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*A Mid-size Rig
for Tough Jobs*



A800 HDD

India's First

**Horizontal Directional
Drill (HDD) Machine**

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Horizontal Directional Drill (HDD) Machine



Technical Specifications

Dimensions & Weights

Length	5880 mm
Width	2370 mm
Height	2340 mm
Weight (without Drill Pipe)	9508 kg
Weight (with Drill Pipe)	11208 kg

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
Cooling Method	Liquid

Drill Pipe

Working Length	3048 mm (3 m)
Weight (Each Pipe)	34 kg
Rod Box Capacity	50 Pipes
Outer Diameter of Joints	66.7 mm
Outer Diameter of Tube	60.3 mm

Mud Pump

Flow	70 GPM
Pressure	1000 psi

Technical Parameter

Maximum Spindle Speed	234 rpm
Maximum Spindle Torque	6500 Nm
Thrust Force	22090 kg
Pull-Back Force	22090 kg

Features

Electrical System	24 V
Drilling Lights	YES
Auto-Anchoring System	YES
Crane	-
Hydraulic Enable	YES
Rack-Pinion System	YES
Auto Rod-Loader System	YES
Operators' Cabin (Optional)	-
Drive System	Steel Track

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

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