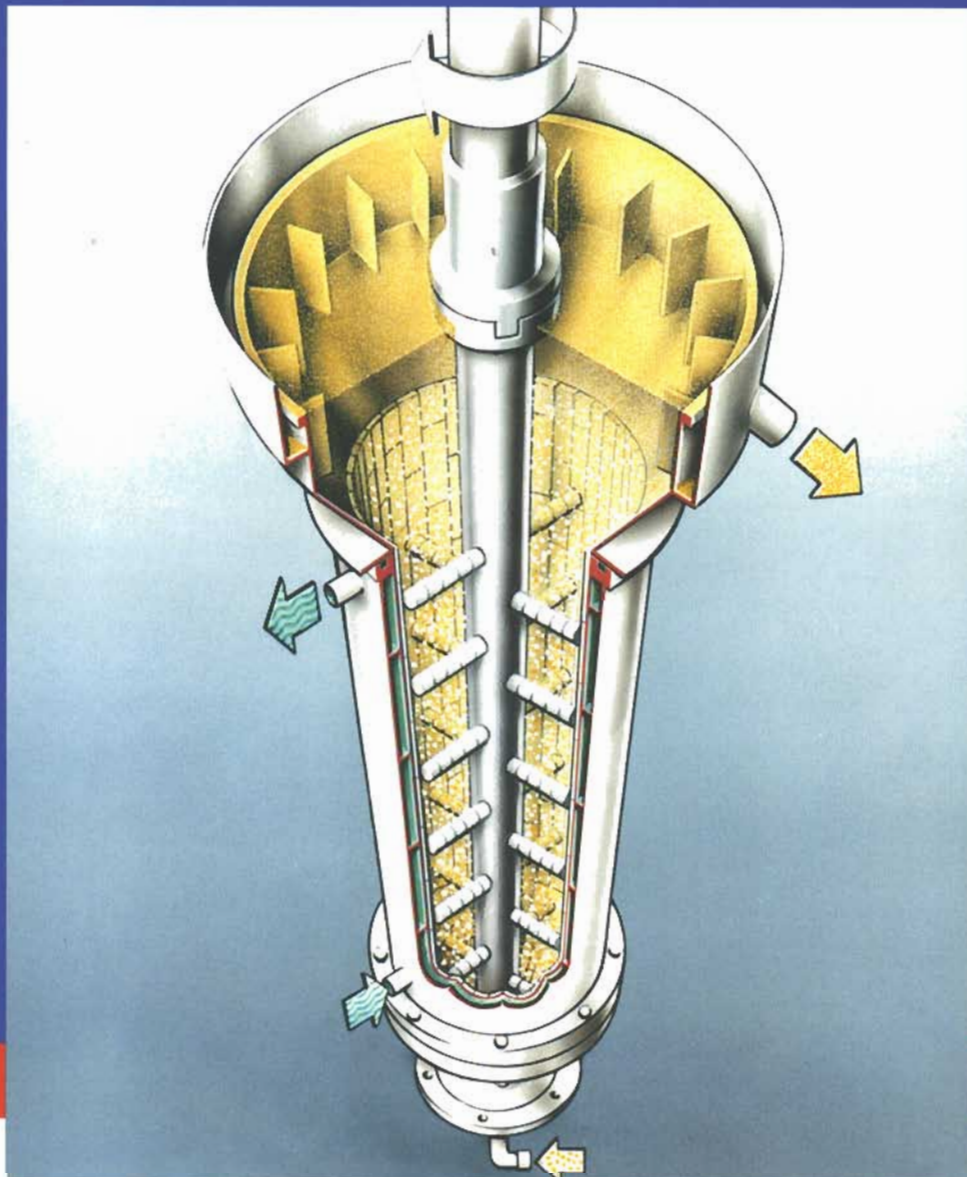


# WET PROCESSING TECHNOLOGY AGITATED BALL MILL ANR



**HOSOKAWA ALPINE Aktiengesellschaft**

# Agitated Ball Mill ANR

## Ultrafine grinding of minerals

The ALPINE ANR is an agitator ball mill in conventional open design. This design permits a simple and yet sturdy construction and the manufacture of large machine sizes.

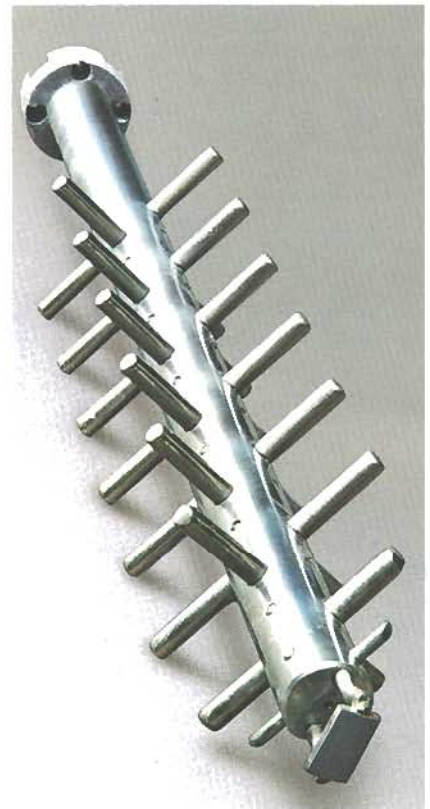
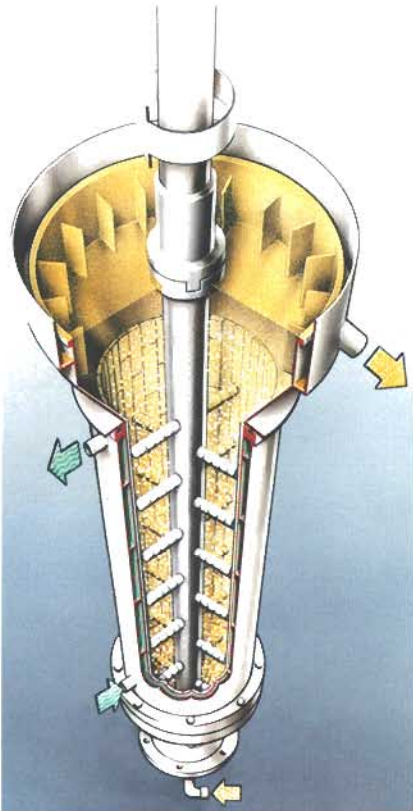
## Model range

The ANR product line includes several machine sizes with grinding chamber volumes ranging between 10 and 2000 litres.

## Application areas

The operating range is for feed materials with a particle size of less than 500 µm, whereby end finenesses of approx. 1 µm can be achieved.

The application is the large-scale industrial ultrafine grinding of medium-hard to hard materials, especially in the mineral powder industry. Application examples are coating slip for paper coatings, mineral fillers, ceramic pastes and glazes.



## ANR Design features

- Open, cylindrical grinding chamber.
- Cylindrical, streamlined design ensures uniform energy consumption.
- Pin agitator with vertical axis of rotation and top-mounted drive.
- Flow pattern from bottom to top.
- Intake via mesh plate or special valve.
- Automatic product discharge at mill head.
- Grinding pearls from 2 to 4 mm in diameter can be used.

- Wear protection options: ceramic lining, hard-metal coating, hardfacing or rubber coating.
- Robust machine design ensures long service life and high availability.
- Hydraulic mechanism ensures simple dismantling of component parts.



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