

An Enhanced Rig with Greater Performance

The A600 HDD features a rack-pinion system powered by a 130 HP Ashok Leyland engine. Along with a pullback capacity of 15.735 tons and torque of 6000 Nm, the A600 is equipped with a variable flow water pump for a variety of tough drilling conditions. The A600 HDD is equipped with three-variable drilling speeds, with greater rotational speed for enhanced productivity. The A600 also features; automatic rod loading on rack n pinion system to reduce manpower requirements and increase job efficiency. The A600 features sealed & lubricated track rollers; carrier rollers and idlers that provide excellent service life and helps keep the A600 working longer in the field. Based on customer's input, we have designed the A600 for durability and to deliver results in a highly efficient and reliable manner across a wide range of segments.

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



A600 HDD

India's First Horizontal Directional Drill (HDD) Machine



Technical Specifications

Dimensions & Weights	
Length	5995 mm
Width	2100 mm
Height	2150 mm
Weight (without drill pipe)	6970 kg
Weight (with drill pipe)	8770 kg
Travelling Speed	1.40 km / hour
Engine	
Make and 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	258 RPM
Maximum Spindle Torque	6000 Nm
Minimum Bore Diameter	3.5"
Thrust Force	15735 kg
Pull-Back Force	15735 kg
Thrust/Pull Back Speed	Low/Med/High (3 Speed)
Features	
Electrical System	12 Volts
Drilling Lights	YES
Stake-Down System (Auto-Anchoring)	YES
Rack-Pinion System	Single
Auto Rod-Loader System	Rack-Pinion Type
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	12 Litre
Diesel Tank Capacity	130 Litre
Hydraulic Oil Tank Capacity	224 Litre

© ApolloTechno Industries Pvt. Ltd. can change specifications without any prior notice. Accessories shown with product may optional and not a part of standard supply.

apollo™

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

ApolloTechno Industries Pvt. Ltd.

Factory : Survey No. 167, Ahmedabad-Mehsana NH-8,
Mandali - 382732, Dist.: Mehsana, (Gujarat) India.

+91 99090 14960, 90990 77566 | info@apollo techno.in | www.apollo techno.in

Branches:

Ahmedabad • Bengaluru • Bhopal • Chennai • Delhi • Jaipur • Kolkata • Raipur • Ranchi