

PEAKROC PRMD SERIES

13 m3/min 20 bar Portable Diesel Air Compressor for Deep Borehole Drilling

High-pressure package for deep drilling, geothermal work, and pipeline testing

Reference: mobileaircompressors.com | Model: PRMD-1320

Working Pressure

20 bar

Flow Capacity

13.0 m3/min

Engine Power

154 kW

Core Highlights

- Stable output: 13 m3/min at 20 bar for high-pressure deep drilling duty.
- Suitable for 4-6 inch DTH hammer jobs and borehole/geothermal operations.
- Powertrain: Cummins QSB5.9-C210-30 (210 hp) for dependable field performance.
- Efficient screw air end is optimized for sustained 20 bar operation.

Typical Applications

- Deep borehole and geothermal drilling, mining support, and on-site air supply
- Pipeline pressure testing, commissioning, and high-pressure purging operations
- Heavy-duty drilling in remote sites requiring stable high-pressure output



Product image (source: official product page)

Customer Value and Selection Tips

- 1) 20 bar pressure class supports stricter deep-drilling and test-pressure targets.
- 2) 13 m3/min flow provides a stable balance between pressure and field productivity.
- 3) Sizing rule: calculate total air demand and keep 15-20% reserve for continuous work.

Specification Snapshot (Selected)

FAD: 13.00 m3/min (460 cfm)

Working/Design pressure: 20 bar (290 psi)

Dimensions: 3500 x 2050 x 2700 mm

Engine: Cummins QSB5.9-C210-30 (154 kW)

Fuel tank: 250 L | Weight: 2300 kg

Coolant: 45 L | Air vessel: 112 L

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

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