

apollo[®]

Reliable Auger Solutions For Every Soil



Apollo DR 15

Application :
Anchors and Micropiles ...

**Hydraulic Drill Rig
(Geo Technical)**

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Hydraulic Drill Rig (Geo Technical)

Engineered for demanding foundation and ground-improvement projects, this hydraulic drilling rig delivers exceptional performance in anchors and micropiles applications.

Its heavy-duty mast and reinforced structural frame ensure superior rigidity and stability, allowing the machine to operate efficiently under high reaction forces and continuous drilling cycles.

Powered by an advanced load-sensing hydraulic system, the rig provides optimal power distribution to the rotary head and Thrust forces. This results in consistent torque, along with improved fuel economy, and reliable penetration across a wide range of soil formations.

A versatile multi-axis joint system offers precise mast articulation for vertical, inclined, and horizontal drilling. This flexibility enables rapid and accurate positioning, even in restricted or uneven terrain, allowing operators to execute complex drilling geometries with confidence.

Combining high productivity, directional precision, and dependable performance, this rig is designed to provide maximum drilling angles and exceptional adaptability across modern construction and geotechnical worksites.



Technical Specifications

DIAMENSIONS & WEIGHT	
Length	7960 mm
Width	2250 mm
Height	3240 mm
Weight of Rig	13.5 Ton
ENGINE	
Model	Ashok Leyland ALUW06DTI
Fuel Type	Diesel
Maximum Engine Speed	2200 rpm
Number of cylinders	6 cylinders with Turbo Charger
Horse-Power Rating	170 HP
Cooling Method	Liquid
DRILL PIPE (Option-1)	
Working Length	3048 mm
Weight (each pipe)	54 kg
Outer Diameter of Joints	83 mm
Outer Diameter of tube	73 mm
DRILL PIPE (Option-2)	
Working Length	3048 mm
Weight (each pipe)	34 kg
Outer Diameter of Joints	66.7 mm
Outer Diameter of tube	60.3 mm

ROTARY HEAD	
Maximum Torque	6500 Nm
Maximum Speed	234 rpm
Thrust/PullBack Force	8684 Nm
MAST	
Mast Length	6000 mm
Stroke of Rotary Head	3000 mm
UNDERCARRIAGE	
Overall Width of Undercarriage	2250 mm
Track Shoes Width	400 mm
Overall Track Length	2990 mm
MUD PUMP	
Flow	53 GPM
Pressure	1000 PSI
FEATURES	
Electrical System	24 V
Drilling Lights	YES
Drive System	Steel Track
Casing/Borehole	YES

© Apollo Techno Industries Limited can change specifications without any prior notice. Accessories shown with product may optional and not a part of standard supply.



Head Office & Factory :

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