

Atlas Copco Surface drill rigs

FlexiROC T15 R



Hole diameter 23 – 45 mm ($29/32''$ – $1\frac{3}{4}''$)

Sustainable Productivity

Atlas Copco

Performance and size do matter

When small holes mean big business, the FlexiROC T15 R is your best friend. This easy to transport hydraulic surface drill rig delivers high performance on demanding sites with its great boom coverage, flexible drilling capacity, and excellent tramming stability.

The FlexiROC T15 R is a compact, self-propelled, four - wheel drive drill rig that weighs in at only 2800 kg. It has a 360 degrees mechanical roll-over feed beam and the entire re-pinning operation takes only 180 seconds. With a long, horizontal reach that can put 23 - 45 mm (29/32" - 1 3/4") holes where you want them, this versatile machine is the perfect choice for demanding small construction jobs, dimensional stone industry, and unique applications such as self-drilling anchors, and boulder blasting.

The FlexiROC T15 R offers great flexibility, high operator safety and productivity thanks to its full remote control for tramming, drilling, and boom functions. When the job is done, fold the boom and move on.

Quick and safe drilling in the roughest terrains

The innovative design of the FlexiROC T15 R makes it a stable partner for fast, steady movement even in rough terrain. This drill rig can be equipped with a hydraulic, variable-force winch for extreme working conditions that call for secure anchoring when tramming. For even safer movement, its specially designed front support legs can also assist in downhill tramming.

Rugged and economical

The FlexiROC T15 R has the same Atlas Copco quality folding boom and durable aluminum feed as its larger cousins in the FlexiROC series. Meeting the tier 3 exhaust emission standards, Rate Per Minute (RPM) can be adjusted via remote control to minimize fuel consumption. It is also equipped with a highly efficient built-in dust collector to reduce hose damage.

Smooth drilling

FlexiROC T15 R is equipped with a drill control system that automatically adjusts impact and feed speed in proportion to rotation torque. This means high productivity and smooth drilling even in soft, cracked formations. The rock drill control system increases drill steel life by decreasing stress on drill steels through proportional control of vital drill parameters.

Main benefits

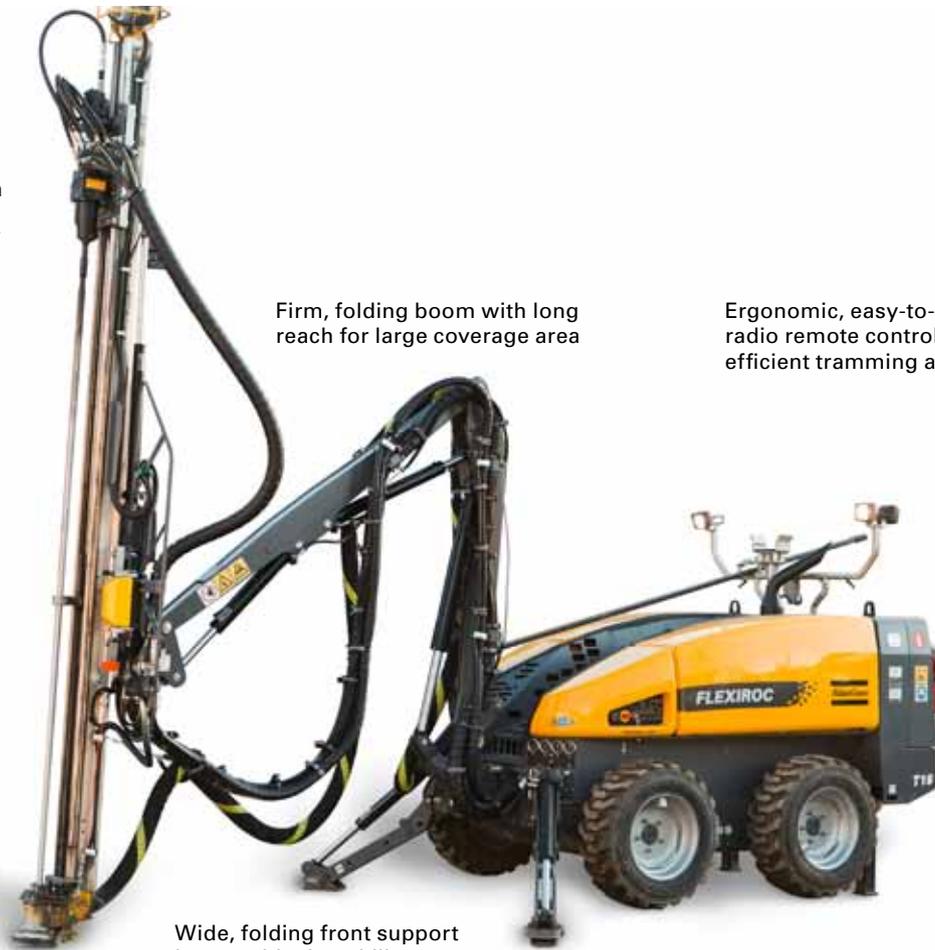
- Large boom coverage makes the rig suitable for a variety of construction applications.
- Advanced rock drill design, great free air delivery capacity, and the ability to run SR32 drill steel enable optimum performance for holes with a diameter up to 45 mm (1 3/4").
- Excellent tramming stability for go-anywhere accessibility.



High performance for a wide range of holes thanks to a selection of rock drills.

Firm, folding boom with long reach for large coverage area

Ergonomic, easy-to-operate radio remote control for safe, efficient tramming and drilling



Wide, folding front support legs enable downhill tramming and stable drilling

Quick facts

Main application

Dimension stone industry
Construction

Drilling method

Tophammer

Rock drill

COP 1019HF
COP 1022HF
COP 1028

Drill steel

COP 1019 HF: HEX 19 integral
COP 1022 HF: HEX22 integral,
HEX22-R25 shank
COP 1028: SR28, SR32, R32 shank

Hole diameter

23 – 45 mm ($29/32''$ – $1\ 3/4''$)

Maximum hole depth

9 m (29 $1/2'$)

Engine power

Rating at 2 200 rpm
45 kW (62 HP)

Rock drill output power

COP 1019HF: 4.5 kW (6 HP)
COP 1022HF: 5 kW (6.7 HP)
COP 1028: 5.5 kW (7.4 HP)

Available air flow (FAD)

23 l/s (49 cfm)

Selection of options

Quick rod handling

When combined with the COP 1028 rock drill, the FlexiROC T15R can be equipped with a hydraulic drill steel support. This option helps you retract and uncouple rods via remote control.

Safer drilling

A hydraulic winch enables work in extreme conditions where secure anchoring can insure safer tramming.

Parallel hole drilling

ROC Angie is a reliable, mechanical, hole inclination instrument that helps you to achieve parallel holes and better blasting results.

Noise and Vibrations levels – FlexiROC T15 R	
A-weighted sound power level in decibel (ref. 1 pw). Single value declaration	126
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



See the FlexiROC T15 R movie on youtube.