



THE MOST MODERN SPECIAL STEEL MILL IN THE WORLD

Future-oriented location Kapfenberg

On the 27th of September 2017, the supervisory board of the voestalpine AG approved the construction of the new special steel mill on the site of Kapfenberg. The preliminary works for the infrastructure, construction site, as well as structural measures for the flood protection will be started this year or rather are in the implementation phase as of now. On a plant site with the size of six soccer fields **the world's most advanced special steel production facility** will be built in a three-year construction period.

This investment is in line with the strategy of securing the primary material source in a long term at the Kapfenberg site on the premise of the highest **quality with the highest possible environmental compatibility**. Optimized process flows with a high degree of automation, safe working conditions as well as environmental protection form the focus. Air- and wastewater treatment plants are state of the art and meet the highest environmental specifications. In addition, heat recovery plants help to reduce emissions.

The implementation of the new special steel mill is based on the following principles:

- » Benefit from the many years of experience and the extensive know-how of the local workforce in the field of the melting and casting metallurgy.
- » Use of basically comparable, well-known aggregates in modern types tailor-made to the local requirements regarding melting, secondary metallurgy and casting.
- » To guarantee the previous experiences and customer requirements in a long term, the existing basic concepts are adapted to the new aggregates.

Factors of success:

- » Ensuring the highest quality requirements for generations
- » Highest degree of automation through fully integrated digitalization
- » Increase of the safety at work
- » Optimized process flows
- » Highest possible reproducibility of steel grades
- » Securing the One-Stop-Shop strategy (everything from one source, from melting to adjusting/testing of the finished product)
- » Reduction of emissions and immissions

www.bohler-edelstahl.com/en/specialsteelmill.php

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