

Atlas Copco Surface drill rigs

# FlexiROC T35 and T40



## Hole diameter

FlexiROC T35, 64–115 mm (2 1/2" – 4 1/2")

FlexiROC T40, 76–115 mm (3" – 4 1/2")

*Sustainable Productivity*

*Atlas Copco*

# Flexible rigs for all occasions

**For efficiency and flexible production; Atlas Copco's FlexiROC T35 and FlexiROC T40 surface drill rigs are hard to beat in the quarry or on the construction site.**

## **Rock solid rigs**

FlexiROC T35 and FlexiROC T40 are flexible and versatile tophammer drill rigs, developed and designed for high performance in demanding construction applications. They are also a very efficient alternative for small and medium size quarrying jobs. Even in tough terrain conditions, utilization of the rig is high, thanks to the long reach of the boom, the low center of gravity and hydraulic support leg that can be used during tramming. It is equipped with a high-efficiency Atlas Copco rock drill with high output and productivity.

## **Cost efficient penetration**

A floating double damping system on the rock drill means positive rock bit contact for great penetration and low consumable usage. You'll drill fast and deep with good overall economy. You'll get perfect collaring and stable drilling thanks to the powerful and rigid boom design.

## **Operator comfort improves productivity**

The ROPS and FOPS approved cabins provide both comfort and safety. Reliable and fast rod handling makes work go fast and smooth and a rigid drill steel support decreases hole deviation for more accurate and higher quality holes. Maintenance is convenient as well, thanks to an efficient design. When there's work to be done, your FlexiROC T35 and FlexiROC T40 will deliver.

Tough and dependable, these rigs are built Atlas Copco solid. Thanks to a high degree of commonality with other Atlas Copco surface drill rigs and a world-wide service network, spare parts and consumables are there when you need them to insure continuous uptime and great performance.

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## Main benefits

- Optimal use of rock drill and increased tool life thanks to a cylinder-operated feed system
- Long boom reach is ideal for demanding construction jobs
- Supreme productivity thanks to proven COP rock drill series



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



The cabin is ROPS and FOPS approved and has a protective plate under the cabin. A reinforced front window is also available for the highest level of safety.

Hydraulic cylinder feed system with rigid aluminum feed beam for precise feed force and long drill steel life.

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

**Atlas Copco**

## Quick facts

### Main application

Limestone quarries  
Aggregate quarries  
Construction

### Drilling method

Tophammer

### Tophammer

FlexiROC T35: COP 1840  
FlexiROC T40: COP 2560

### Drill steel

FlexiROC T35: T38, T45, T51  
FlexiROC T40: T45, T51

### Hole diameter

FlexiROC T35: 64-115 mm (2 1/2" – 4 1/2")  
FlexiROC T40: 76-115 mm (3" – 4 1/2")

### Maximum hole depth

28 m (92')

### Engine power

Tier III Rating at 2200 rpm  
168 kW (225 HP)  
Tier IV Rating at 2200 rpm  
168 kW (225 HP)

### Available air flow (FAD)

FlexiROC T35: 127 l/s (270 cfm)  
FlexiROC T40: 149 l/s (316 cfm)

## Selection of options

### Stabilize the hole walls

The water mist system is a perfect option for stabilizing the hole wall when drilling in poor rock formation. It consists of a 120 liter (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 drilling straight, inclined holes and fast feed positioning. The instrument also increases safety and reduces production costs.

### 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.

Noise and vibrations levels - FlexiROC T35 and T40	
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	78 +/- 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 <sup>2</sup> ) (Double value declaration)	0.2 +/- 0.1

FlexiROC is a member of the Atlas Copco ROC family

[www.atlascopco.com](http://www.atlascopco.com)