

# *AirROC D40 SH*

ATLAS COPCO SURFACE DRILL RIGS

Hole range : 102 - 127 mm

*Atlas Copco*



# AirROC D40 SH : A change for the better

**AirROC D40 SH is a semi-hydraulic drill from Atlas Copco. This compact and rugged drill is a move towards a more efficient hydraulic concept and thus a change for the better. This is an ideal choice for DTH drilling as it fits in with ease for development and production drilling in Aggregate, Limestone and Open Pit Mining.**

The AirROC D40 SH with 6100 kgs weight is a down the hole hammer drill rig with entire function powered by hydraulics except the DTH hammer. This drill has on-board diesel engine which is a source of power for the hydraulic system. Main functions including tramming, set-up, boom movement, track oscillation, feed mechanism and rotation unit are hydraulically driven. Optional features like water injection system or DCT too are hydraulically driven.



AirROC D40 SH is powered by the reliable onboard 50 HP Mahindra Diesel engine. The hydraulic system is well synchronized to meet the demand of this drill. It has a heavy duty feed mechanism which can generate tractive pull of 20kN along with powerful rotation unit which provides high rotation torque to tackle challenging rock formations.

AirROC D40 SH is designed and tested for demanding construction, quarry and open pit mining jobs. The rig's low center of gravity and high ground clearance provides smooth mobility over the most challenging terrain.

Thanks to on-board engine, utilization of optimum available working pressure and FAD from portable compressor, you will achieve lower fuel consumption and higher productivity as compared to pneumatic drills.



## Technical Snapshot

Engine Model	Mahindra Diesel Engine : 38KW/ 50 HP
Rod Dia Length	23/8", 76 mm x 3000 mm
Feed, Rotation, Tramming	Hydraulic
Tractive Pull	20 KN
Rotation Torque	1700 NM
Tramming Speed	2.8 Km ph max
Ground Clearance	350mm
Track Oscillation	± 10
Transportation	
Weight	6100 kg
Dimension	L : 6200 mm W : 2200 mm H : 2350 mm
Recommended Compressor	450cfm @ 200 Psi or 500 cfm@ 175 psi

## COMMITTED TO SUSTAINABLE PRODUCTIVITY

We stand by our responsibilities towards our customers, towards the environment and the people around us. We make performance stand the test of time. This is what we call – Sustainable Productivity.

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