

ROC L8(25) / ROC L8(30)

The total drilling solution for large-scale mining and quarry production



This new version of the proven ROC L series of down-the-hole crawler drills offers extended performance through increased operating pressure and a new genius cylinder feed system. Like the well proven ROC L8 it's well suited for large-scale production work, pre-split operations, RC-in pit grade control in surface mining operations and large scale quarry operations.

Main benefits

- Productivity and flexibility beyond conventional mining and quarry drill rigs
- Improves ore to waste ratio through double benching and pre-splitting
- In pit grade control with reverse circulation sampling

Technical specification

Recommended hole range ROC L8²⁵

COP 44, COP 54GE, COP 64 Gold	110-178 mm	4 ⁵ / ₁₆ "-7"
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Recommended hole range ROC L8³⁰

COP 44, COP 54GE, COP 64 Gold	110-203 mm	4 ⁵ / ₁₆ "-8"
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Hole depth	25-54 m	82-178'
Atlas Copco XRX 10, two stage screw type compressor		
ROC L8 ²⁵		
Working pressure, max.	25 bar	363 psi
FAD	405 l/s	858 cfm
ROC L8 ³⁰		
Working pressure, max.	30 bar	435 psi
FAD	470 l/s	995 cfm
Engine		
ROC L8 ²⁵		
Caterpillar turbo charged, diesel engine, CAT C13, Tier III/Stage 3		
Rating at 1,800 rpm	328 kW	440 hp
ROC L8 ³⁰		
Caterpillar turbo charged, diesel engine, CAT C15, Tier III/Stage 3		
Rating at 1,800 rpm	402 kW	539 hp
Fuel tank		
Capacity	760 /1050 l	201 US gal. /277 US gal
Feed		
Long feed (LF)		
Feed length, total	11,560 mm	38'
Travel length	7,540 mm	25'
Feed extension	1,150 mm	3'9"
Short feed (SF)		
Feed length, total	9,266 mm	30'4"
Travel length	5,400 mm	17'7"
Feed extension	1,900 mm	6'3"
Feed rate max.	0.9 m/s	177 ft/min
Feed force, max.	40 kN	8,992 lbf
Tramming		
Tramming speed, max.	3.5 km/h	2.2 mph
Traction force	166 kN	37,310 lbf
Track oscillation	+10°	
Ground clearance	405 mm	16"
Transport dimensions		
Weight, excl. options (LF)	22,600 kg	49,800 lb
Weight, excl. options (SF)	22,200 kg	49,950 lb
Width	2,500 mm	8' 2 1/2"
Length (LF)	11,700 mm	38'5"
Length (SF)	10,700 mm	35'1"
Height (LF)	3,500 mm	11'6"
Height (SF)	3,350 mm	11'

ROC L8(25) / ROC L8(30)	
A-weighted sound power level in decibel (ref. 1pW) Single value declaration	127
A-weighted sound pressure level at work station in decibel (ref. 20 mPa) Double value declaration	80
Accuracy, KpA, in decibel	3
A-weighted sound pressure level at 1m distance in decibel (ref. 20 mPa) Double value declaration	NA
Accuracy, KpA, in decibel	NA
Weighted whole body vibration level (m/s^2) (Double value declaration)	0.3
Inaccuracy (m/s^2)	0.2

Noise and vibration levels

Coverage area



