ZOLMAT

Seamless Underground Solutions

COMPANY PROFILE
2026 EDITION

NO-DIG.
SINCE 1991.

Pipelines laid beneath roads, railways and rivers. With our own fleet, our own drilling crews and job sites across Europe.



HORIZONTAL DIRECTIONAL DRILLING

SOIL DISPLACEMENT

STEEL PIPE JACKING



ABOUT ZOLMAT

WHAT WE CAN'T SEE, WE CALCULATE.

Since 1991, ZOLMAT has been laying pipelines wherever an open trench is either impossible or unwanted.

Since 2004, horizontal directional drilling has been the backbone of the company. Over the years we have built up our own fleet, a proven surveying routine and a team that still runs the rigs itself. Many of our drill operators have been with us for more than ten years.

We don't hire machines and we don't wait for someone else's equipment. Drilling rig, mud system, tracking, transport and operators all come from one source. That keeps the schedule in our hands and gives you a single point of contact for the entire crossing, from route assessment to documented handover.

We work as a subcontractor for main contractors, as a partner to network operators and municipalities, or we provide a rig together with an experienced drill operator for your project.

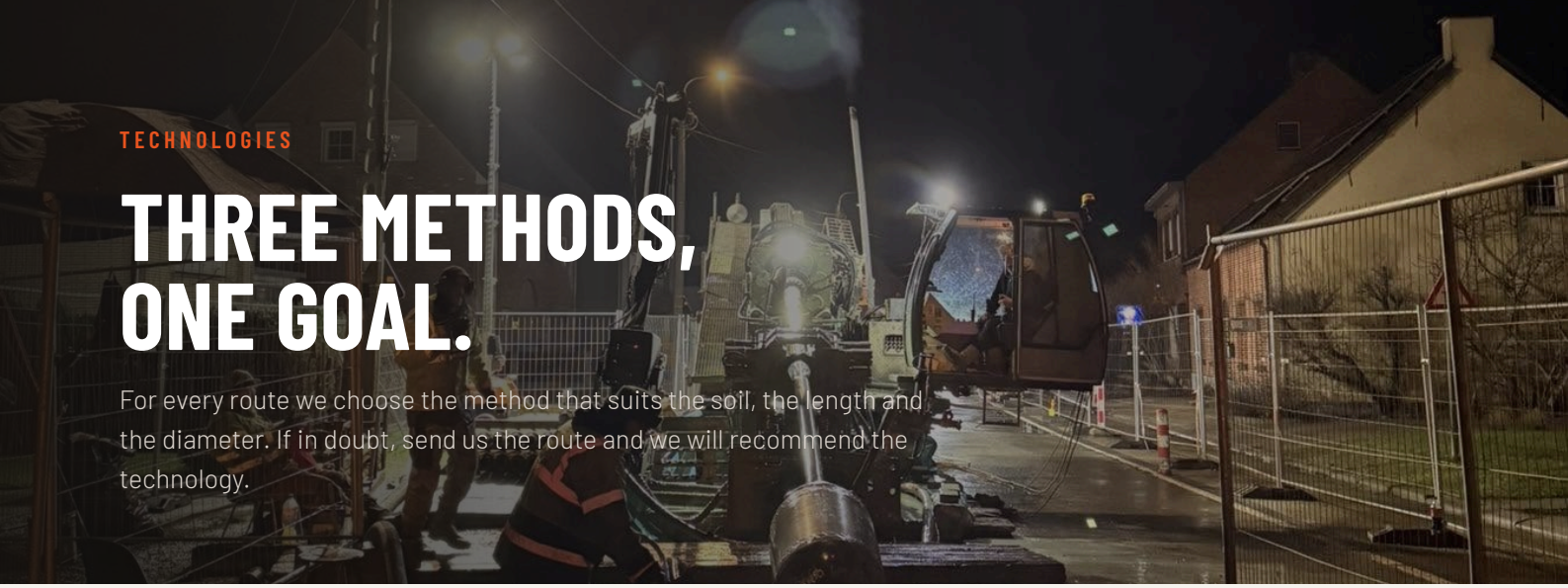
> *"Underground there is no room for improvisation. What we can't see, we have to calculate. That is the difference between a bore and a good bore."*
>
> ZOLTÁN VARGA, MANAGING DIRECTOR

35 years
of experience in trenchless pipe installation, founded in 1991

14
directional drilling rigs of our own, each with its own truck and mixing truck

6 countries
Hungary, Germany, Austria, Belgium, the Netherlands, Luxembourg

VCA
certified safety management on every job site



TECHNOLOGIES

THREE METHODS, ONE GOAL.

For every route we choose the method that suits the soil, the length and the diameter. If in doubt, send us the route and we will recommend the technology.



01

DIRECTIONAL DRILLING

The rig drives the drill string into the ground at an angle from the surface. The steerable drill head follows the planned curve while its position is measured continuously in depth and alignment. After the pilot bore we ream to the required diameter and pull in the product pipe in a single pass.

Reaming	**up to Ø 1,000 mm**
Pull and push force	**4.5 to 80 t**
Depth	**up to 15 m**
Exit accuracy	**40 to 50 cm**

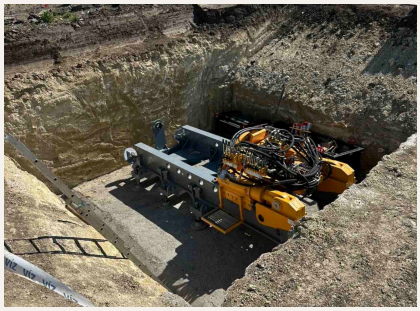


02

SOIL DISPLACEMENT

A pneumatic piercing tool displaces the soil and pulls the cable, duct or PE pipe in behind it. For short, straight crossings under footpaths, driveways and property lines it is the fastest solution. Several house connections in a single day are common.

Diameter	**55 to 200 mm**
Length	**up to 25 m**
Impact rate	**480 / min**
Pit size	**small**



03

STEEL PIPE JACKING

From the launch pit, a hydraulic unit pushes steel pipes section by section beneath the road or track. An auger inside the pipe excavates the soil at the same time and conveys it back to the pit. For straight, load-bearing crossings with large diameters, without settlement and under live traffic.

Machine	**WAMET WPS100D**
Push force	**2,400 kN (240 t)**
Pull force	**1,200 kN (120 t)**
Steel pipe	**up to Ø 1,100 mm**
Torque	**up to 40 kNm**
Drive	**Perkins diesel, 115 kW**

WHAT WE INSTALL

PE drinking water and pressure mains, gas distribution lines and service connections, sewage pressure mains, medium and low voltage cables in ducts, fibre optic and microduct networks, and steel or PE casing pipes for utility crossings. From the trunk main to the house connection, in sand, silt, clay and gravel, and with dual-rod rigs in rock as well. PE pipes are welded on site with our own butt fusion machine.



WHY TRENCHLESS

THE SURFACE STAYS AS IT IS.

01 FAST

A road crossing is usually finished within one working day. No trench left open for weeks.

02 PRECISE

Continuous tracking, alignment accurate to the centimetre, measured and documented depth.

03 NO CLOSURES

No closed road, no dug-up yard. Traffic and daily life carry on.

04 DURABLE

The pipe lies in undisturbed ground. No later settlement, no cracked paving.

05 LOW IMPACT

Trees, root zones and watercourses stay untouched, with hardly any spoil.

06 STEERABLE

The drill head is corrected on the move, existing utilities are safely bypassed.

07 ECONOMICAL

No surface reinstatement, no traffic management.

30 TO 50 %
savings compared with open-cut construction are not unusual for crossings.

WHERE WE WORK

OUR MACHINES KNOW NO BORDERS.

From our headquarters in Budakeszi near Budapest, our crews now work regularly west of the Hungarian border. We speak English, German and Hungarian, on site as well as in the office.

HU
Hungary
since 1991

DE
Germany
active

AT
Austria
active

BE
Belgium
active

NL
Netherlands
active

LU
Luxembourg
active



DRILLING RIG WITH SUPPLY TRUCK


COORDINATION ON SITE



GRUNDODRILL AC6300



WINTER JOB SITE


DRILL OPERATOR IN THE CAB


DRILL HEAD


FOCUS



SEVERAL RIGS, ONE SITE

ON SITE

OUR OWN PEOPLE. IN ALL WEATHERS.

Every photo in this brochure was taken on a real ZOLMAT job site. The people you see are the ones who will be working on yours.



FLEET

OUR OWN MACHINES, OUR OWN SCHEDULE.

Fourteen directional drilling rigs with 4.5 to 80 tonnes of pull and push force cover everything from house connections to river crossings. Four of them work with dual-rod systems and can drill through rock.

Every rig travels to site with its own truck and a mounted mixing truck. Maintenance is done in house, so the machine is where it is needed on the agreed day.

14
drilling rigs we own

~300 t
combined pull and push force

3,820 m
of drill rod in our magazines

1,000 mm
maximum reaming diameter



AT-BORETEC MT 22



GRUNDODRILL 28N PLUS


MUD SYSTEM

OUR RIGS AT A GLANCE

All rigs with truck
and mounted mixing truck

	RIG	YEAR	PULL/PUSH FORCE	DRILL ROD	CLASS
LARGE RIG					
01	**Prime Drilling 80** Torque 50,000 Nm, TÜV 2026		800 kN	900 m	**80 t**
MIDSIZE RIGS					
02	**Grundodrill ACS300** Dual rod, All Condition System		300 kN	350 m	**30 t**
03	**Grundodrill 28N plus**	2022	280 kN	350 m	**28 t**
04	**Grundodrill 28N plus**	2025	280 kN	350 m	**28 t**
05	**Grundodrill 25N**	2017	245 kN	350 m	**24.5 t**
06	**AT-Boretec MT 22**	2025	225 kN	350 m	**22.5 t**
07	**Grundodrill 18N**	2024	180 kN	210 m	**18 t**
08	**Grundodrill 18N**	2024	180 kN	210 m	**18 t**
09	**Grundodrill 18ACS** Dual rod, All Condition System	2020	180 kN	210 m	**18 t**
10	**Grundodrill 15N**		167 kN	180 m	**16.7 t**
COMPACT RIGS					
11–14	**Vermeer D10x15** × 4 for house connections and tight inner-city sites		44.5 kN each	91 m each	**4.5 t**
	14 drilling rigs		**approx. 3,015 kN**	**approx. 3,820 m**	**approx. 300 t**

MUD SYSTEM

A mixing unit with mud cleaner (MAX WILD) for closed-loop recycling, plus an AT-Boretec mixing unit with three tanks of 4,000 litres each.

TRACKING

Walkover and magnetic tracking with real-time depth and pitch data. Every bore is logged continuously and handed over fully surveyed.

WITH OPERATOR

Every rig is available with an experienced drill operator, as a subcontracted service or as part of your project team on site.

PE PIPE WELDING

Butt fusion welding of PE, PP and PVDF pipes from Ø 90 to 355 mm with our own ROTHENBERGER ROWELD P355 B, to DVS guidelines.

As of November 2026. Technical data rounded, subject to change.



CONTACT

SHALL WE TAKE A LOOK AT YOUR ROUTE?

Send us the length, diameter and location. We will get back to you with a technical proposal at short notice.

CONTACT FOR EUROPE

Daniel Sitkei

Head of European Business

daniel.sitkei@zolmat.hu

HEADQUARTERS

ZOLMAT Kereskedelmi Kft.

Cserszegi utca 5, 2092 Budakeszi, Hungary

+36 30 45 00 200 · zolmat@zolmat.hu

www.zolmat.hu

ZOLMAT

Seamless Underground Solutions