



GRUNDODRILL 25 N – HDD bore unit

A top choice “Turbo-Drill”



The new 25 N is the strongest in its performance class currently on offer and has no comparison to any other bore unit.

The Deutz Diesel motor gives a powerful 190 kW, which can also be operated with Bio-diesel. 245 kN pulling and thrust force and a torque of 10000 Nm are available for your bore tasks. Just like the 15N the 25 N is equipped with a strengthened percussive hammer, which gives added dynamic support when penetrating difficult, stony soils. The Bentonite pumps supplies up to 500 l per minute at a max. pressure of 95 bar.

A pilot bore of 140 mm diameter is produced with the twin drive drill rods TD 82. The magazine provides a quantity of 288 m drill rods. This means a comfortable amount in reserve – no need to add any manually, as is the case with smaller drill rod magazines. The drill rods are taken from the magazine with a gripper and placed onto the rig boom, or placed back into the drill rod magazine.

Like all other TT bore units the 25 N is also equipped with auto-bore. This reduces non-productive bore times immensely, the operator has less routine functions to carry out and the drill rod retrieval is optimised by the required torque.

The swivable and air-conditioned operator cabin is equipped with modern joysticks for steering and a digital function indicator, therefore extremely comfortable. Emergency hydraulics carry out all functions should the electrical components break down. The fact that the 25 N is easy to access is also a service friendly aspect.

With a total weight of 18 t and an operation width of only 2,5 m the 25 N really stands rock solid. The rubberised steel chain undercarriage is wear independent, has a high loading capacity and is of course mobile in terrains.

Top class technology on the whole front, to meet even the highest demands.





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Equipment

- 190 kW (255 PS) drive capacity
- 10000 Nm torque to install pipe diameters up to 650 mm (depending on soil conditions)
- approx. 25 t thrust and pulling capacity, extremely long bores up to 500 m (depending on soil conditions)
- additional percussive hammer, 1500 strokes/min
- Drill rod loading system for 288 m drill rods
- Comfortable operator seat with weight adjustment
- Comfortable cabin, function control with coloured display, air-conditioning, floor heater, separated front window, shade-lite glass, radio, CD-player, interior lighting, security system and displaceable roof, including bore data storage acc. DVGW GW 321 and fully automatic operation
- Anchoring hammer system
- 500 l/min Bentonite HP pump

Technical data

Dimensions (L x w x h mm):.....	6600 x 2510 x 2600
Weight incl. drill rods (kg).....	18000
Thrust force (kN)	245
Pulling force (kN)	245
Motor capacity, Deutz Diesel engine (kW)	190
Max. torque (Nm).....	10000
Max. Spindle rpm's (rpm):.....	200
Max. expander Ø (mm)	≤ 850
Max. pipe outer-Ø (mm)	≤ 650
Max. bore length (mm)	≤ 500

Subject to Alterations!



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