

Atlas Copco Surface drill rigs
FlexiROC T20 R



Hole diameter 38–64 mm (1½"– 2½")

Sustainable Productivity

Atlas Copco

Minimum footprint – maximum productivity

Don't let its size fool you. The FlexiROC T20 R tophammer drill rig from Atlas Copco may be small, but it gets things done in a big way. Unique in its class, with large coverage area, nothing else comes close to the performance of Atlas Copco's FlexiROC T20 R.

Thanks to its hydraulic rock drill with double dampening and high efficiency, the FlexiROC T20R offers high productivity with low drill steel consumption. This is the ideal rig for relatively small construction jobs, rock reinforcement applications and boulder blasting jobs. For increased flexibility, it's available in a short feed version for drilling in narrow and confined spaces, and with full radio remote control or direct control.

The latest in bench drilling

The new Secoroc TC35 bench drilling system represents the latest in small hole surface drilling. With a diameter of 39 mm, the TC35 drill steel offers straighter holes and superior drill steel economy.

A new kind of hydraulic rock drill

To ensure higher penetration rates, more economical fuel consumption per drill meter, and a lower cost of consumables; the FlexiROC T20 R relies on COP 1140. This new generation of hydraulic rock drill incorporates a double damping system and works with even greater efficiency than its predecessors.

Optimize your performance

To guarantee optimal performance from your equipment we offer ROC Care, ROC Care E, and COP Care service agreements that provide regularly scheduled service, optimized rig performance, inspector protocols, extended warranties (ROC Care and COP Care), discounts (ROC Care E), and satellite monitoring.

Superior performance and control

An available control panel for the rig controls all drilling, tramming, boom and winch functions such, and also includes a cable extension that can be used as a backup for radio remote control.

Main benefits

- High versatility and flexibility thanks to big coverage area of the boom and the hydraulic roll over boom option.
- Large installed free air delivery and possibility to equip TC35 drill steel increases the performance and the hole quality in demanding rock conditions.
- Excellent tramming stability.



Standard hydraulic drill steel supports quick, easy handling of rods in extension drilling.

The COP 1140 new generation rock drill provides maximum efficiency.

Folding boom with hydraulic roll-over for wide coverage area.



Quick facts

Main application:

Construction

Drilling method:

Top Hammer

Rock drill:

COP 1140

Drill steel:

R32, SR32, TC35

Hole diameter:

38 mm–64 mm (1 ½" – 2 ½")

Maximum hole depth

with Manual Rod Handling: 12 m (39')

Engine power

Rating at 2400 rpm:

82kW (110HP)

Rock drill output power:

11 kW (14.8 hp)

Available air flow (FAD):

50 l/s (106 cfm)

Selection of options

Hydraulic rollover boom head

The hydraulic rollover boom provides the wide coverage necessary in bolting and niche construction applications.

Radio remote control

An ergonomic radio box gives you full control of tramming, drilling, boom, and winch functions.

Hydraulic winch

The hydraulic winch aids tramming in extreme terrain to make work safer.

Noise and vibrations levels - FlexiROC T20 R	
A-weighted sound power level in decibel (ref. 1 pw). Single value declaration	128
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