

A Mid-size Rig for Tough Jobs

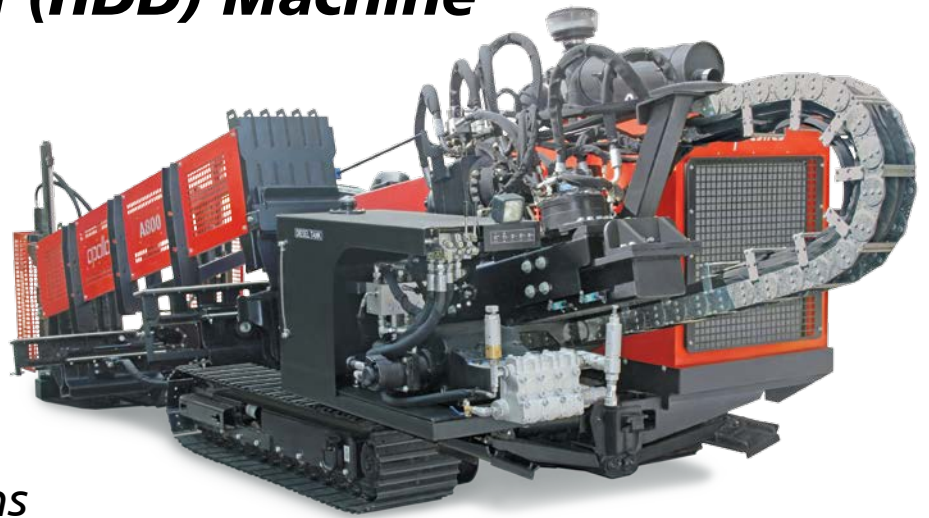
The A800 HDD is designed for a range of small to medium diameter, short to long distance jobs and soft to hard rock boring projects. The A800 is constructed with a rack n pinion system with 160 HP Ashok Leyland engine. Along with the more powerful engine, pullback force has increased to 19.81 tons with a torque rating of 6500Nm. This combination of pullback force and torque is ideal for longer distance jobs and larger diameter applications. The A800 is equipped with auto rod-loader system on rack n pinion system to reduce manpower requirements and increase job efficiency. The A800 also features three drilling speeds for different conditions. This model's proportional operated joystick control is designed to match your natural wrist and arm positions during operation to reduce operator fatigue and provide maximum comfort. The A800 also features sealed and lubricated track rollers; carrier rollers and idlers that provide excellent service life and helps keep the rig working longer in the field. Additional special features are auto-drill function and half-rotational function (optional), which enhances performance in solid conditions.

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



A800 HDD

India's First Horizontal Directional Drill (HDD) Machine



Technical Specifications

Dimensions & Weights	
Length	5810 mm
Width	2300 mm
Height	2250 mm
Weight (without Drill pipe)	9500 kg
Weight (with Drill pipe)	11 500 kg
Travelling Speed	2.5 km / hour
Engine	
Make & Model	Ashok Leyland H6ETIC3RS23/1
Fuel Type	Diesel
Maximum Engine Speed	2300 RPM
Number of Cylinders	6 Cylinders with Turbo Charger
Horse-Power Rating	160 HP (119 KW)
Maximum Torque	589 Nm @ 1800 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	300 LPM
Pressure	1000 PSI

Technical Parameter	
Maximum Spindle Speed	234 RPM
Maximum Spindle Torque	6500 Nm
Minimum Bore Diameter	3.5"
Thrust Force	19810 kg
Pull-Back Force	19810 kg
Features	
Electrical System	24 Volts
Drilling Lights	YES
Stake-Down System (Auto-Anchoring)	YES
Rack-Pinion System	Double
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	19 Litre
Diesel Tank Capacity	168 Litre
Hydraulic Oil Tank Capacity	239 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