

Press Release

Newly designed milling guide

Wheels turned on their head

A building site on the Baltic-Sea coast of Mecklenburg-Western Pomerania. In August 2016, a two-man team from the company Schwalm Kanalsanierung, Bad Hersfeld, were deployed here for twelve days on behalf of the company AARSLEFF Rohrsanierung GmbH. Across an entire length of over 550 meters, necessary work such as sleeve milling, removing incrustations, as well as the milling back of nozzles and the calibration prior to renovation by installing new pipe liners in the sewer needs to be carried out. Nothing too special you might well think! But it turned out to be a demanding job for Schwalm sewer refurbishers Thomas Ackermann and Elias Neumann. The unusual thing about the building site: All sewers requiring trenchless renovation are at the extreme



depth of five meters, a decades-old oval-profiled sewer was found which is outside the acceptable standard, nominal width DN 180 to 300. A very difficult and awkward challenge, and one that had gotten the better of a few other sewer renovating companies already. Aarsleff sent an inquiry to its partner of many years, Schwalm

Kanalsanierung, asking for it to come up with a number of suggestions on how to meet and solve this challenge. The owner, and creative mind of the company, Martin Schwalm, took on the short-termed task which involved

making it possible to stably drive on an oval profile with the Schwalm milling tools Talpa FSR 1330 and 2060. The result: a milling tool turned on its head.

Self-sufficient on the building site



Beginning of August 2016: The Schwalm sewer refurbishers Thomas Ackermann and Elias Neumann make their way to the building site on the Baltic coast. In order to be able to work in a fully self-sufficient manner while on site, we have our own flusher as well as sewer-renovation vehicle there which is equipped with the milling robots Talpa FSR 1330 and 2060 with their newly constructed and tailor-made oval-profiled guide. And it now becomes exciting for the Schwalm specialists as well. Will the newly constructed guide-wheels of the oval-profiled construction, which Martin Schwalm has exactly adapted down to the millimeter and turned on its head, have the necessary stability for the work to be carried out and will they be able to withstand the stresses involved? Well the answer was that they most certainly did! The milling robots can drive through the oval profile without any problems, while all the functions of the milling tools work absolutely perfectly. At a depth of five meters, they rinse, clean, mill, measure, document. The work is progressing professionally and on schedule as you would expect from Schwalm. And it is not just Thomas Ackermann, Elias Neumann and Martin Schwalm who are extremely satisfied, Aarsleff and our client are also



absolutely delighted with the results of the restoration work within such a short space of time. “Though challenging, Schwalm once again demonstrated on this “special” building site its ability to come up with a future-orientated solution for us that is tailored exactly to our specific needs and requirements. We were then able to immediately begin with the installation of the pipe inliner“, said Bernd Lange, construction Manager at Aarsleff Berlin.

Information box

SCHWALM Kanalsanierung, founded in 1938 in Bad Hersfeld-Asbach, is owner-run and has its roots in the local region. Martin Schwalm is the head of the company and has been managing the company in the third generation since 1999. Under his management, the medium-sized family-run company was split into Schwalm Kanalsanierung (respectively Willi Schwalm, owner Martin Schwalm e.K.) and Schwalm Robotic GmbH in 2008. With Schwalm Robotic, Schwalm can more intensively dedicate itself to the topics of manufacturing and developing systems for partial sewer restoration in a closed construction design. The company Schwalm Kanalsanierung continues to work purely as a service provider. Two focal points are taken up on: Sewer cleaning and disposal, as well as partial sewer restoration in a closed construction design.

www.schwalm-kanalsanierung.de

AARSLEFF Rohrsanierungs GmbH

AARSLEFF has been the national and international leader in trenchless pipe and sewer restoration for over twenty years. Its core specialties are in the areas of pipe lining, shaft restoration, large-profile restoration and connection restoration using robotics technology.

www.aarsleff-gmbh.de

Schwalm Pressestelle ■

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