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Better Productivity
Reduced Headaches



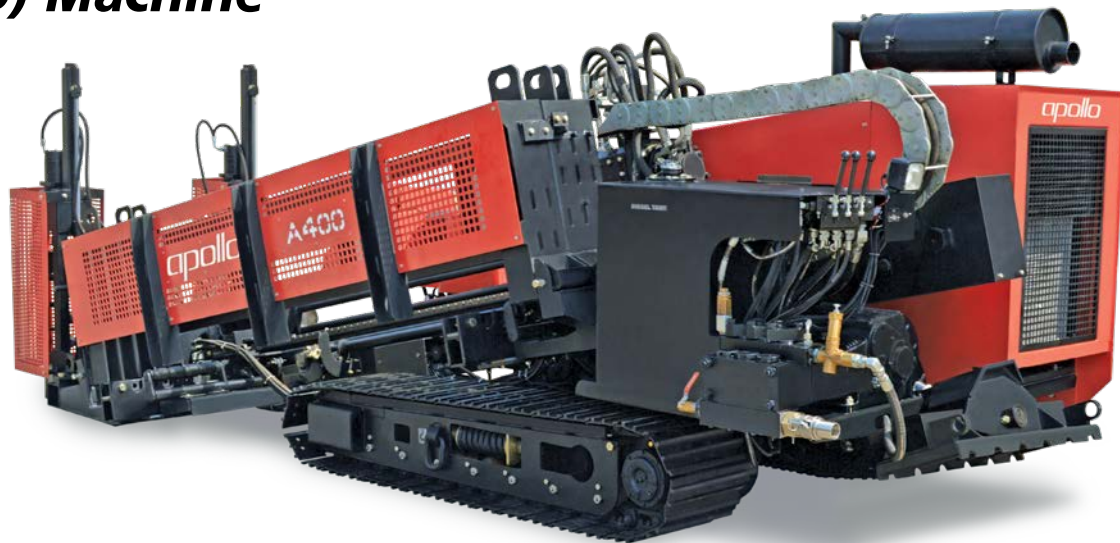
A400 HDD

India's First

**Horizontal Directional
Drill (HDD) Machine**

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Horizontal Directional Drill (HDD) Machine



Technical Specifications

Dimensions & Weights

Length	5400 mm
Width	1970 mm
Height	2190 mm
Weight (without Drill Pipe)	6080 kg
Weight (with Drill Pipe)	7730 kg

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 @ 1700 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	53 GPM
Pressure	1000 psi

Technical Parameter

Maximum Spindle Speed	260 rpm
Maximum Spindle Torque	5500 Nm
Thrust Force	8150 kg
Pull-Back Force	11810 kg

Features

Electrical System	12 V
Drilling Lights	YES
Auto-Anchoring System	YES
Crane	-
Hydraulic Enable	YES
Rack-Pinion System	-
Auto Rod-Loader System	-
Operators' Cabin (Optional)	-
Drive System	Steel Track

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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