EVERYTHING AROUND MICROTUNNELING SYSTEMS
TUNNEL SERVICE GROUP GMBH

Our products and services at a glance

Tunnel Service Group GmbH is a full service provider for microtunneling systems with a focus on Herrenknecht AVN slurry systems. Together with our partners, we offer everything for successful microtunneling from new machinery and consulting over spare parts, jobsite crews and field service to repair and high-quality refurbishment of spares and machinery.

Our engineering and software department furthermore develops and realizes new solutions for the microtunneling sector. In close cooperation with our customers we design also custom-made solutions in the fields of mechanical/hydraulic, electronic and software engineering.

The idea of Tunnel Service Group GmbH is to provide an affordable, high-quality market alternative for service of microtunneling equipment. An alternative for those who are looking for a fair prizing, a more personal customer care or a more flexible support.

From small repairs over maintenance service to extensive full rebuilds — Tunnel Service Group GmbH specializes in refurbishing microtunneling equipment from tunneling machines over containers to jacking frames and auxiliary systems. Depending on the status of your machinery we will make a tailor-made offer to get it up and running. With a full disassembly, a refurbishment or replacement of worn parts, a refurbished main bearing and electronic system plus an extensive overhaul of the steelworks the system will run like new again.
Solutions for microtunneling systems tailored to fit your individual needs.

Be it a technical emergency on site or a scheduled maintenance task on your construction yard – our experienced technicians and engineers stand by to assist you in the field. Worldwide. Depending on your location we can send out a service van, too. Loaded with a large selection of special tools and spare parts it allows our technicians to cover also unforeseen problems without time loss while waiting for replacement parts. Did you know? Together with our partners we also offer jobsite crews and operators.

More and more clients require detailed data protocols for tunneling projects but also in everyday applications tunneling becomes more and more digital. Be it bentonite control computers, an additional data logging system for analog tunneling machines or remote access concepts for control systems — Tunnel Service Group GmbH develops and builds its own soft- and hardware solutions. But we also adapt systems according to customer requests. Contact us to find out about what else we can do for you.

Tunnel Service Group GmbH provides high-quality spare parts at affordable rates. We don’t save on quality because we know how important reliability is in our business. However, by placing strategic call-off orders with our suppliers and by keeping our overhead small, we are able to offer a very attractive pricing. For technical emergencies on site we always keep a large stock of hydraulic and electronic parts, everything else we can get you quickly. Whatever you need for your slurry machine — ask us for a quote.

Tunnel Service Group GmbH resells and builds compatible components for your microtunneling sets. Together with our partners and OEM suppliers we can offer anything from steelworks up to complex machinery. Some examples may be tail skins, push-rings, launch seals, electronic converter boxes, high-pressure water and slurry pumps, bentonite systems, jacking frames or hydraulic aggregates. Of course you also get high-quality steering or power cables as well as hydraulic or slurry tunnel lines at great rates.

Especially for newcomers it is vital to have a strong and experienced partner who consults you about your best choices and introduces your staff to the details of microtunneling. But also experienced contractors may win that one exceptional project with challenges you never came across or be insecure about a particular issue only. Experience is our asset. We support you in complex projects with more than 20 years of practical experience in microtunneling and our profound engineering support.

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Besides our standards Tunnel Service Group GmbH also offers customized solutions in steel-building, data engineering or hydraulic and electronic systems; including software adaptations as well as development and production of individual machinery according to client requirements. In close cooperation between engineering and experienced jobsite technicians we develop high-quality solutions with a focus on the practical application on site — to offer the customer a more efficient and such time and cost-saving performance.
Selected Products and Services

As a full service provider in utility tunneling our focus is to keep our clients’ systems running. Therefore we have developed several specialized services that save our clients a lot of time and money. But also beyond service we have our customer’s interest in mind. Find a successful example of tailor-made machinery below, designed and built according to the wishes of the customer.

Spare Part Refurbishment

Does it always need to be a new part? Tunnel Service Group GmbH offers economic high-quality spare part refurbishments by renowned German companies for main components such as main bearings, motors and pumps, hydraulic blocks, steering cylinders or wear rings and more. The components are reconditioned to a quality level comparable to a new part and come with a full warranty.

Siemens PLC S5 and KONTRON computer services

Siemens and KONTRON officially discontinued basic control systems built in many tunneling machines. When problems arise, the only option often seems to be an expensive upgrade to S7 or a complete new computer. Tunnel Service Group GmbH still offers you full service for your old system. We have technicians trained in PLC S5 and KONTRON systems and the full range of spare parts on stock.

Custom-Made Machinery – Hydraulic Tunnel Aggregate DN800

Tunnel Service Group GmbH has developed and built a hydraulic aggregate fitting into a DN800 tunnel. The machine is adapted to the existing Herrenknecht control cabin and machine and can be used for direct pipe drilling as well as for pipe jacking with laser steering. In only 2.5 months the machine was designed and realized following a particular request by one of our customers.

You have questions, remarks or are looking for a quote? Contact us via email, phone or visit our website. Or you just come to see us in Düren, Germany to get a better impression.

We will be happy to show you around!