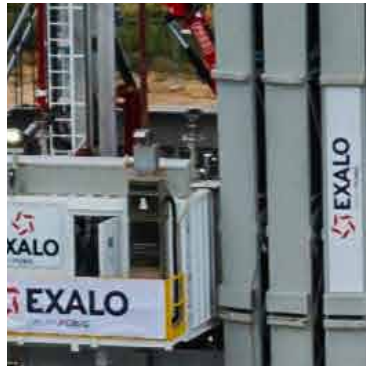




Geothermal **drilling**





Exalo experience

EXALO Drilling SA is one of the leading drilling contractor in the on-shore drilling sector in Central and Eastern Europe. We offer a wide range of drilling rigs that allows for both shallow and deep geothermal drilling and a full range of professional borehole services. Their international experience, rich knowledge, and high-level skills and qualifications guarantee our projects success.

The key values that characterize all projects realized by Exalo Drilling S.A. are:

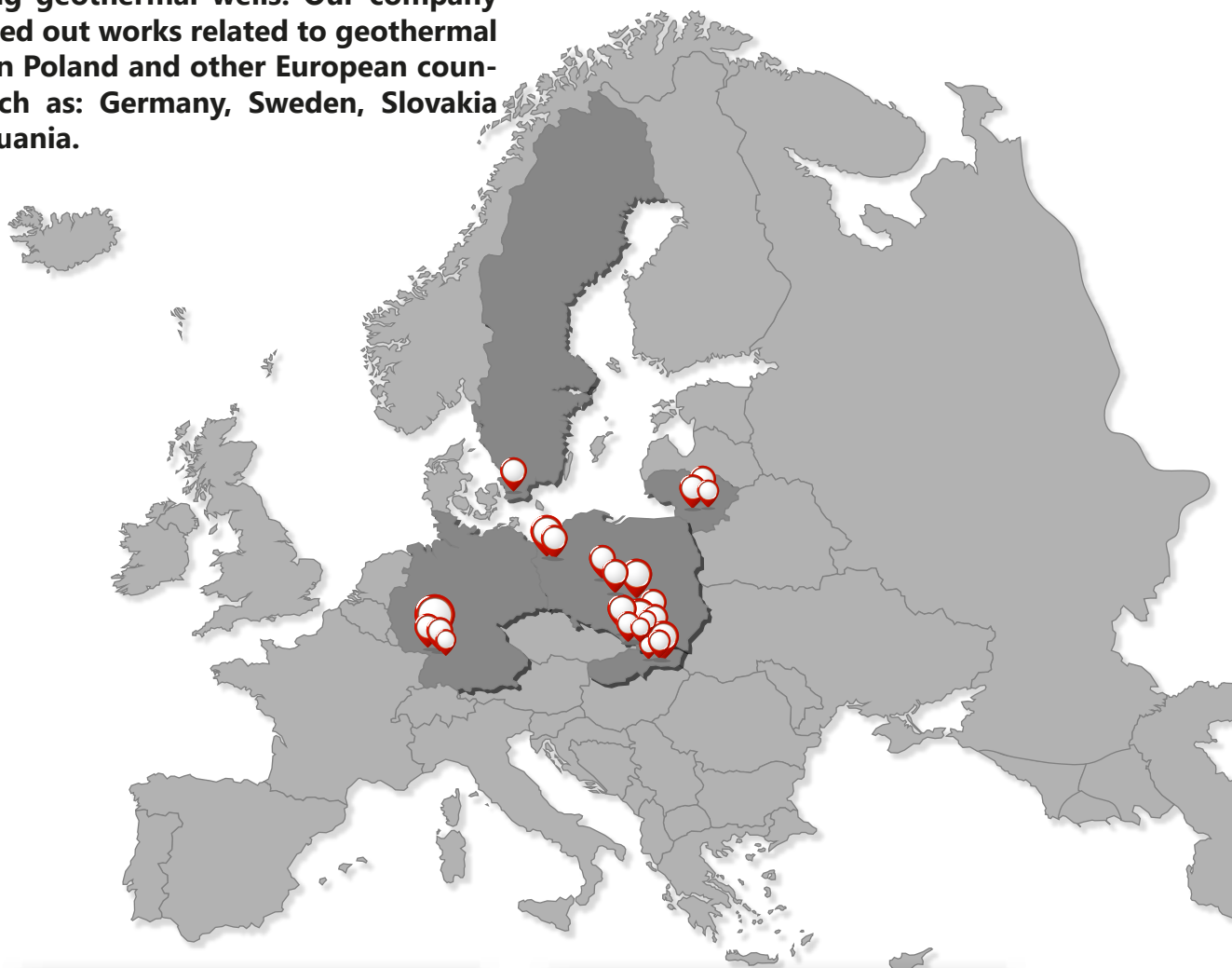
- delivering comprehensive services in line with customer expectations,
- knowledge and experience that guarantee success,
- professional Staff and fully operable fleet of drilling rigs and well service equipment,
- respect for people and the environment,
- high standards of project management,
- effective use of available technology,
- the achievement of ambitious goals,
- provide the safest workplace and its environment,
- individual approach to each client.





Exalo geothermal projects

Exalo Drilling S.A. has extensive experience in drilling geothermal wells. Our company has carried out works related to geothermal energy in Poland and other European countries, such as: Germany, Sweden, Slovakia and Lithuania.



Projects in Poland:

- Sękowa GT-1,
- Dębica GT-1,
- Biały Dunajec PAN-1,
- Bańska PGP-3,
- Kleszczów GT-1,
- Stargard Szczeciński GT-2,
- Stargard Szczeciński GT-1,
- Bańska PGP-1,
- Biały Dunajec PGP-2,
- Bukowina Tatrzańska – 1,

Foreign projects:

- Insheim GTI-2 (Germany),
- Insheim GTI-1 (Germany),
- Landau GT-2 (Germany),
- Landau GT-1 (Germany),
- Lunds Energy AB (Sweden),
- Koszyce GDT-3 (Slovakia),
- Koszyce GDT-2 (Slovakia),
- Koszyce GDT-1 (Slovakia),
- UAB Geoterma (Lithuania).



Exalo offer

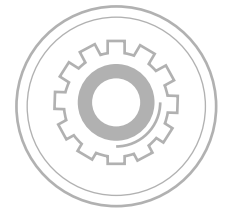
Exalo Drilling has over 70 years of drilling experience, including geothermal drilling, which has resulted in extensive experience and knowledge in well engineering. As an experienced contractor of drilling services we offer:

- execution of geothermal projects in the "turnkey" system,
- the ability to provide drilling and maintenance services in the selected scope,
- comprehensive reconstruction services of existing geothermal wells,
- well abandonment.

While conducting drilling works behind geothermal sources, we also provide all the necessary services accompanying the drilling, including:

- well drilling engineering,
- drilling and final completion of borehole services, including cementing and stimulation service, slickline, completion and tubular running service, coiled tubing and nitrogen unit service, well testing service, workover service, mud service and coring and directional drilling services,
- drilling waste disposal,
- drilling site preparation (access roads, etc.), land reclamation after the completion of drilling and exploitation works,
- Fluids and Cements Laboratory - accredited by the Polish Center for Accreditation.





Exalo Services

We offer a full range of integrated drilling and maintenance services for all stages of a well's life cycle, from construction to well decommissioning, as well as laboratory and technical support. The services provided are carried out by a qualified engineering and design team with comprehensive training in operations, safety, environmental protection, management, and monitoring.

Exalo's portfolio includes the following services:

- cementing and stimulation service,
- mud service,
- coring and directional drilling service,
- completion and tubular running service,
- coiled tubing and nitrogen unit service,
- slickline service,
- well testing service,
- workover service



Drilling rigs

OVER 1500 HP

	National 1625	Midco Con U 1220 EB	Drillmec 2000 HP	IDM 2000	Bentec Euro Rig 450	Massarenti MAS 6000E	IDECO IRI 1700	National 110 UE
Power (HP)	3000	2500	2000	2000	2000	1700	1700	1500
Hook load capacity (t)	606	680	590	454	450	454	349	454
Drive type	SCR	SCR	VFD	VFD	VFD	SCR	SCR	SCR
Top drive	NOV TDS 8SA	NOV TDS11SA	NOV TDS11SA	NOV TDS11SA	BENTEC TD-500HT	BENTEC TD500HT	NOV TDS11SA	MH PTD500AC
Pumps	2 x Bomco F1600+ 1 x Drillmec 12T 1600	3 x Gardner Denver PZ-11	3 x Drillmec 12T1600	3 x Drillmec 12T1600	2 x DRILLMEC 12T1600 + 1 x BENTEC BMPT-T-1600-AC	3 x Bomco F 1600	2 x National 12P160 1 x Ideco T1300	3 x National 10P130, 2x Wirth TPK 1600 1x National 10P130
Quantity	1	1	2	1	1	2	1	2

1000 - 1499 HP

	IRI/IDECO ED1200	IRI/DRECO 1200	Skytop Brewster N75	Drillmec MR 8000	Drillmec HH 220
Power (HP)	1200	1200	1000	1000	TELESCOPIC HYDRAULIC SYSTEM
Hook load capacity (t)	295	310	295	200	200
Drive type	SCR	SCR	mechaniczny	mechaniczny	hydrauliczny
Top drive	BENTEC TD500XT	BENTEC TD500XT	MH PTD500 HY	Drillmec HTD250HT	Drillmec ETD275
Pumps	3 x Ideco T1300 3x National10P130	2 x Ideco T1300 + 1x National10P130	3 x BOMCO FJ1000	3 x NATIONAL 9P100	3 x DRILLMEC 9T100
Quantity	2	1	1	1	1

UP TO 1000 HP

	Skytop Brewster TR800	Kremco K-900	IRI-750	IRI Cabot 750
Power (HP)	950	900	720	700
Hook load capacity (t)	186	168	136	136
Drive type	mechanical	mechanical	mechanical	mechanical
Top drive	Drillmec HTD 200	Drillmec HTD200		
Pumps	2 x Gardner Denver PZ8, 2 x GARDNER DENVER PZ8 + 1 x OILFIELD HEBEI F1000	2x Oilwell A850 + 1xNational 10P130	3 x GARDNER DENVER PZ8	2 x Gardner Denver PZ8
Quantity	3	1	3	1

Workover rigs

	SK-575 Service King Mfg	SK-175 Service King Mfg	Cardwell KB 200	Cardwell KM 200	Cardwell KB 200C	Cardwell KM 150
Power (HP)	500	430	400	402	325	300
Hook load capacity (t)	112	68	116	81	63	57
Drive type	mechanical	mechanical	mechanical	mechanical	mechanical	mechanical
Pumps	T500	OPI 700 lub PH200	Gardner Denver PZ7	Gardner Denver PZ7	Gardner Denver PAH 200	Gardner Denver PAH 200
Quantity	1	2	1	2	1	3



Integrated Management System & QHSE

The Integrated Quality, Environment and Occupational Health and Safety Management System at Exalo Drilling S.A. covers all company processes, including drilling works, maintenance works, workshop processes and construction processes. This means we offer services of the highest quality, while maintaining the highest standards for workplace health and safety and implementing solutions to reduce our environmental impact.

The Integrated Quality, Environmental, and Occupational Health and Safety Management System is audited annually by the German certification company TÜV SÜD and its certificates confirm that the processes comply with the following standards:

- ISO 9001:2015 (Quality Management System),
- ISO 14001:2015 (Environmental Management System),
- ISO 45001:2018 (Occupational Health and Safety Management System).

The Board of EXALO attaches great importance to the management of QHSE. QHSE System is seen as an absolute priority in all operations. The main objective of the system is to build safety awareness among staff.

The QHSE System at EXALO concerns safety, health and environmental protection, based on a number of international standards, best practices and requirements of global drilling operators.

At EXALO we believe that thanks to our efforts we can minimise the risk of accidents and damage to the natural environment.



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