

PEAKROC PRMD SERIES

16 m3/min 10 bar Portable Diesel Air Compressor for Mining Borehole Drilling

Mobile mid-pressure high-flow package for drilling and mining operations

Reference: mobileaircompressors.com | Model: PRMD-1610

Working Pressure

10 bar

Flow Capacity

16.0 m3/min

Engine Power

142 kW

Core Highlights

- Stable output: 16 m3/min at 10 bar for mid-pressure drilling duty.
- Suitable for DTH drilling rigs, anchor drilling, and borehole site operations.
- Powertrain: Cummins QSB5.9-C190-31 (190 hp) for dependable field operation.
- Stable low-oil delivery supports multiple pneumatic tools in continuous shifts.

Typical Applications

- Mining and borehole drilling air supply, anchor work, and on-site pneumatic support
- Civil and tunnel projects with breakers, drills, and other pneumatic tool sets
- Remote heavy-duty sites requiring long shifts and parallel air demand



Product image (source: official product page)

Customer Value and Selection Tips

- 1) 16 m3/min airflow provides strong reserve for medium-to-high demand drilling jobs.
- 2) 10 bar pressure class balances drilling performance and site versatility.
- 3) Sizing rule: calculate total air demand and keep 15-20% reserve for continuous work.

Specification Snapshot (Selected)

FAD: 16.00 m3/min (565 cfm)

Working/Design pressure: 10 bar (145 psi)

Dimensions: 3500 x 2050 x 2300 mm

Engine: Cummins QSB5.9-C190-31 (142 kW)

Fuel tank: 240 L | Weight: 2400 kg

Coolant: 45 L | Air vessel: 112 L

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

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