

apollo

A Large-size Rig for Bigger Job-site



A1200 HDD

India's First

**Horizontal Directional
Drill (HDD) Machine**

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Horizontal Directional Drill (HDD) Machine with Operator Cabin



Technical Specifications

Dimensions & Weights		Technical Parameter	
Length	10720 mm	Maximum Spindle Speed	98 rpm
Width	2600 mm	Maximum Spindle Torque	30200 Nm
Height	3670 mm	Thrust Force	64800 kg
Weight (without Drill Pipe)	22850 kg	Pull-Back Force	64800 kg
Weight (with Drill Pipe)	24650 kg	Features	
Engine		Electrical System	24 V
Make & Model	Ashok Leyland AL8NTIDG3	Drilling Lights	YES
Fuel Type	Diesel	Auto-Anchoring System	-
Maximum Engine Speed	2200 rpm	Crane	-
Number of Cylinders	6 Cylinders with Turbo Charger	Hydraulic Enable	YES
Horse-Power Rating	280 hp (208 kW)	Rack-Pinion System	YES
Maximum Torque	1350 Nm @ 1400 rpm	Auto Rod-Loader System	YES
Cooling Method	Liquid	Operators' Cabin (Optional)	YES
Drill Pipe		Drive System	Steel Track
Working Length	6096 mm (6 m)	Hydraulic Systems	
Weight (Each Pipe)	150 kg	Auxiliary Pump Relief Pressure	3000 psi
Rod Box Capacity	12 Pipes	Thrust/Pull-Back Pump Relief Pressure	6000 psi
Outer Diameter of Joints	111 mm	Rotational Pump Relief Pressure	6000 psi
Outer Diameter of Tube	89 mm	Fluid Capacities	
Mud Pump		Engine Oil Capacity	25 litre
Flow	200 GPM	Diesel Tank Capacity	250 litre
Pressure	800 psi	Hydraulic Oil Tank Capacity	440 litre

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