronger wear and tear will take place naturally in certain components. With regards to the above application wear and tear can take place mainly in impeller, agitator, suction plate, shaft sleeve, oil ring, mechanical seal, pump casing, strainer, motor casing and discharge coupling. Depending on the working conditions the lifetime of those parts might vary significantly and can be shorter than the legal warranty period.

In this regard, please pay attention to our [general terms and conditions](#) that we also send to you by mail on request.

