

Better Productivity **Reduced Headaches**

Apollo is India's first HDD rig manufacturer and features a full line of HDD rigs. The A400 HDD provides 12 tons of pulling force and 5500 Nm of torque, which delivers long lasting productivity in a compact, well designed and for better maneuverability. The 130 HP Ashok Leyland engine delivers unmatched performance that operators can feel and appreciate during tough drilling conditions. The A400 is fitted with quality components, which ensure durability over time. The design of the A400 is simple and delivers reliable operation and ease of maintenance. The A400 rig features a thoughtfully designed operator station with smart controls. For rig stability the A400 offers auto-anchoring system.

Apollo single piece forged drill rod provides the optimal range of strength and more flexibility with finished threads.



A400 HDD

India's First Horizontal Directional Drill (HDD) Machine



Technical Specifications

Dimensions & Weights	
Length	5257 mm
Width	1981 mm
Height	2060 mm
Weight (without drill pipe)	6080 kg
Weight (with drill pipe)	7930 kg
Travelling Speed	1.40 km / hour
Engine	
Make & Model	Ashok Leyland H4CTINES24/1
Fuel Type	Diesel
Maximum Engine Speed	2400 RPM
Number of Cylinders	4 Cylinders with Turbo Charger
Horse-Power Rating	130 HP (97 KW)
Maximum Torque	460 Nm @ 1400 RPM
Drill Pipe	
Length	3048 mm (3m)
Weight (Each Pipe)	36 Kg
Rod Box Capacity	500 Feet (50 Pipe)
Minimum Bend Radius	110 Feet
Pipe Diameter	2.375"
Water Pump System	
Flow	200 LPM
Pressure	1200 PSI

Technical Parameter	
Maximum Spindle Speed	260 RPM
Maximum Spindle Torque	5500 Nm
Minimum Bore Diameter	3.5"
Thrust Force	8150 kg
Pull-Back Force	11810 kg
Features	
Electrical System	12 Volts
Drilling Lights	YES
Stake-Down System (Auto-Anchoring)	YES
Hydraulic Enable	YES
Hydraulic Systems	
Auxiliary Pump Relief Pressure	3000 PSI
Thrust/Pull-Back Pump Relief Pressure	3000 PSI
Rotational Pump Relief Pressure	6000 PSI
Fluid Capacities	
Engine Oil Capacity	12 Litre
Diesel Tank Capacity	130 Litre
Hydraulic Oil Tank Capacity	210 Litre

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apollo™

Let's provide better solutions to our nation...!

ApolloTechno Industries Pvt. Ltd.

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