

TRACTO

All information
regarding hydraulic units
TRACTO.COM/HP



HYDRAULIC UNITS FULL POWER SUPPLY



ADVANCED TRENCHLESS TECHNOLOGY

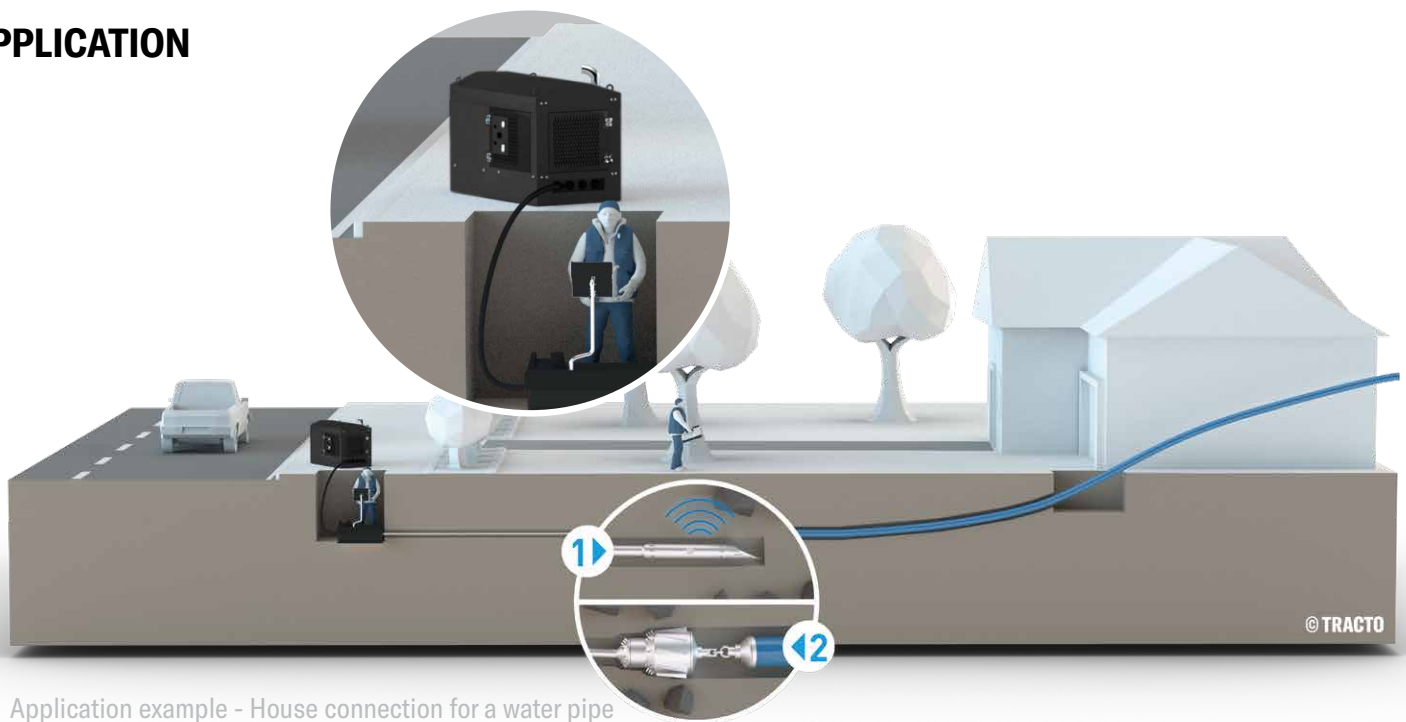
FULL SPEED AHEAD EFFICIENT HYDRAULIC UNITS

The hydraulic units from TRACTO

An efficient and reliable drive technology is essential to apply our hydraulically operated NODIG systems with maximum energy according to the power requirements. Thus, the TRACTO hydraulic units are designed to transfer the required external hydraulic energy for pulling and thrust force, rotation and mixing of the drilling fluid in HDD on target without power losses. Precisely adjusted pre-settings for the GRUNDOPIT mini bore rigs, the GRUNDOBURST static pipe bursting systems, the GRUNDOBORE auger boring system and all TRACTO mixing units enable fast work.

All TRACTO hydraulic units contain high-quality components from renowned manufacturers, whose worldwide availability ensures reliable service. Thanks to good accessibility via large maintenance flaps, the units are easy to maintain and appropriate devices facilitate easy transport. All hydraulic stations are efficient and environmentally friendly. Altogether five kW-classes are available, each suitable for driving several NODIG systems. This allows you maximum flexibility with the lowest possible investment for drive technology.

APPLICATION



Application example - House connection for a water pipe



Hydraulic Unit HP19



Hydraulic Unit HP28/HP37

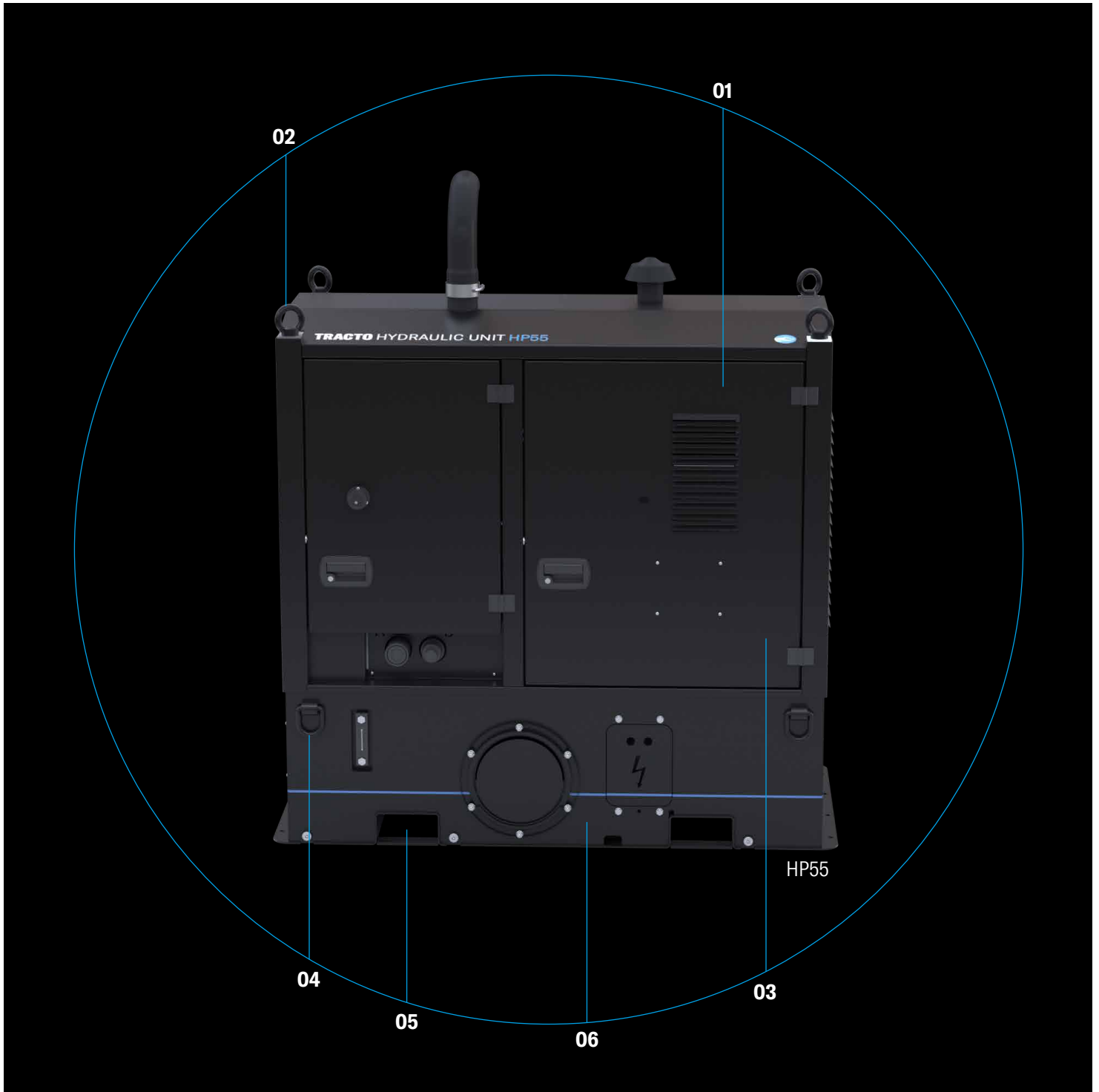


Hydraulic Unit HP55



Hydraulic Unit HP150

OVERVIEW



01 Maintenance-friendly
due to generous access flaps

02 Suspension hooks
for lifting device

03 Robust and site-friendly
construction

04 Lifting eyes
for easy and safe transport

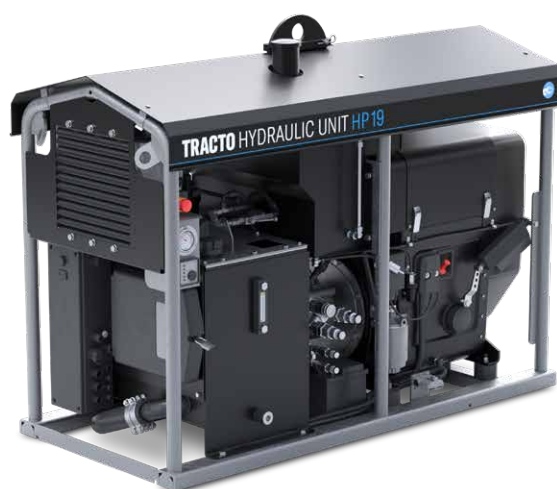
05 Integrated forklift shoes
for forklift transport

06 Combinable
with various TRACTO machines



Hydraulic unit HP55 working with GRUNDOBURST 1900G

HYDRAULIKSTATION HP19 COMPACT



FEATURES

- Tailored to the power requirements of TRACTO systems
- Simple and robust design
- Idle and full throttle circuit
- Integrated forklift shoes and lifting eyes for easy transport
- Maintenance-friendly
- Can be combined with various TRACTO machines



TECHNICAL DATA	HYDRAULIC UNIT HP19
Length	1.600 mm
Width	755 mm
Height	1.330 mm
Weight (with full tank)	790 kg
Drive engine	Hatz Diesel 2L41C
Engine output at 3.000 rpm	19 kW
Rotational speed control	0/1
Emission level	Tier V
Sound power level Lwa	100 dB(A)
Fuel tank (Filling capacity)	60 l
Start unit	12 V
Max. oil capacity	90 l/min
Max. hydraulic pressure ^{1/2}	230/250 bar
Oil tank (Filling capacity)	160 l
Type of pump	Fixed delivery pump

¹to operate GRUNDOPIT PS40 ²to operate GRUNDOBURST 400S | 400G | All data subject to change

VARIATIONS

HYDRAULIC UNIT HP28 VERSATILE

FEATURES

- Tailored to the power requirements of TRACTO systems
- State-of-the-art 28kW engine technology
- Environmentally friendly and efficient
- Output-regulated hydraulic pump
- Step-less speed adjustment
- Super-silenced
- Integrated forklift shoes and lifting eyes for easy transport
- Maintenance friendly due to large inspection flaps
- Can be combined with various TRACTO machines



TECHNICAL DATA	HYDRAULIC UNIT HP28
Length	1.660 mm
Width	810 mm
Height	1.650 mm
Weight (with full tank)	850 kg
Drive engine	Kubota Diesel D1803-CR
Engine output at 3.000 rpm	28 kW
Rotational speed control	step-less
Emission level	Tier V
Sound power level Lwa	100 dB(A)
Fuel tank (Filling capacity)	80 l
Start unit	12 V
Max. oil capacity	120 l/min
Max. hydraulic pressure	250 bar
Oil tank (Filling capacity)	160 l
Type of pump	Output-regulated variable pump

HYDRAULIC UNIT HP37

POWERFUL

FEATURES

- Tailored to the power requirements of TRACTO systems
- State-of-the-art 37 kW engine technology
- Environmentally friendly and efficient
- Output regulated hydraulic pump
- Sep-less speed adjustment
- Super-silenced
- Integrated forklift shoes and lifting eyes for easy transport
- Maintenance-friendly due to large inspection flaps
- Can be combined with various TRACTO machines



TECHNICAL DATA	HYDRAULIC UNIT HP37
Length	1.660 mm
Width	810 mm
Height	1.650 mm
Weight (with full tank)	860 kg
Drive engine	Kubota Diesel D1803-CRT
Engine output at 3.000 rpm	37 kW
Rotational speed control	step-less
Emission level	Tier V
Sound power level Lwa	100 dB(A)
Fuel tank (Filling capacity)	80 l
Start unit	12 V
Max. oil capacity	120 l/min
Max. hydraulic pressure	250 bar
Oil tank (Filling capacity)	160 l
Type of pump	Output-regulated variable pump

VARIATIONS

HYDRAULIC UNIT HP55 THE ALL-ROUNDER

FEATURES

- Universally applicable for a wide range of TRACTO machines
- Tailored to the power requirements of TRACTO systems
- State-of-the-art 55 kW engine technology
- Environmentally friendly and efficient
- Output-regulated hydraulic pump
- Step-less speed adjustment
- Super-silenced
- Integrated forklift shoes and lifting eyes for easy transport
- Maintenance-friendly due to large inspection flaps
- Wireless remote control available



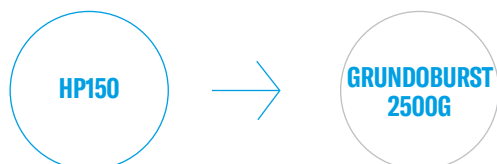
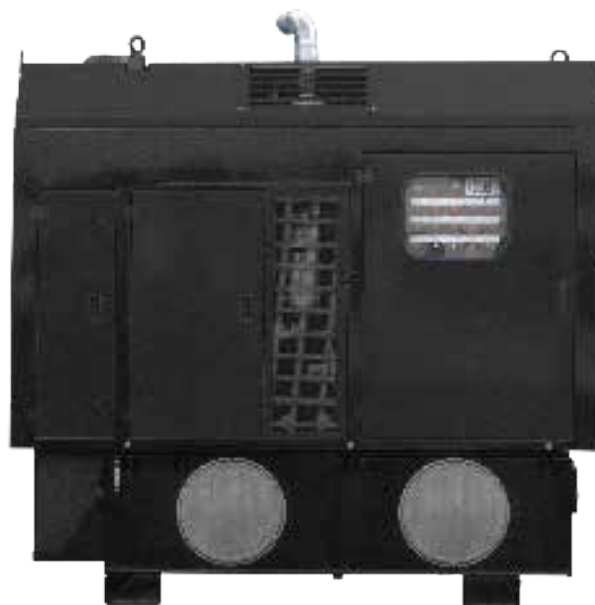
TECHNICAL DATA	HYDRAULIC UNIT HP55
Length	1.670 mm
Width	870 mm
Height	1.970 mm
Weight (with full tank)	1.310 kg
Drive engine	Kubota 3307-CR-TE5B
Engine output at 3.000 rpm	55 kW
Rotational speed control	step-less
Emission level	Stage 5
Sound power level Lwa	100 dB(A)
Fuel tank (Filling capacity)	110 l
Start unit	12 V
Max. oil capacity	200 l/min
Max. hydraulic pressure	250 bar
Oil tank (Filling quantity)	230 l
Type of pump	Output-regulated variable pump

HYDRAULIC UNIT HP150

THE POWERHOUSE

FEATURES

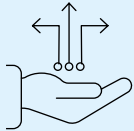
- Most powerful unit in the portfolio with maximum power output
- Tailored to the power requirements of TRACTO systems
- State-of-the-art 149 kW engine technology
- Environmentally friendly and efficient
- Output-regulated hydraulic pump
- Step-less speed adjustment
- Super-silenced
- Integrated forklift shoes and lifting eyes for easy transport
- Maintenance-friendly due to large inspection flaps



TECHNICAL DATA	HYDRAULIC UNIT HP150
Length	2.530 mm
Width	1.400 mm
Height	2.530 mm
Weight (with full tank)	3.800 kg
Drive engine	Cummins B4.5
Engine output at 3.000 rpm	149 kW
Rotational speed control	step-less
Emission level	Stage 5
Sound power level Lwa	100 dB(A)
Fuel tank (Filling capacity)	165 l
Start unit	24 V
Max. oil capacity	425 l/min
Max. hydraulic pressure	250 bar
Oil tank (Filling quantity)	945 l
Type of pump	Output-regulated variable pump

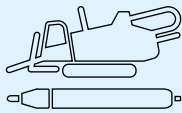
FULL SERVICE FOR TRENCHLESS TECHNOLOGY

Whether its before, during or after the purchase, whether in person or online – we are always at your side with advice and support. Our wide-ranged service is specially tailored to the requirements of trenchless pipe installations, so you can concentrate fully on your core business.



Digital Solutions

Our website offers you the whole world of trenchless technology in digital form. Find out more about our company, our products and their applications. Discover the digital tools for the HDD drilling technology and many other intelligent solutions. Always stay up to date by using the links to our social media channels. Or you can order machines, accessories and spare parts in our eSHOP – easy and conveniently via PC, smartphone or tablet.



Nodig Product Specialists

You can truly rely on our product specialists for all technical questions regarding the function and application of our steerable and non-steerable NODIG-systems. With comprehensive knowledge in each of their special fields, you can be sure they will find the best solution for your trenchless projects and advise you competently on setting up your jobsite.



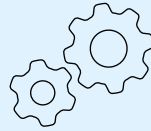
Financing

We offer attractive financing solutions for new and used machines to our customers and sales partners through the TRACTO-TECHNIK Finance GmbH. Be it financing, hire purchase, various types of leasing or insurance: we provide extensive expert advice, individually and personally, in order to find the tailored solution for you. Discretion goes without saying.



Training

Qualified training enables you to apply trenchless technology even more effectively and profitably. Our wide range of training courses for machine operators, construction professionals as well as planners and clients cover all aspects of NODIG technology, including special topics. Certified trainers also instruct you, in theory and practice according to your individual requirements, either at one of our numerous company locations, or directly on your own premises or online, independent of time and place.



Specialised Civil Engineering Service (Application Technology)

The specialised civil engineering service for application technology provides support for all your trenchless construction sites. Our experts demonstrate the steerable and non-steerable NODIG technology live in practical use, show your drilling teams how to use it or actively assist with special projects.



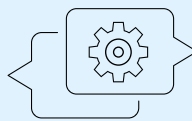
Geoservice

Precise knowledge of the soil is the key to successful trenchless projects. Our Geoservice team provides you with this professional knowledge. Our expertise puts you in a position to master every type of soil. Based on geoscientific maps and existing construction files, we supply information on the soil, which will help you with calculations or supplements.



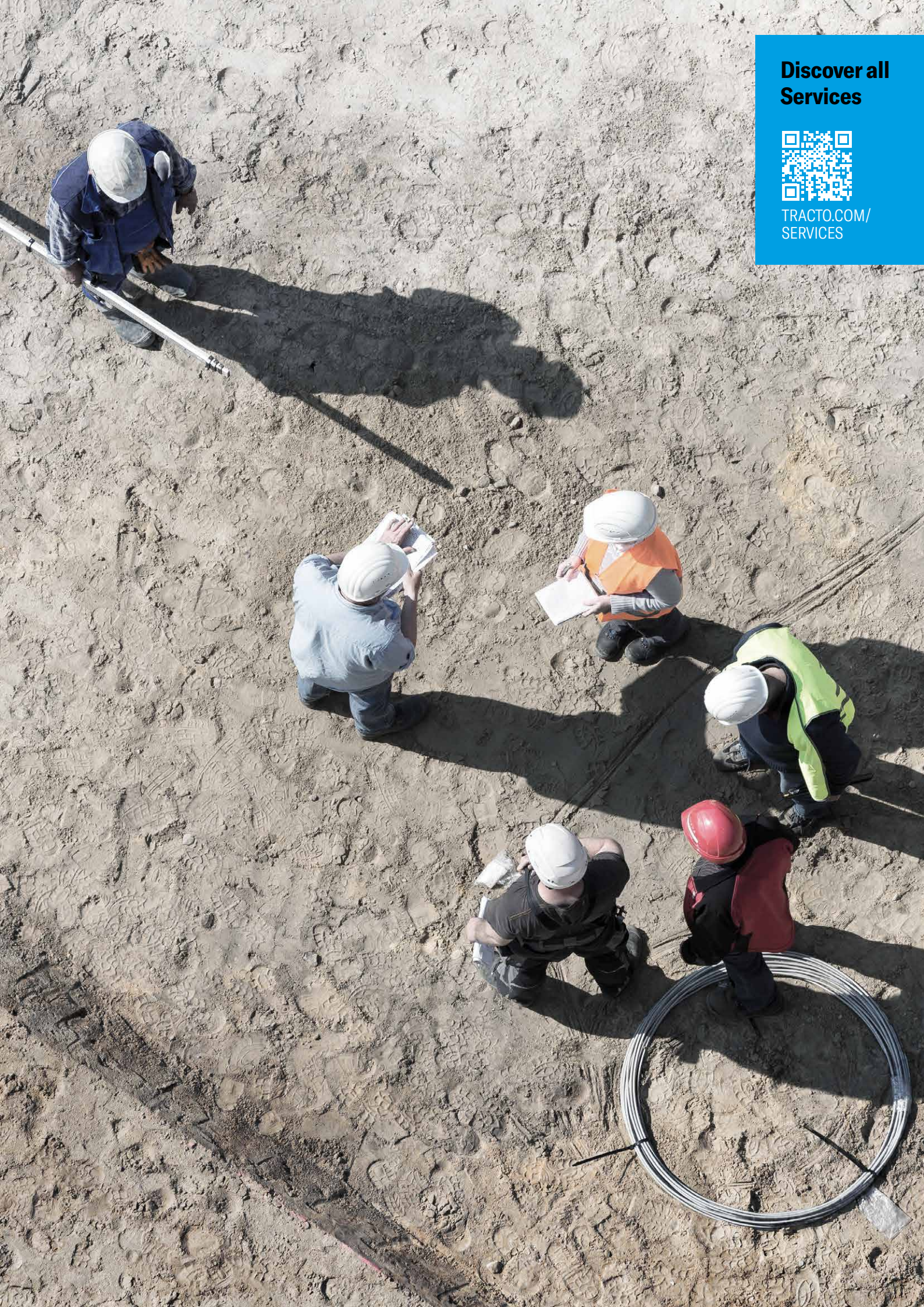
Used Equipment

If you want to sell a used machine at an attractive price or are looking for the right equipment for your tasks, our full service for used NODIG machines will take the workload off your hands – from appraisal and price determination to professional repair and certification, through to achieving the best price for you via our used machine website with access to one of the world's largest construction machinery platforms.



After Sales

Via our worldwide service network we are always there for you, even after the purchase. A total of five TRACTO plants and seven customer centres in Germany, as well as our worldwide sister companies and sales partners guarantee fast supply of spare parts and immediate availability. Our competent service staff offer fast assistance, to ensure you don't lose any time.



**Discover all
Services**



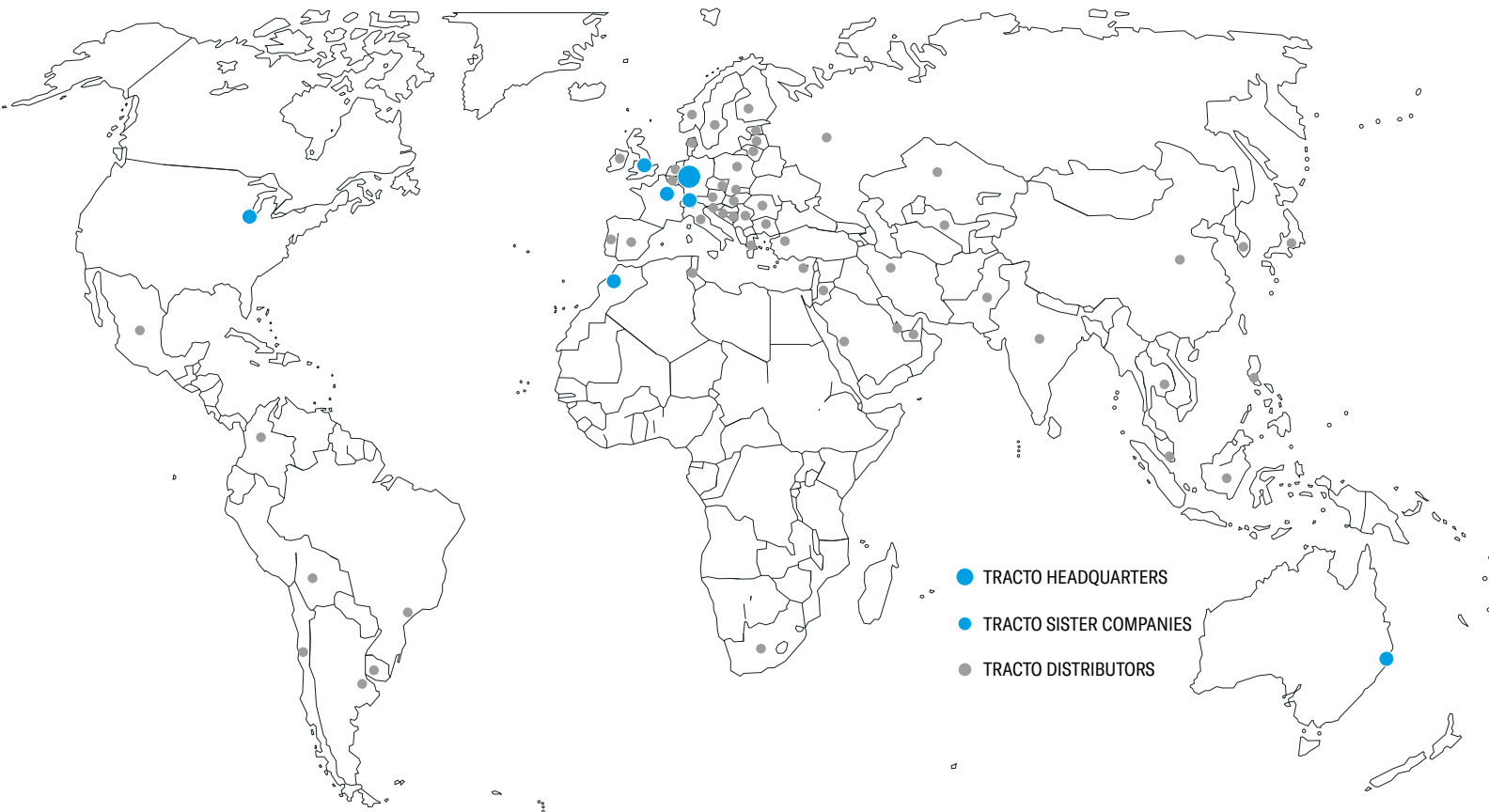
[TRACTO.COM/
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