

We solve your Problems with pipes



Kanal-Rohr-Sanierung
GmbH

www.mm-k-r-s.at



Your Canals

will be back into Function in a very simple Way



Any problem with leaking pipelines or manholes?

We offer you many ways of canal testing, cleaning, repairing and recovering with NO DIGGING involved.

Any damaged pipeline is firstly tested by means of a TV-camera. Test results so obtained help us make an appropriate repair operation schedule.

High-quality repair operations are performed in an impeccable way.

A repair method to be applied depends on the type of damage and its extent. A complete repair operation is carried out by our highly-qualified and experienced crew and by using the most state-of-the-art equipment and technology.

Leaking Canals Highly Contribute to Pollution

The drinking water pollution, i.e. the water table decrease due to direction of its flow into leaking canals, is caused by damaged pipelines.

We are one of the leading companies in Staermark boasting a highly skilled crew and state-of-the-art equipment.

We have the pleasure of giving you hereby more detailed information about our scope of repair works.

1. Canal Inspection by a Roboter Mobile Camera

Canals are tested for damages by means of a Roboter, which is a Mobile TV-Camera performing video or digital recording according to the latest technical achievement.

2. Repair Schedule

Based on the Roboter's recording results, a detailed repair schedule is made containing a precise damage analysis, cost estimate, and a schedule of the works to be done according to their priority.

3. Canal Repair

Canals are repaired according to their priority schedule. Repair can be done of specific parts, specific locations or of the complete network. Based on the type of damage done, an appropriate and economically feasible repair method will be applied.

The first RS-Combiliner® Application



Process of Liner Hoses for Collecting Lines DIN 150 to DIN 800

In addition to Austria, the MM Crew also performs repair works in the neighboring countries.

From Hartl bei Kaindorf (directly to B 54) any places can be reached within the shortest period of time.

We use the most advanced technology only. Our crew boasts long experience and comprehensive knowledge in coping with specific canal systems and latest techniques.



Pipe Damage

... so easy to repair with MM.



Fräs-Spachtelroboter



Zurückfräsen eines Einlaufes

Inversion-Drum Liner Technique

Repair of pipes without digging is performed directly into the pipes, deep under the surface. It is an environmentally friendly method that generates neither rubble nor noise and requires no additional traffic control. A Robot-Scraper begins the repairing operation by scraping away any internal pipe deposits and protuberances. The next step involves a thorough cleaning of the pipeline by means of a high-pressure rotating nozzle. A special inner-coating hose is in situ immersed into 2-component epoxy resin and pushed into the damaged pipe by pressure. The Liner is permanently adhered onto the pipe-wall by using a special gluing method. "Pipe-to-pipe" resistance is achieved by applying a constant heating method. Pipes couplings are disconnected and connected at the repair location itself by means of a KATE-Robot.

This system is implemented in accordance with DIN 150 to DIN 1000.

Liner-Gun for Flexible and Mobile Pipe Repair

The Liner-Gun performs a perfect repair of pipes at almost unreachable locations. Such flexible system allows for repairing damaged pipes at locations highly difficult to access (basements, attics, and yards). The repair technique is in accordance with DIN 100 to DIN 250 mm. A 70 m flexible hose is capable of repairing damages in pipe curves and different-in-size units. The hose is in situ immersed into two-component epoxy resin.



Putting Manholes

and Construction Works Back into Operation.

Repair of Ground-down and Transitory Sections, Manholes and Specific Construction Works

Repair of concrete sections within treatment plant and drinking-water cistern areas, generally implies construction works which are in contact with earth. Wetness is, therefore, an issue to be dealt with. A high level of connection reducing a wetness trouble is attainable by means of an expert application of tested mineral-based diffusion materials (water, power). By applying water impermeability in conformity with DIN 1048, any presence of constituent materials harmful to concrete is avoided and a long-lasting concrete protection is provided.

WATER PENETRATION. CRACKS FORMATION. TIGHTLY-PACKED JOINTS.
APPLICATION OF CHEMICAL-RESISTANT COATINGS AND SCRAPING OF HIGHLY RESISTANT MATERIALS.



For use only tested and certified products come with the highest quality.



The observance of the security is a top Priorität.

Other repair methods and services

Packer process-HDPE-pipe-installation by manhole ladders made of aluminum steel.
Maintenance and cleaning of complete canal facility.



We take care of your complete Canal Network



- Municipalities
- Municipal Services/Associations
- Waste Water Associations/Treatment Plants
- Industry/Trade
- Civil Engineering
- Traffic Control
- Landfills
- Private Sector/Other Sectors



Summery of our repair works

Leistungs übersicht

- **Canal-TV-recording and making repair schedules**
- **Repair of damaged spots: Roboter**
- **Manholes and putting construction works back to operation**
- **Water Impermeability**
- **Complete repair: application of hoses to achieve impermeability**
- **Repair of drinking-water cisterns**



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