

Atlas Copco Surface Drill Rigs

FlexiROC D60 and D65



Hole Diameter 110-203 mm (4⁵/₁₆–8")

FlexiROC D60: 110–178 mm (4 ⁵/₁₆" – 7")

FlexiROC D65: 110–203 mm (4 ⁵/₁₆" – 8")

Sustainable Productivity

Atlas Copco

A Total Drilling Solution You Can Trust

With the perfect balance between productivity and efficiency, the Atlas Copco FlexiROC D60 and D65 have set a new benchmark for DTH drilling in mining and large quarry applications. These rugged, multi-functional rigs rise to meet the tough drilling demands and are ready to exceed your expectations.

The FlexiROC D60 and D65 represent the broadest and most versatile product offering, making it the total drilling solution, outperforming in various applications such as: production, pre-splitting, de-watering, and in-pit grade control with Reverse Circulation (RC) drilling.

Built for High Efficiency Mining

Whether your application is in quarries or open pit mines, the FlexiROC D60 and D65 will deliver straight, smooth holes with plenty of air to keep the hole clean for easy charging. The high efficiency of the DTH hammer relies on its precisely matched compressor capacity; the result of decades of experience and know-how in the toughest conditions. Atlas Copco is a world leader in both air compressors and mining equipment.

Designed by Evolution

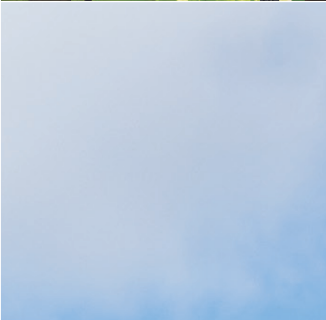
At Atlas Copco, we never stop learning. Thanks to our strong customer interaction, we are constantly evolving, growing, and learning new ways to get the job done better and more efficiently. Continuous customer feedback and our years of experience from all over the world have produced the FlexiROC D60 and FlexiROC D65, raising the bar with their improved design for the most demanding mining applications. Safety, serviceability, ergonomics, and environmental awareness are fundamentals for sustainable growth.

Flexible and Versatile for a Fast Return Of Investment

Delivering value in a number of applications is important for a fast return on investment. With the ability to handle both short feeds and long feeds, as well as a vast number of drilling angles, the FlexiROC D60 and FlexiROC D65 are ready for work in any almost any situation. These rigs are designed to insure your profitability.

Main Benefits

- Maximizes your productivity and efficiency due to optimum DTH performance
- Enlarges your utilization thanks to greater flexibility and multi-task capability
- Proven and rugged design ensures you to get the job done





The feeding system ensures smooth and uniform feeding

Superior visibility during collaring and tube handling

The safety cabin is ROPS and FOPS approved mounted on a protective plate.

Designed to meet the latest emissions regulations with Tier 3/Tier 4 engines.

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Quick Facts

Main Application:

Limestone quarries
Aggregate quarries
Surface mining

Drilling Method:

Down-The-Hole

DTH Hammer:

TD35.2
COP 44 GOLD
COP 54 GOLD
COP 64 GOLD

Drill Steel:

114/127/140 mm

Hole Diameter:

FlexiROC D60 110-178 mm (4 5/16" – 7")
FlexiROC D65 110-203 mm (4 5/16" – 8")

Maximum Hole Depth:

SF - 45 m (148'), LF - 55 m (166')

Engine Power:

FlexiROC D60: Rating at 1800 rpm
328 kW (440 HP)
FlexiROC D65: Rating at 1800 rpm
402 kW (539 HP)

Available Air flow (FAD):

FlexiROC D60: 405 l/s (858 cfm) @ 25 bar
FlexiROC D65: 470 l/s (995 cfm) @ 30 bar

Selection of Options

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 water tank connected directly to the flushing air.

Parallel Holes

The GPS Compass aiming device uses the GPS satellite system and enables you to lock the blast direction for every hole in the blast. GPS compass adds a new dimension to the extensive automation already available on FlexiROC D60 & D65.

Noise and Vibrations levels – FlexiROC D60 and D65	
A-weighted sound power level in decibel (ref. 1 pw). Single value declaration	127
A-weighted sound pressure level at work station in decibel (ref. 20 mPa). Double value declaration	80 +/- 3
A-weighted sound pressure level at 1 m distance in decibel (ref. 20 mPa). Double value declaration	NA
Weighted whole body vibration level (m/s ²) (Double value declaration)	0.3 +/- 0.2

FlexiROC is a member of the
Atlas Copco ROC family
www.atlascopco.com