

# Moisture measurement in building materials and other Powder & Bulks with LIEBHERR Litronic-FMS II.

# Job-Report

## Application:

- Moisture detection in raw materials and finished products (e.g. sand, coal, ore, minerals, slag, glass, ashes, powder, filter cake,...).
- Measurements in different production plants (e.g. before and after dryers, belt conveyors, material chutes,...).
- Monitoring and controlling of production processes.
- Implementation of the moisture value in control systems.

## Selection / Solution:

- Looking for and fixing of a good installation place.
- Selection of suitable LIEBHERR moisture measurement system FMS II with sensor(s), electronic module, software and accessories like sliding shoe.
- For very abrasive materials using of a special wearing protection.
- Installation at measurement point with data recording.
- Parameterization with start-up direct at the plant.
- Data transfer of measurement values to control system.

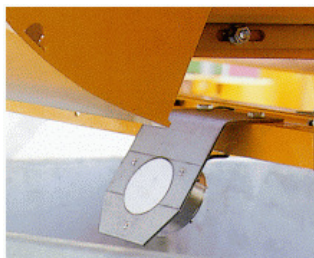
## Customer's benefit:

- Exact determination and observation of product moisture.
- Quality and process safety.
- Process monitoring, -controlling and analysis.
- Transparency by recording of all data.
- Fully automatic production lines.

## Installation examples:



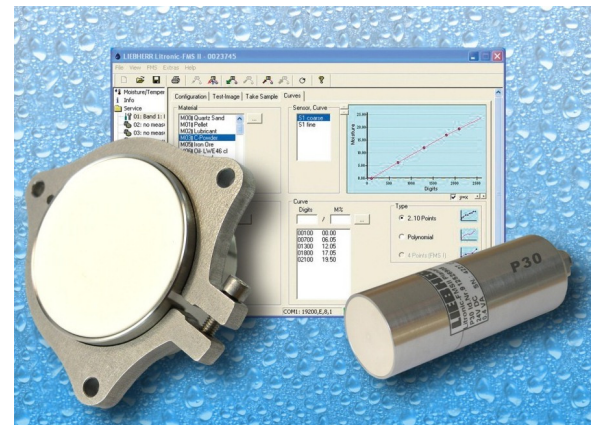
Material chute



Silo outlet



Belt conveyors



Litronic-FMS II:  
Sensor, electronic module and software.

Upon request we would be glad to send further information or references.