

PEAKROC PRMD SERIES

21 m3/min 14 bar Portable Diesel Air Compressor for Drilling Mining

High-pressure high-flow package for drilling, mining, and heavy-duty jobs

Reference: mobileaircompressors.com | Model: PRMD-2114

Working Pressure

14 bar

Flow Capacity

21.0 m3/min

Engine Power

194 kW

Core Highlights

- Stable output: 21 m3/min at 14 bar for high-pressure drilling demand.
- Suitable for 6-8 inch DTH hammer jobs and 200 m+ well drilling projects.
- Powertrain: Cummins QSC8.3-C260-30 (260 hp) for reliable continuous operation.
- Optional heavy-duty filtration and altitude tuning for harsh operating sites.

Typical Applications

- Water-well and geothermal drilling, mining blast-hole operations, site air supply
- Tunneling, rock excavation, and high-pressure pneumatic tool applications
- Heavy construction jobs with sustained high air demand and multi-tool duty



Product image (source: official product page)

Customer Value and Selection Tips

- 1) 14 bar pressure rating improves tool-end pressure under long hose conditions.
- 2) 21 m3/min airflow supports faster cuttings evacuation in continuous drilling duty.
- 3) Sizing rule: calculate total air demand and keep 15-20% reserve for continuous work.

Specification Snapshot (Selected)

FAD: 21.00 m3/min (750 cfm)

Working/Design pressure: 14 bar (203 psi)

Dimensions: 4230 x 1850 x 2280 mm

Engine: Cummins QSC8.3-C260-30 (194 kW)

Fuel tank: 380 L | Weight: 4000 kg

Coolant: 45 L | Air vessel: 130 L

Applications: mining, drilling, tunneling, water-well drilling, heavy-duty site jobs

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