

TRACTO

GRUNDODRILL 20N 4.5
HDD DRILLING RIG
KEY PLAYER



ADVANCED TRENCHLESS TECHNOLOGY

GRUNDODRILL 20N 4.5

KEY PLAYER

More about
GRUNDODRILL
20N



POWER FOR ALL REQUIREMENTS

With a thrust/pulling force of 200 kN and stepless torque adjustment, the GRUNDODRILL 20N can be optimally adapted to challenging ground conditions and requirements on-site.

DRILL RODS FOR THE LONG RUN

The GRUNDODRILL 20N 4.5 has a total of 270 metres of 4.5-metre-long TwinDrive drill rods on board. This makes it possible to carry out even long bores in one piece. The reduced number of rod connections compared with those of 3-metre-long rods makes regular drilling operations more efficient and faster.

The fully automatic rod handling system guarantees high productivity and minimises idle time, reducing the workload for the machine operator. The same applies to the on-board crane, which makes handling the 4.5 m rods and accessories easy and safe.

This rod concept also offers benefits in terms of speed and efficiency for cable-guided drilling, for which the GRUNDODRILL 20N can be optionally converted.

MADE FOR EFFICIENCY & COMFORT

The GRUNDODRILL 20N 4.5 is a highly efficient drilling rig thanks to its technical features and premium construction.

The entire 20N machine concept is designed to perform all operations as efficiently as possible, offering the operator the highest level of ergonomics and operating comfort for every task. This is achieved through various assistance systems, such as bore automatics and digital tools like the BORE DATA app for automatic drilling data logging. Not to mention the fully-equipped rotating comfort cabin with a touchscreen PC, internet connection and ample storage space.

TECHNICAL DATA	DRILL RODS TD 82 / 4.5
Pulling force Thrust force	200 kN
Max. feed rate	36 m/min
Max. Torque	10.000 Nm
Max. spindle speed	180 rpm
HD Bentonite pump P72	400 l/min ⁻¹
Bentonite pressure P72	90 bar
Rod magazine capacity	270 m
Effective Rod length	4.500 mm
Number of rods	60 pcs
Rod diameter Ø	82 mm
Min. drilling radius	60 m
L x W x H (transport position)	8.090 x 2.350 x 2.950 mm
L x W x H (working position with swivelled out cabin, 11°)	8.090 x 3.050 x 3.140 mm
L x W x H (working position with swivelled out cabin, 27°)	8.090 x 3.050 x 3.900 mm
Weight	16.900 kg *
Drive motor/engine manufacturer	Cummins
Exhaust emission standard	Stage V
Max. Engine power	123 kW
Fuel tank capacity	180 l
Angle of inclination	0 - 27°

Data subject to change

* depending on the selected configuration

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