



**SIEMENS**

# Keeping tube mills working

Drive technology for the cement industry

With up to 30 MW, tube mills are amongst the largest machines in primary industry. They use impact and friction to grind cement clinker into extremely fine powder.

## **Reliable drive solutions for tube mills**

The standard version drives tube mills with asynchronous slip ring motors, liquid starters and gear units. At around 10 MW, using drives with ring motors and direct AC converters from the SINAMICS SL150 series, well-established in the field of ore processing, are well suited.

In order to drive tube mills reliably and efficiently, our large portfolio of motors and converters comprises also compact and efficient FLENDER gear units using innovative power splitting to offer perfect load distribution. FLENDER gear and planetary gear units are perfectly suited for the drive of a tube mill. The HCCP version was specifically designed for centrally driven mills. All gear units are perfectly supplemented by the ZAPEX FLENDER gear couplings which are suited for horizontal or vertical mounting. All drives can be supplied with auxiliary drives.

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