



One step ahead, with the HÄNDLE Gypsum wallboard recycling plant GRC for raw material recovery.

## Gypsum wallboard recycling plant GRC

Thinking of the future today!



# Gypsum wallboard recycling plant **GRC**

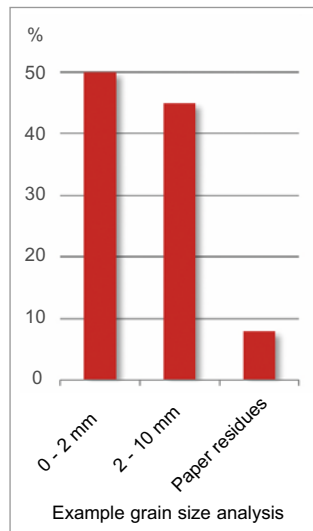
The global demand for gypsum is constantly increasing. In addition to the limited natural gypsum resources, the switch to renewable energy sources has led to a reduction, as the REA gypsum generated in coal-fired power plants is no longer available. In addition, environmental regulations prohibit the storage or disposal of gypsum waste on stockpiles and land-

fills. With the trend-setting process of the HÄNDLE Gypsum Recycling Plant GRC, gypsum wallboards can be recycled into pure gypsum with different grain sizes (0 – 2 mm to 2 – 10 mm) and that in an environmentally friendly way. The raw material thus obtained can be used directly in the gypsum and cement industry.

## Benefits

- From waste product to valuable secondary raw material in a few steps
- Highest quality through process reliability
- Different grain sizes according to customer requirements
- Modular design » individual adaptation to customer requirements
- Optionally with dust extraction, metal separation and control technology

## Technical data



TYPE	Throughput-capacity t / h
<b>GRC 5</b>	5
<b>GRC 10</b>	10
<b>GRC 20</b>	20
<b>GRC 25</b>	25
<b>GRC 35</b>	35
<b>GRC 40</b>	40

Subject to technical modification due to ongoing development.

## Exemplary plant layout - HÄNDLE gypsum wallboard recycling plant



Plant layout consisting of even feeder, conveying system, disintegrator, screen and various options