



Drilling Rig

Type PRAKLA RB50



Technical Data

Type	RB50 – 601125
Max. permissible hook load	500 kN
Chassis	MAN TGA 33.440 6x6 – 324kW Euro3
No. of chassis	WMA56WZZ7HL074201
Year of construction	2019
General overhaul	2024

Drilling Techniques

- | | |
|---|--|
| - Rotary mud drilling | - Rotary air drilling |
| - Rotary drilling with direct circulation | - Rotary drilling with reverse circulation |
| - Auger drilling | - Percussion core drilling (ram coring) |
| - Wire-line core drilling | - Down-the-hole hammer drilling |
| - Free-fall drilling | - Directional Drilling |

Drilling diameter	from 4" (108 mm) to 47" (1200 mm)
Drilling depth	max. 1200m



Mast

Mast height	13,4 m
Casing installation height	9,5 m
Free working height power swivel	7,5 m
Max. permissible hook load	500 kN

Feed device

hydr. cylinder

Push-down / Pull-back force	80 / 190 kN
Speed	0 – 0,8 m/s

Power swivel S150.2

gear select, 3 speeds

Torque at 0-45 rpm	31.580 Nm
Torque at 0-85 rpm	16.600 Nm
Torque at 0-340 rpm	4.150 Nm
I.D. hollow shaft	150 mm
Pressure max.	40 bar

Draw works

Wire rope diameter / Rope length	20 mm / 100 m
Line pull 1st layer	95 kN
Line pull (6-fold crane block)	500 kN

Coring winch / sand winch

Wire rope diameter / Rope length	10 mm / 50 m
Line pull 1st layer	19 kN

Piston mud pump (ext.)

Duplex 7.1/2" x 8"

Discharge capacity	2200 l/min.
Operating pressure	17 bar

Centrifugal mud pump

Mission Magnum 4" x 3" x 13"

Discharge capacity	3000 l/min.
Operating pressure	7 bar



Dimensions

