



Reliable Cable Line Construction for Everything That Flows.

VORWERK – we have the answers to all relevant questions on pipeline-based infrastructure, for today and into the future. For more than 50 years, our name has stood for a high level of technical expertise, reliability and innovative solutions in pipeline and plant construction.

Top priority is given to the reliability and cost-effectiveness of our solutions – for the benefit of our clients.

We base this on a combination of cutting-edge technology and the knowledge and experience of more than 500 qualified employees at six different locations in Germany. This gives us the security of our own expertise and makes VORWERK one of the most efficient German companies in pipeline and plant construction for industry, municipalities and energy providers. For everything that flows.

Another core competency of the VORWERK Group is the construction of cable lines. Of course, work in this field is carried out exclusively by trained experts with the necessary knowledge and skills.

Our machinery and equipment are designed to fulfill all tasks in this field perfectly. This applies to cable drum trailers, cable winches, auxiliary rope winches, cable blowing equipment and compressors.

Our specifications for cable line construction as well as the relevant contact addresses can be found overleaf. For the entire scope of services of the VORWERK Group please visit our website at www.friedrich-vorwerk.de.

Qualified Services

- Laying of electric cables with a nominal voltage of up to 380 kV
- Laying of communication and low and medium voltage cable systems in cable trenches, piping and industrial buildings
- Pulling in of fibre optic cables
- Pulling in of multiple pipes (cut-off attenuator)
- Calibration of pipelines
- Fault location for cable systems with precise measurements
- Laying of cables for industrial plants
- Pulling 1-20 KV cable systems into existing piping systems
- Fabrication of connection sleeves
- Construction of cable ducts and cable trenches

Internal Resources

Trained Experts

- Engineers specialising in mechanical engineering, civil engineering, supply engineering and mining
- Welding engineers and welding experts
- Technicians
- Construction machinists
- Master electricians
- Certified electricians with AUS approval for networks up to 1 kV
- Certified electricians for installations up to 20 kV
- PLC programmers
- Landscape architects
- Ecologists
- Surveying engineers and surveying technicians
- Health and safety experts
- Graduates in business economics and business administration
- Administration experts

Extract from Our Available Machinery and Equipment

- Excavators and loaders of all sizes
- Trucks from 7 to 40 tons
- Flat-bed trailers
- Transporters
- Bulldozers, pipe-laying and welding crawlers
- Tandem and vibrating trench compactors
- Cable pulling machines with recording of pulling force
- Equipment for PE-welding in all dimensions
- A great variety of measurement instrumentation for cable, sewer and road construction as well as water and gas installations
- Rock trenchers and rotors for excavators
- Pipe jacking systems up to DN 1200
- Microtunneling equipment from DN 300 to DN 1000
- Cable winches up to 10 tons tractive force
- Auxiliary winches for injection of lines up to 1000m
- Padder
- Road finishers and rollers
- Vacuum pumps for the lowering of groundwater
- Special equipment for pulling in of cables, i.a. cable guide pulleys, corner pulleys and pull-in aids
- Cable grips
- Cable drum trailers
- Cable brackets
- Displacement hammers

Certificates

- Quality management according to DIN EN ISO 9001:2008
- Environmental management according to DIN EN ISO 14001:2009
- Safety management according to SCC^p 2006 Safety Certificate Contractors
- Energy management according to DIN EN ISO 5001:2011
- RAL Quality mark GZ 962 – Underground cable laying
- Prequalified construction company at PQ VOB
- Accredited supplier at Connexio, supplier information system for energy suppliers

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