

Atlas Copco ROC L830 Surface Drill

[Inventory ID #206152]



Manufacturer: ATLAS COPCO

- ROC L8 series is intended for open pit mining including selective mining, in pit grade control with reverse flushing, rock de-pressurisation and quarrying. The **main components** are:
 - Operators cabin, ROPS and FOPS approved with rubber vibration dampers.
 - Hydraulic cylinder operated feed system mounted inside an aluminium profile feed beam.
 - Toe hole drilling capability, option.
 - Hydraulic operated rotary head.
 - Break out table.
 - Built for use with 4", 5" and 6" down-the-hole hammer.
 - Reverse circulation capability, option.
 - Caterpillar turbo charged diesel engine.
 - Atlas Copco high pressure screw compressor.
 - Single boom system.
 - Heavy duty track frame with triple grouser pads and cleaning holes, hydraulic track oscillation and two speed traction.
- **Hole Range:**
 - Recommended hole range:
 - COP 44, COP 54GE, COP 64 Gold: 110-203 mm / 4 5/16 in.- 8 in.
 - Hydraulic tube handling system for max hole depth, with 5 m (16,4') tubes:
 - Ø 89-114 mm (3 1/2 in.- 4 1/2 in.) drill tubes 45 m / 148 ft.
 - Ø 127-140 mm (5 in. - 5 1/2 in.) drill tubes 25 m / 82 ft.
 - Hydraulic tube handling system for max hole depth, with 6 m (20 ft.) tubes and a 7.5 m starter tube:
 - Ø 89-114 mm (3 1/2 in. - 4 1/2 in.) drill tubes 55.5 m / 182 ft.
 - Ø 127-140 mm (5 in. - 5 1/2 in.) drill tubes 31.5 m / 103 ft.
 - Single pass drilling, max hole depth:
 - 5,4 m / 18 ft.
 - 7,5 m / 25 ft.

- **Engine:**
 - Caterpillar turbo charged.
 - Diesel Engine CAT C15.
 - Tier III/stage 3.
 - Power rating at 1800 rpm: 402 kW/539 HP.
- **Carrier:**
 - Max. Trimming Speed: 3.5 km/hr / 2.2 mph.
 - Max. Traction Force: 166 kN / 37310 lbf.
 - Track Oscillation: $\pm 10^\circ$.
 - Ground Clearance: 405 mm / 16 in.
- **Compressor:**
 - Atlas Copco XRX 10, two stage screw type compressor:
 - Max. Working Pressure: 30 bar / 435 psi.
 - FAD, at normal working pressure: 470 l/s / 995 cfm.

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