

Rotary Drilling Rig



DRILLING CAPACITY

Description	DR 2000
Drill Hole Size	8" (203 mm)
Max. Reaming size	22" (550 mm)
Drill Rod Diameter	3 1/2" (89 mm)
Max. Depth	2000 ft (610 mtrs)

MAST

Construction	Heavy Duty Structural Steel tubes
Hook Load Capacity	45455 Kgf
Raising & Loading	Two Hydraulic Cylinders

DRILL HEAD

Type of Drive	Hydraulic
Retraction	533 mm

CAT HEAD

Shaft Mounted on Right Side of Drill Head

PULL DOWN

Capacity	7272 Kgf
Drive	Hydraulic Cylinder

DRAW WORKS

Hosting Drum & Sand Reel Drum	Chain Through Heavy duty Multi Disc Clutch & brake System
No of Brakes	Two
Max Pull-Single Line	6818 Kgf

PRIME MOVER

Input Drive	Driven by Truck engine / Suitable Capacity Deck Engine
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MUD PUMP

Stroke	250 mm
Bore	175 mm
Flow	2107 lpm
Max Pressure	20 bar
Drive	Hydraulic

HYDRAULIC SYSTEM

Pump Flow	95 lpm
Operation Pressure	105 kg/cm ²
Pump Type	Vane/Gear

LEVELLING JACKS

Type	Hydraulically actuated
Bore Dia.	125 mm
Stroke	610 mm
Quantity	4 Nos.

BREAK OUT WRENCH

Actuation Type	Hydraulic
Cylinder Stroke	300 mm
Bore Dia.	80 mm

WELDING GENERATOR

Max Amp.	300-450 Amp.
Voltage	80 V
Drive	Mechanical with V-Belt

Water Africa Services can supply products in custom built models in various configurations, Mounting features to suit all special requirements & technical specifications can be offered accordingly. (In view of continuous Research & Development and Product improvement Programme all specifications, features etc., are subject to amendments without prior notice)