

A Mid-size Rig for Tough Jobs

The Apollo A800 R is designed for a range of medium diameter, mid to long distance job as well as medium to hard rock boring projects. A800 R is constructed with a quality rack-pinion system with 160 HP Ashok Leyland engine. Along with the more powerful engine, pull back force has increased to 19.810 tons with a torque rating of 6500 Nm. This combination of pull back force and torque is ideal for longer distance jobs and larger diameter applications.

The R Series equipped with advanced electronics and powerful hydraulics, which contribute the greater performance. It also offers comfortable wide operator's cab, and operator seat that can be turned 180 degree. The A800 is equipped with auto rod-loader system on rack-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 R also uses 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.



A800R HDD

India's First Horizontal Directional Drill (HDD) Machine with Operator Cabin



Technical Specifications

Dimensions & Weights	
Length	5810 mm
Width	2300 mm
Height (without AC cabin)	2400 mm
Weight (without drill pipe)	19,797 lbs (8,980 kg)
Weight (with drill pipe)	23,765 lbs (10,780 kg)
Travelling Speed	2.5 km / hour
Engine	
Make & Model	Ashok Leyland H6ETIC3RS23/1 CEV3AC
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)	39 kg
Rod Loading Capacity	500 Feet (50 Pipe)
Minimum Bend Radius	110 Feet
Pipe Diameter	70 mm
Water Pump System	
Flow	80 GPM (300 LPM)
Pressure	1000 PSI

Technical Parameter	
Maximum Spindle Speed	234 RPM
Maximum Spindle Torque	6500 Nm
Minimum Bore Diameter	3.5"
Thrust Force	43,673 lbs (19,810 kg)
Pull-Back Force	43,673 lbs (19,810 kg)
Features	
Electrical System	24 Volts
Drilling Lights	YES
Operator Cabin (Optional)	YES (AC Cabin)
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™

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