

Success story

Poland



Achievement:

In a residential area in Bytom, Poland, the company Sobet S.A. installed DN600mm vitrified clay sewage pipes. A big challenge for the job-site team was the continuously changing geology: hard limestone and clay followed by sand with big boulders. The location of the site in a heavily populated residential area meant that the company aimed once again to minimise the disruption to people and the environment.

To master this challenging project, the company Sobet S.A. decided to use an mts600S2 machine. Thanks to its strong 132 kW hydraulic aggregate pump, the team succeeded

in carrying out Poland's longest ever drive of 186 m despite the tough ground conditions. The system was equipped with a mixed ground cutting disc, which is known for achieving satisfying results in all kinds of ground. The steering head features a strong centric drive, a crusher and a slurry chamber, which enables various operation modes known collectively as mts SlurryTec®. This technology ensures good steering and high crushing performance with a very low risk of over-excavation. These features were of major importance for the project, as, at a depth of 8 m, the drive directly bypassed multi-storey residential buildings.

Short facts

Customer	Sobet S.A.
Machine	mts600S2
Max. torque	42,000 Nm
Max. drive length	186 m

Project background

Client	Bytom Municipality
Job site	Bytom, Poland
Main contractor	Sobet S.A.
Total project length	1,200 m
Total project length	Limestone, clay, sand



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