

TERRA-HAMMER T 135 F undercrosses the Jungfrau railway



The ski resort "Grindelwald - Kleine Scheidegg" in Switzerland needed new snow machines for the winter season 2010/2011. Therefore the Jungfrau railway to the Kleine Scheidegg had to be undercrossed with four pipes. The contractor Peter Roth of Grindelwald decided to do this railway crossing with his new TERRA-HAMMER T 135 F. These protection pipes were used for medium pipes for water and electricity and control cable.



The TERRA-HAMMER T 135 F during the first pilot bore. At the right side you see the red lubricator Version F.



After the pilot bore the bore channel is increased with the expander 135/203 to \varnothing 203 mm (8"). Simultaneously the HDPE pipe OD 162 mm was pulled in.



The TERRA-HAMMER with the expander and the new HDPE pipe reach the arrival pit.



The first three pipes are laid. The TERRA-HAMMER is prepared for the forth crossing.



The underground piercing tool is lifted out of the target pit with an excavator.



View onto the job site. The four pipes are laid underneath the rail way. In the background you can see the village Grindelwald.



The helicopter flies in required material directly to the job site.

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