

INSPIRING TRENCHLESSD TECHNOLOGIES



TRACTO-TECHNIK

Hydraulically pivotable cabin - operator-convenient, clearly arranged, can be flexibly positioned

Large GFRP hood easily accessible for service and maintenance

Anchoring system for enhanced stability while drilling and minimal rod wear

Broad undercarriage with rubberised steel tracks- extremely mobile and self-supporting

can be converted for **cable-guided bores** when drilling in challenging terrain and at great depths

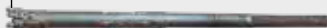
High-performance Bentonite pump for rapid reaming speed and large reaming diameters

Motor with the highest output of its class - low fuel consumption, low noise and emission levels

18N ALL ROUNDER

MADE IN GERMANY

GRUNDODRILL^{18N} Fluid-assisted HDD rig



- Choice of TD73 and/or TD 82 rods - flexibly applicable
- Fully automatic rod exchange in only 35 seconds - short idle times and equal wear of all rods in the magazine.
- Large rod magazine - up to 225 m on board



Drive slide with rack and pinion:

- High torque for optimal power transmission
- Stepless pulling and thrust force restriction
- Best possible adaptation to demands and soil conditions.



TECHNICAL DATA



Model

Basic equipment

GRUNDODRILL^{18N}

- Cummins motor Tier 4 final, Stage IV for driving and drilling, 119 kW
- Drill rig with rubber track undercarriage, stabilisers
- wireless remote control
- spacious cabin, comfortable seat, joysticks, panel PC with touchscreen, air conditioning
- automatic bore mode
- fully automatic rod exchange system
- fully automatic clamp and break-away facility
- Anchoring system with drilling fluid collecting tray
- powerful HP Bentonite pump on board the rig
- Bore data logging – data transfer
- High-pressure cleaner

Performance data

L x W x H [mm]
Weight incl. rods [kg]
Rod magazine contents [m]
Inclination angle
Thrust and pullback force [kN]
Max. torque [Nm]
Max. spindle speed [rpm]
Pilot bore Ø [mm]
Drill rods Twin Drive Ø [mm]
Effective rod length [mm]
Drill rod weight [kg]
Upsizing Ø* [mm]
Outer pipe Ø* [mm]
Bore length* [m]
Min. bore radius [m]
Max. driving speed [km/h] 2 stages
Fresh water tank [l]
Super-silenced [dB (A)]
Max. engine output [kW]
HP Bentonite pump [l/min]
Full-body or hand / arm vibration [m/s ²]
Diesel tank [l]

Drill rod type: TD73 · TD82

6.700 x 2.300 x 2.570
14.350
225 · 210
12°-30°
180 · 200
7.500 · 10.000
200
115 · 140/170
73/63 · 82
3.000
42 · 46
≤ 600
≤ 500
≤ 400
55 · 60 NEW
3,3/5
130
66
119
320 (400)
< 0,5
180

