




PIPELINE REHABILITATION SERVICES

CIPP LINING 

MILLING ROBOT 

PATCH REPAIR 

CCTV INSPECTION 

HIGH AND LOW PRESSURIZED CLEANING 

FiberTie Pipe Factory and Accessories W.L.L was established in 2008 in Doha-Qatar as a fiber-glass pipe manufacturer for the industrial, municipal, and oil and gas sectors.

Our manufacturing procedure leverages state-of-the-art FIBER-TIE technology for helical winding on steel mandrels. We are a Qatar-based manufacturer of premium GRP/GRE/GRV products.

Usage of Epoxy, Vinyl Ester & Isophthalic Resin in the winding process makes our pipes substantially the best in GCC and world market. We are privileged to have a team of professionals with extensive experience in various fields of piping design, engineering, production, quality, installation & rehabilitation. They provide technology solutions for clients and manage our leading-edge manufacturing facility,



which also covers maintenance, rehabilitation, and renovation of existing gravity and pressure pipes for:

- Sewage and rainwater
- Drinking water and raw water
- Industrial use

With over 15 years of experience in this field, we have the perfect solution for your needs. Our experts offer the systems, materials, equipment, and know-how technical support at the highest level.

We offer below services:

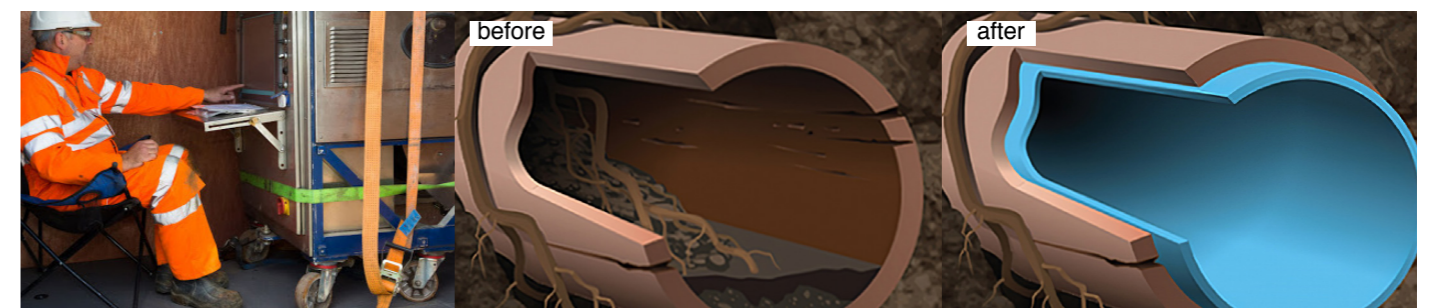
- A) Structural and semi-structural Cured in Place Pipe (CIPP) solutions in dimensions ranging from DN 50 to 1800 mm (Higher Diameter can be provided upon request)
- B) Patch Liner system repair for spot repair
- C) Open laterals with Milling Robot
- D) CCTV inspection, Inclination, and deformation assessment
- E) High and low pressurized water cleaning



Significant investment in critical infrastructures such as water, sewerage require that these buried assets constantly require inspection and rehabilitation to ensure the expected life expectancy of the asset is achieved. Left unprotected, the flow through a pipe — be it crude oil, sewage, or slurry — will cause that pipe to decay over time, threatening its structural integrity and shortening its life. The main objective of pipeline rehabilitation is to protect them from the corrosive and abrasive materials that pass through there by preventing from pipeline failure, minimize potable water loss and mitigate infiltration into sewer networks. The challenge of repair and rehabilitation of underground infrastructures cannot be underestimated.

Our Pipeline Inspection and Rehabilitation Technologies have helped clients to manage projects efficiently, save costs, and proffer technical solutions to knotty engineering challenges. This is achieved by providing the most comprehensive range of No Dig pipeline investigation, repair, and rehabilitation services. It is environmentally friendly, faster, and more economical than traditional open-cut methods and present a significant reduction in disruption to the surrounding environment.

Projects are planned by experienced managers and implemented via skilled technicians, ensuring the implementation of best practices.



CURED IN PLACE PIPE LINING

A cured-in-place pipe (CIPP) is one of several trenchless rehabilitation methods used to repair existing pipelines. CIPP is a jointless, seamless, pipe-within-a-pipe with the capability to rehabilitate pipes ranging in diameter from DN 100 to DN 1800. The process is carried out through the manholes, avoiding excavation and traffic congestion.

Components: Carrier Tube + Resin + Catalysts for Resin.

There are several different materials and methods of curing. FiberTie are lined with glass reinforced liners which are cured using UV technology. Most pipes being rehabilitated using CPP are sewer and drainage; thus, these lines will have internal failings and infiltration problems. Once lined, these pipes will be good for another 50 years.

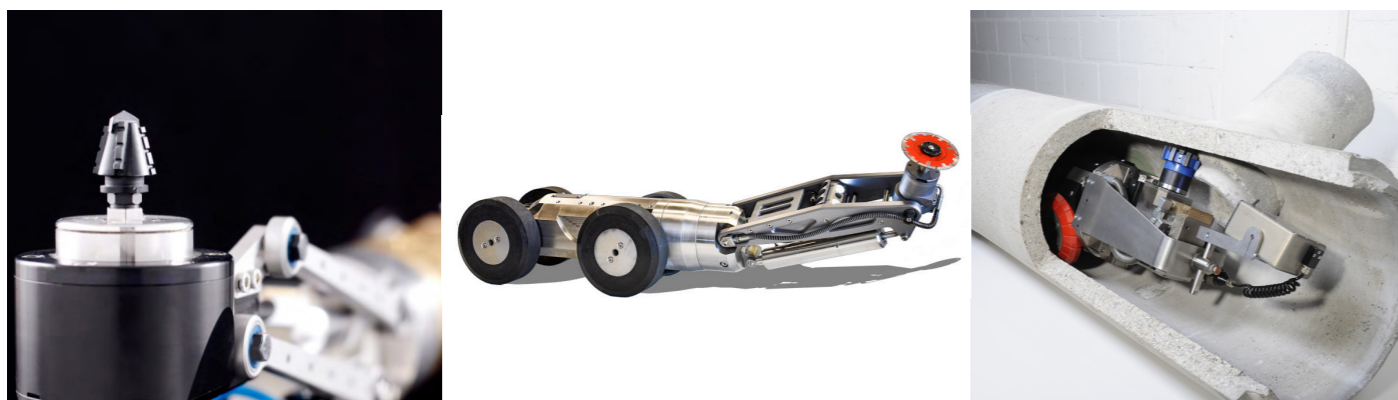


PATCH REPAIR

The patch is a repair method for defective pipe sections in sewage lines. It serves the short to medium-term structural renovation of sewers. The indicated service life is up to 10 years.

The patch liner repair system is used in sewers under disrupted service conditions.

The defective spots and pipe sections to be repaired are different in type and extent and may need some preparatory work like cleaning with water, jetted prior to patch lining. It is quick to install and offers little disruption to property, services, and traffic. The patch is installed through the manhole, avoiding any excavation and replacement costs.



PIPELINE ROBOTS

FiberTie has several robots that were designed for rehabilitation works inside sewer pipes ranging from DN 100 to DN 1000.

Various tool attachments permit the sewer robot to perform milling, grinding, filling and injection operations. Mainly obstacles such as misplaced pipe connections, roots, encrustations, concrete blockages, and deposits, as well as opening laterals after patch repair and CIPP lining.

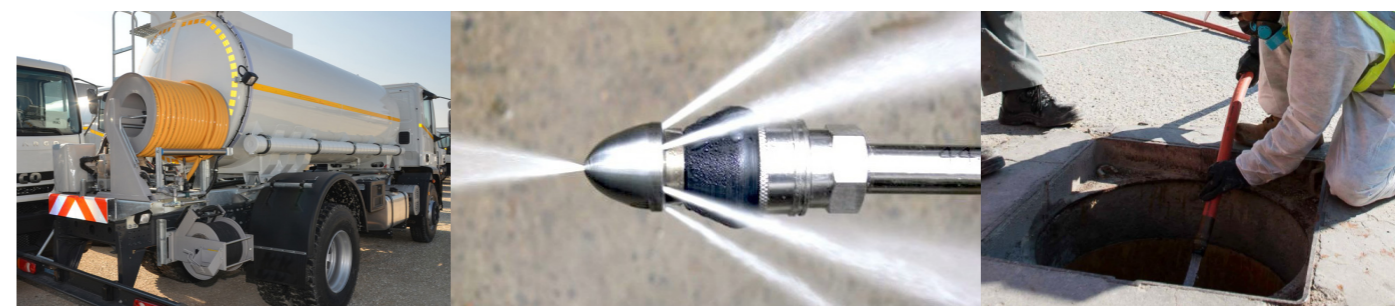


CCTV INSPECTION

FiberTie has several camera systems which range from 80 mm to 1800 mm pipe diameters. CCTV surveys determine the condition of the inside of the pipe, We also offer the following:

1. Pipe deflection (Ovality)
2. Internal pipe measurements
3. Lateral pipe connection measurements
4. Joint gap measurements

All reports are coded to international standard.

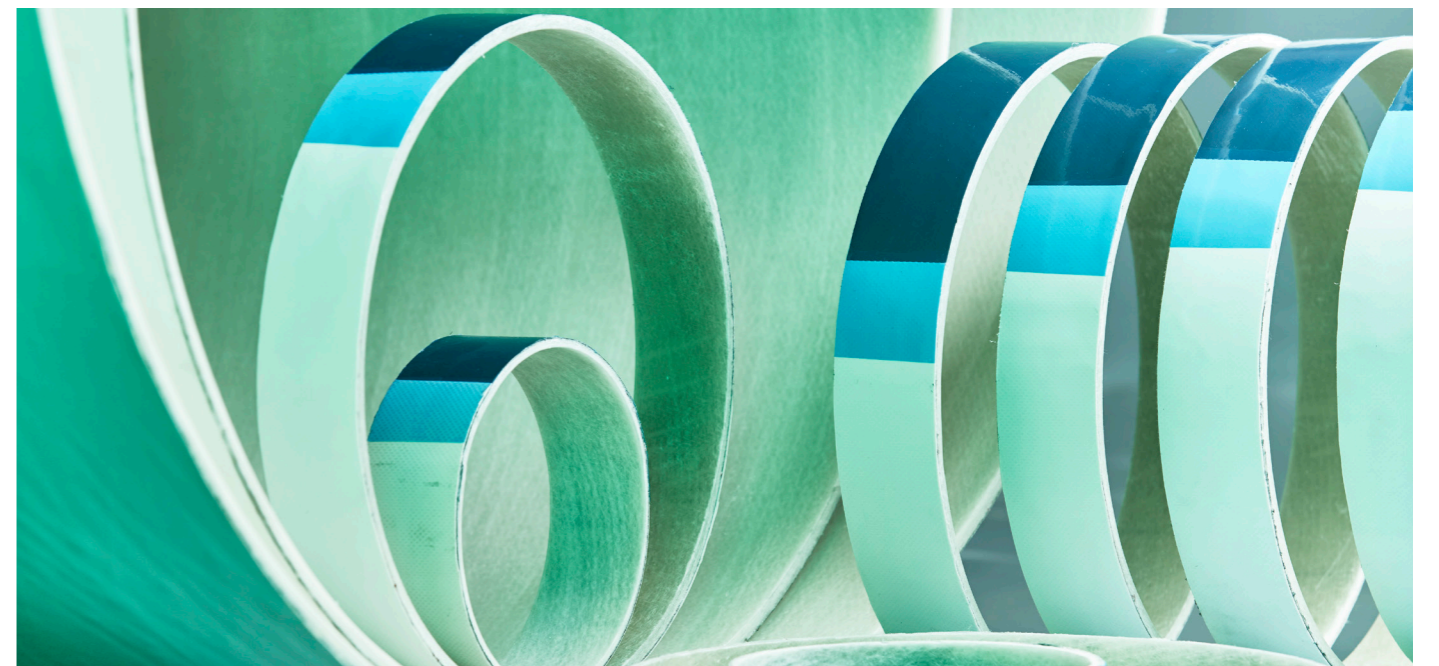
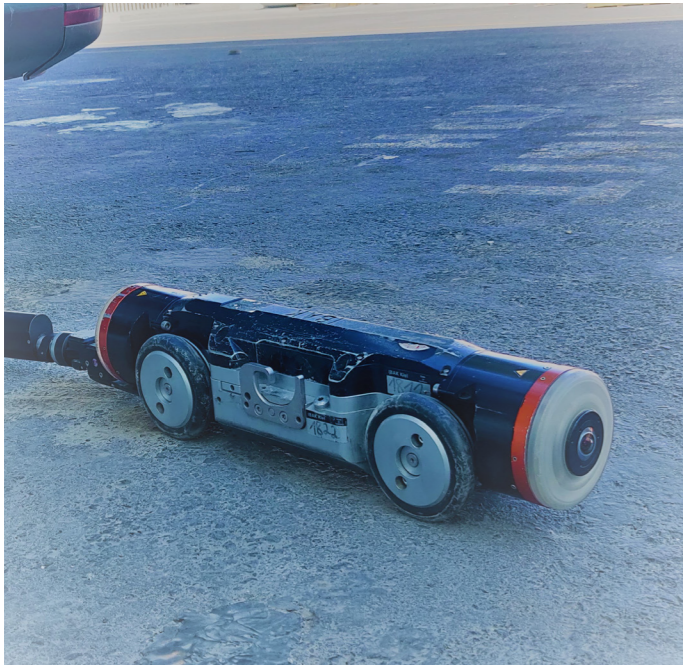


HIGH AND LOW PRESSURIZED CLEANING

FiberTie cleaning trucks are a combined high-pressure water jetter. The jetter will remove all debris including sand, silt, roots, scale, and grease from inside the pipelines.

Adjustable water pressures and cleaning nozzles can be used that will be suitable for all pipes.







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