

**Atlas Copco** Surface drill rigs

# **PowerROC T25, T30 and T35**



**Hole diameter:**

PowerROC T25, 51–89mm (2"– 3½")

PowerROC T30, 64–89mm (2½"– 3½")

PowerROC T35, 64–115mm (2½"– 4½")

*Sustainable Productivity*

**Atlas Copco**

# Power and performance even in challenging rock conditions

**Atlas Copco's PowerROC rigs deliver the power and performance you need in construction and quarrying, and the PowerROC T25, T30 and T35 truly live up to their names with enough muscles for even tough conditions.**

## **Save money with a powerful performer**

With high availability and low fuel consumption, optimal use of impact force and overall ease-of-use, Atlas Copco's PowerROC rigs deliver a low Total Cost of Ownership (TCO). That means a fast return on investment and a healthy bottom line for your company. Not only that, because the machines are easy to use, training goes quick, so you're up and running as expected.

## **High quality blast holes**

The better the hole, the better the blast. Our CopLogic system adjusts to achieve the best drilling performance in real time with robust hydraulics and low number of moving parts. Whatever the rock condition is, you can be sure the PowerROC rigs will get you the high penetration rate, which means reducing consumables cost. Atlas Copco's COPLogic – in combination with the COP rock drills, with damper system – provides extremely good contact of the bit to the rock, for an optimal transfer of impact power.

## **Ready to work when you are**

Atlas Copco rigs are known for their high quality and ruggedness. However, even our machines need service from time to time. Thanks to a high degree of commonality in parts and services with other Atlas Copco products, as well as good accessibility, you will get fast service and high uptime.

## **A streamlined and powerful workhorse**

PowerROC rigs are straightforward designed. They come ready to work when you need. Good ergonomics, high visibility and ease-of-use mean high operator efficiency. The PowerROC T25, T30 and T35 are sturdy workhorses, streamlined for efficiency and productivity day in and day out.

## Main benefits

- Easy to operate and maintain due to straightforward design and ergonomic cab
- Straight holes and long drill steel life by using COPLogic system
- High penetration rate due to COP rock drills



COP 1240, 1640 or 1840 rock drill, with the hydraulic based **COP Logic control system**, performs well in any conditions

**Hydraulic cylinder feed system** employs rigid aluminium feed beam with precise feed force, for longer drill steel life

Cabin is **ROPS-** and **FOPS-**approved, and is equipped with hydraulic pilot control joysticks



## Quick facts

### Main application:

Construction  
Aggregate quarries  
Limestone quarries

### Drilling method:

Tophammer

### Rock drill:

PowerROC T25: COP 1240  
PowerROC T30: COP 1640  
PowerROC T35: COP 1840

### Drill steel:

PowerROC T25: R32, T38, T45  
PowerROC T30: T38, T45  
PowerROC T35: T38, T45, T51

### Hole diameter:

PowerROC T25: 51–89mm (2"– 3½")  
PowerROC T30: 64–89mm (2½"– 3½")  
PowerROC T35: 64–115mm (2½"– 4½")

### Maximum hole depth

PowerROC T25:  
21 m (69') Single boom  
PowerROC T30:  
21 m (69') Single boom  
25 m (82') Extendable boom  
PowerROC T35:  
25 m (82') Single/Extendable boom

### Engine power:

Rating at 2300 rpm  
PowerROC T35 (Tier III):  
Cummins QSB 6.7 – 142 kW (190 HP)  
PowerROC T30 and T25:  
Cummins QSB 4.5 – 119 kW (160 HP)  
Rating at 2500 rpm  
PowerROC T35 (Tier IV):  
Cummins QSB 6.7 – 145 kW (195 HP)

### Rock drill output power:

COP 1240: 12 kW (16.1 HP)  
COP 1640: 16 kW (21.5 HP)  
COP 1840: 18 kW (24.5 HP)

### Available air flow (FAD)

PowerROC T25: 83 l/s (176 cfm)  
PowerROC T30: 95 l/s (201 cfm)  
PowerROC T35: 127 l/s (269 cfm)

## Selection of options

### Water mist system

Stabilize hole walls with the Water Mist System - the perfect tool when drilling in poor rock formation. 150 litre (40 US Gal) pressurized water tank is connected directly to the flushing air.

### Drill angle indicator

Enables the operator to comfortably control drilling in any feed position, from vertical to horizontal. The best possible visibility enhances operational safety.

Noise and vibrations levels – PowerROC T25/T30/T35	
A-weighted sound power level in decibel (ref. 1 pw). Single value declaration	121/ 121/ 124
A-weighted sound pressure level at work station in decibel (ref. 20 mPa). Double value declaration	91.4/ 90.5/ 88.9
Accuracy, KpA, in decibel	NA
A-weighted sound pressure level at 1 m distance in decibel (ref. 20 mPa). Double value declaration	NA
Accuracy, KpA, in decibel	NA
Weighted whole body vibration level (m/s <sup>2</sup> ) (Double value declaration)	0.119/ 0.123/ 0.152
Inaccuracy (m/s <sup>2</sup> )	NA