

PEAKROC PRMD SERIES

8.5 m3/min 10 bar Portable Diesel Air Compressor for Water Well Drilling and Mining

Mobile mid-pressure package for water well drilling, mining, and field duty

Reference: mobileaircompressors.com | Model: PRMD-0810

Working Pressure

10 bar

Flow Capacity

8.5 m3/min

Engine Power

74 kW

Core Highlights

- Stable output: 8.5 m3/min at 10 bar for continuous field operation.
- Supports common 3-4 inch DTH hammer work, often used for wells up to 200 m.
- Powertrain: Cummins 4BTA3.9-C100-II (100 hp) for reliable remote-site duty.
- Towable two-wheel design improves mobility across changing job locations.

Typical Applications

- Water well drilling, geothermal borehole work, and small mining operations
- Pipeline pressure testing, sandblasting, and general pneumatic tool support
- Remote dusty job sites requiring stable and mobile compressed-air supply



Product image (source: official product page)

Customer Value and Selection Tips

- 1) 8.5 m3/min airflow covers core demand for small drilling and mining projects.
- 2) 10 bar pressure class balances drilling efficiency and fuel economy.
- 3) Sizing rule: calculate total air demand and keep 15-20% reserve for continuous work.

Specification Snapshot (Selected)

FAD: 8.5 m3/min (300 cfm)
Working/Design pressure: 10 bar (145 psi)
Dimensions: 3360 x 2010 x 2050 mm

Engine: Cummins 4BTA3.9-C100-II (74 kW)
Fuel tank: 126 L | Weight: 2000 kg
Coolant: 30 L | Air vessel: 100 L