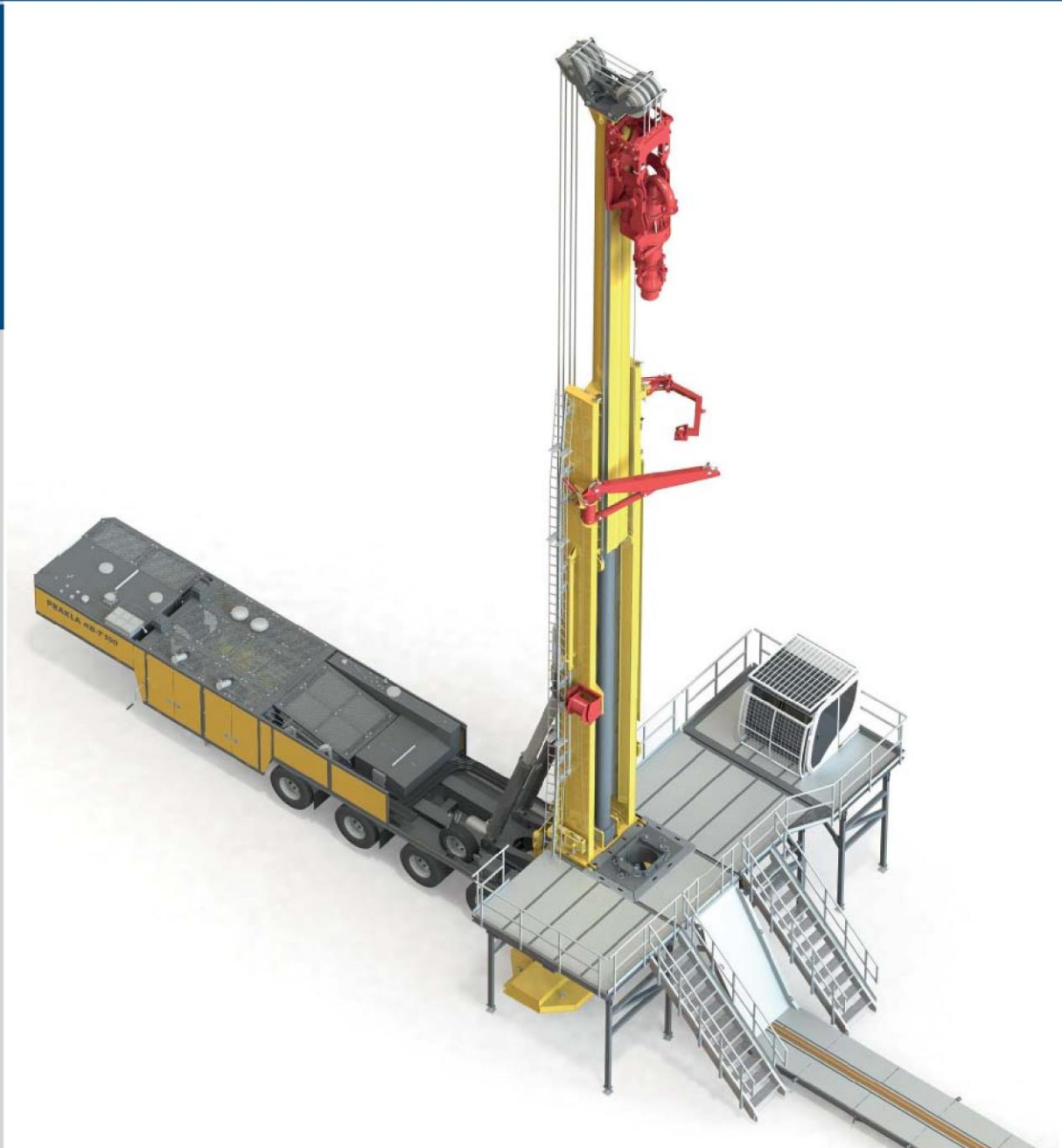


RB-T 100

Multipurpose Drilling Rig

Prakla Bohrtechnik



PRAKLA
Bohrtechnik

Mast

The self-standing, telescopic mast consists of two independent sections. The outer mast section is connected to the trailer frame and is equipped with guides for the inner mast section. The sliding inner mast section is lifted by a central feed cylinder. Two integrated backstay cylinders raise the mast system into the





Mast	Telescopic mast
Max. hook load	100 t
Stroke length	16.4 m
Total height	26.8 m
Drill floor height	Up to 4.5 m
Hoisting system	Cylinder system
Pull down capacity	20 t
Top drive	S-200 HD hydraulically driven
Max. drilling torque (nominal)	46,000 Nm
Max. break-out torque (nominal)	70,000 Nm
Variable speed (stepless)	0 – 350 rpm
Rated power (nominal)	327 kW
Top drive shaft (ID)	200 mm
Engine	Caterpillar C 27
Rated power	708 kW (Tier 2)
Diesel tank capacity	2,000 l
Ambient air temperature	from - 20°C to + 40°C
Hydraulic system	Electrically pilot controlled
Hydraulic tank	2,000 l
Hydraulic cooling capacity	300 kW
Total weight (excl. truck)	59 t
Max. drill pipe length	Range III
Max. casing length	Range III

Top Drive

Power swivel designed for high hookloads and fast rotation speed for challenging coring operations.

It is equipped with

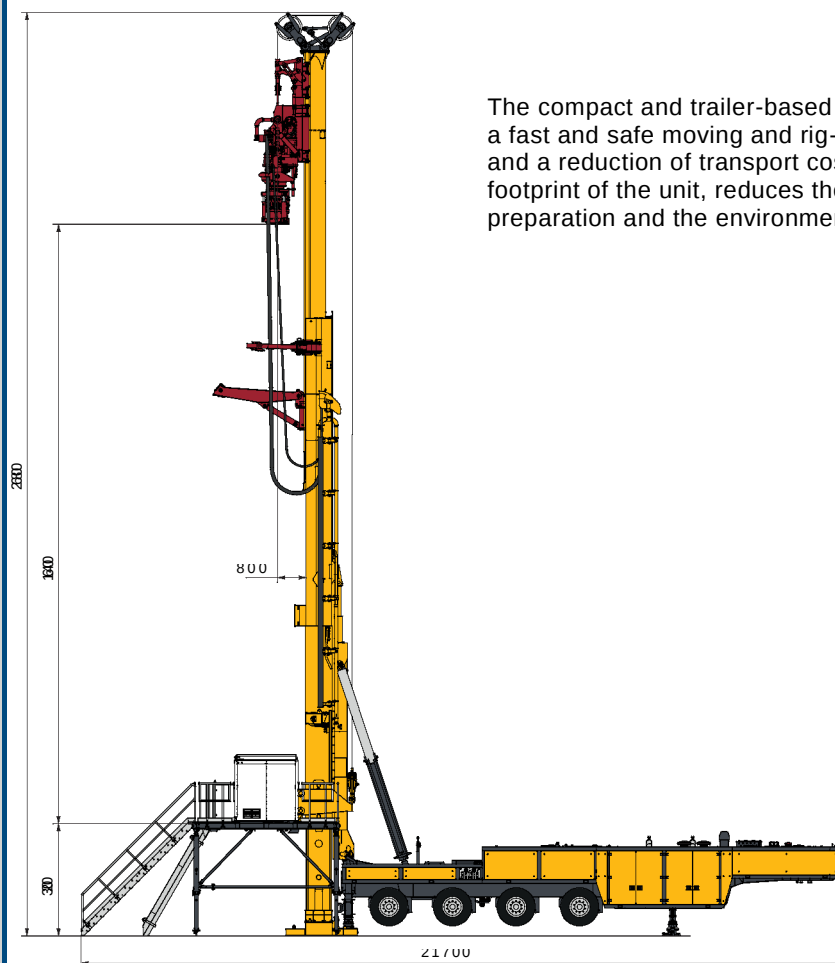
- A power swivel stuffing box, rated at 5,000 psi.
- Wash-pipe with 75 mm free ID, or
- Wash-pipe with 200 mm free ID for large diameter drilling projects, rated at 40 bar (580 psi).
- Chuck system to enhance pipe handling. Drill pipes and drill collars up to 10.3/4" can be handled. (Further top drive options on request)



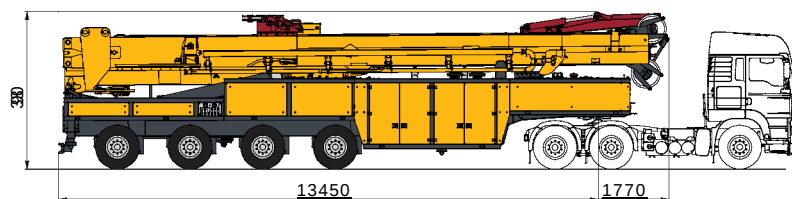
Additional equipment

- Oil and gas package
- Customized mud handling systems
- Mud pumps
- DTH Equipment (foam pump, line oiler)
- Coring package
- Optional motorization:
Diesel engine Tier 4 or electrically driven engine
- External manifold, adaptable to different drilling requirements

Transport and Set-up



The compact and trailer-based transport unit allows a fast and safe moving and rig-up/down operation and a reduction of transport costs. The compact footprint of the unit, reduces the costs for wellsite preparation and the environmental impact.



Transport width 2.75 m



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