

**Atlas Copco** Surface Drill Rigs

# **ROC<sup>®</sup> D7** and **ROC<sup>®</sup> D9**



**The true companion for a wide range of applications**

ROC D7 hole diameter 64 – 115 mm (2½" – 4½")

ROC D9 hole diameter 76 – 115 mm (3" – 4½")

*Atlas Copco*

# Tough on rock


## friendly to environment

### In better shape than ever

Since the first D-series rig was delivered in late 1999, its popularity has been impressive, and well above 1000 rigs have been delivered to satisfied customers all around the world. But that doesn't mean we are satisfied. Atlas Copco is continuously making improvements in order to raise your productivity to the sky. Today's ROC D7 is better than ever. And by introducing ROC D9 with more powerful rockdrill and improved flushing the next step in productivity is taken.

### The bestsellers

- High productivity thanks to the use of Atlas Copco supreme rockdrills, covering a wide hole range.
- Perfect collaring and stable drilling thanks to the strong and stiff boom design.
- Durable cylinder-operated aluminium feed system for optimal penetration rate and drill steel life.
- Ideal for use in slope stabilization thanks to its long boom reach.



The use of the rock drill with its unique double dampening system improves productivity and drilling economy.

Hydraulic cylinder feed system with a rigid aluminium feed beam with precise feed force for longer drill steel life.

The cabin is ROPS and FOPS approved and with a protective plate under the cabin. You can also add a reinforced front window to achieve the highest level of safety.

## Environmental productivity

The ROC D7 and D9 rigs are equipped with CAT stage3/ TierIII engines which meets all the new exhaust emission limits. The rigs will deliver exactly the power you need in each phase of the operation, which considerably reduces the fuel consumption. The rigs also come with a big fuel tank which secures 12 hours of continuous operation and secured start-up through the powerful generator and batteries.



## Great balance and stability

The track frames have an optimal position for taking you safely wherever you want to go. The rigs are equipped with a strong and stiff boom for precise collaring and stable drilling of quality holes.



## Siberia or Sahara?

High visibility, space, quietness, quality! That's what you get with our cabin layout. The high capacity air condition and heating system gives excellent comfort for the operator, whether you operate in Siberia or the Sahara.



## Save time with Long Feed

ROC D7 is available in a LF (Long Feed) version handling 6.1 m (20 ft) starter rod and one 4,3 m (14 ft) rod in the RAS (Rod Adding System). A perfect choice for saving time by eliminating the changing of rods when drilling holes are shorter than 6 m (20 ft).



# A selection of options on ROC<sup>®</sup>D7 and ROC<sup>®</sup>D9

For a more comprehensive list, please contact your local Atlas Copco Customer Center, or look in the technical specification for ROC D7 and ROC D9.



## Stabilize the hole walls

The **water mist system** is a perfect tool to stabilize the hole walls when drilling in bad rock formation. It consists of a 120 litres (32 US Gal) pressurized water tank connected directly to the flushing air.

## Straight inclined holes

The **hole inclination and hole depth instrument**, located inside the cabin, assures the drilling of straight, inclined holes and fast feed positioning. The instrument also increases safety and reduces the production cost.

## Extra support

The robust, hydraulically positioned **support leg** is used for stable set up when drilling. It can also be used to stabilize the rig when moving in rough terrain.

## Quick facts ROC<sup>®</sup>D7 and ROC<sup>®</sup>D9

Main application area:	DIMENSION STONE INDUSTRY LIMESTONE QUARRIES	► CONSTRUCTION SELECTIVE MINING	► AGGREGATE QUARRIES OPEN PIT MINING
Drilling method:	► TOPHAMMER	DOWN-THE-HOLE	COPROD
Rock drill:	ROC D7 COP 1840	ROC D9 COP 2160	
Drill steel:	ROC D7 T38, T45, T51	ROC D9 T45, T51	
Hole diameter:			178 mm (7")
Maximum hole depth:			
Engine power: rating at 2200 rpm (rpm varies for different type of rigs)			
Rock drill power output:			50 kW (68 HP)

