

Atlas Copco Surface drill rigs

FlexiROC T35 R and T40 R



Hole diameter

FlexiROC T35 R, 64 – 115 mm (2½" – 4½")

FlexiROC T40 R, 76 – 115 mm (3" – 4½")

Sustainable Productivity

Atlas Copco

Safely tackle the toughest terrain

FlexiROC T35 R and FlexiROC T40 R are versatile tophammer drill rigs with full radio remote control of drilling, tramming and winch functions. They are the result of combining well-designed components and systems to offer you drill rigs that will enhance your safety, reduce your workload, and increase your rewards.

FlexiROC T35 R and FlexiROC T40 R are developed and designed for high performance in demanding construction applications. They are also very efficient alternatives for small and medium size quarrying jobs. Even in difficult terrain conditions, utilization of the rigs are high, thanks to the long reach of the boom, the low centre of gravity and hydraulic support leg that can be used during tramming.

Environmental productivity

These rigs are equipped with CAT engines that meet all the new exhaust emission requirements in both Tier III and IV/Stage 3. They deliver the exact power you need in each phase of your operation with considerable reductions in fuel consumption. A powerful generator and heavy-duty batteries secure startup and the extra large fuel tank delivers up to 12 hours of continuous operation.

The perfect rig for slope stabilization

Radio remote controlled rigs are not only the perfect choice for drilling in challenging terrains, contractors love them. These drill rigs are perfect for stabilization jobs using self-drilling anchors thanks to a simple conversion kit. The folding boom can be positioned to a height of 7 m next to a slope, or very low for horizontal toe-hoe drilling. Even in the most inaccessible places, stabilization can be carried out at extreme angles.

The FlexiROC T35 R and T40 R are perfect for places where space is restricted and access is difficult, such as on slopes above road and railway traffic. Where foundations are unstable and slopes are prone to landslides, these radio remote controlled drill rigs can be used for completing the job safely and efficiently.

Main benefits

- Unique, durable cylinder-operated feed system optimizes rock drilling and increases rock tool life
- Long boom reach is ideal for demanding construction jobs
- Ultimate productivity thanks to proven COP-series rock drills





Long reach and stable drilling thanks to a powerful and rigid boom design.

Easy to access components via separate inspection ports.

Boom anchor point in center of frame assures perfect balance and low center of gravity.

The Radio Remote Control, provides flexibility and safety for the operator.

Rear mounted powerpack for balance and safety.

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Quick facts

Main application:

Construction
Aggregate quarries

Drilling method:

Tophammer

Tophammer:

FlexiROC T35 R: COP 1840
FlexiROC T40 R: COP 2560

Drill steel:

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

Hole diameter:

FlexiROC T35 R:
64 – 115 mm (2½" – 4½")
FlexiROC T40 R:
76 – 115 mm (3" – 4½")

Maximum hole depth:

FlexiROC T35 R (T38/45): 28 m (92")
FlexiROC T35 R (T51): 21 m (69")
FlexiROC T40 R (T45/51): 28 m (92")

Engine power:

Tier III Rating at 1800 rpm
168 kW (225 HP)
Tier IV Rating at 1800 rpm
168 kW (225 HP)

Available air flow (FAD):

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

Selection of options

Be safe

The hydraulic winch is a great choice when working in extreme conditions, and where necessary to anchor the rig. It also ensures safe tramming.

Horizontal drilling made easy

The toe-hoe drilling kit has a versatile boom head for easy service access to the rock drill and excellent reach for horizontal drilling.

Reduce the noise

The silence kit reduces the noise by more than 50% from the feeder.

Noise and Vibrations levels – FlexiROC T35 R and T40 R

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	NA
A-weighted sound pressure level at 1 m distance in decibel (ref. 20 mPa). Double value declaration	105 +/- 6
Weighted whole body vibration level (m/s ²) (Double value declaration)	NA