

# Apollo HD 50/100

## Horizontal Directional Drill (HDD) Machine with Operator Cabin



### Technical Specifications

Dimensions & Weights	
Length	9015 mm
Width	2440 mm
Height	2650 mm
Weight (without Drill Pipe)	--
Weight	14.6 Ton
Engine	
Make & Model	CAT®
Fuel Type	Diesel
Maximum Engine Speed	2200 rpm
Number of Cylinders	6 Cylinders with Turbo Charger
Horse-Power Rating	275 hp (205 kW)
Drill Pipe	
Drill Pipe Length	4572 mm (4.5 m)
Weight (Each Pipe)	100 kg
Rod Box Capacity	No
Outer Diameter of Joint	103 mm
Outer Diameter of Tube	89 mm
Water Pump System	
Max Flow Rate	800 l/min
Max Pressure	1000 psi
Technical Parameter	
Max Spindle Speed	145 rpm
Torque	26000 Nm
Max. Thrust-Force	1000 kN
Max. Pull-Force	1000 kN

Features	
Electrical System	24 Volts
Drilling Lights	Yes
Auto Anchoring system	No
Drilling Lights	Yes
Crane	Yes (Optional)
Hydraulic Enable	Yes
Rack-Pinion System	Yes
Auto Rod-Loader System	Arm Loader
Operators Cabin	Yes
Drive System	Steel Track
Hydraulic Systems	
Auxiliary/Pump Relief Pressure	3000 psi
Thrust/Pull-Back Pump Relief Pressure	6000 psi
Rotational Pump Relief Pressure	6000 psi
Fluid Capacities	
Engine Oil Capacity	25 litre
Diesel Tank Capacity	242 litre
Hydraulic Oil Tank Capacity	390 litre
Working Capacity	
Max. Back Reamer Diameter	1000 mm

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# apollo®



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