

# apollo

***A Compact Rig with  
Dynamic Performance***



***A200 HDD***

***India's First***

***Horizontal Directional  
Drill (HDD) Machine***

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## Horizontal Directional Drill (HDD) Machine



### Technical Specifications

#### Dimensions & Weights

Length	5250 mm
Width	1575 mm
Height	2020 mm
Weight (without Drill Pipe)	4940 kg
Weight (with Drill Pipe)	5598 kg

#### Engine

Make & Model	Ashok Leyland ALUW04D
Fuel Type	Diesel
Maximum Engine Speed	2200 rpm
Number of Cylinders	4 Cylinders with Turbo Charger
Horse-Power Rating	76 hp (56 kW)
Maximum Torque	230 Nm @ 1800 rpm
Cooling Method	Liquid

#### Drill Pipe

Working Length	3048 mm (3 m)
Weight (Each Pipe)	23 kg
Rod Box Capacity	28 Pipes
Outer Diameter of Joints	54 mm
Outer Diameter of Tube	48 mm

#### Mud Pump

Flow	26 GPM
Pressure	1000 psi

#### Technical Parameter

Maximum Spindle Speed	216 rpm
Maximum Spindle Torque	4900 Nm
Thrust Force	9850 kg
Pull-Back Force	9850 kg

#### Features

Electrical System	12 V
Drilling Lights	YES
Auto-Anchoring System	YES
Crane	-
Hydraulic Enable	YES
Rack-Pinion System	YES
Auto Rod-Loader System	-
Operators' Cabin (Optional)	-
Drive System	Steel Track

#### Hydraulic Systems

Auxiliary Pump Relief Pressure	3000 psi
Thrust/Pull-Back Pump Relief Pressure	3350 psi
Rotational Pump Relief Pressure	3750 psi

#### Fluid Capacities

Engine Oil Capacity	10 litre
Diesel Tank Capacity	120 litre
Hydraulic Oil Tank Capacity	182 litre

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