

# PEAKROC PRMD SERIES

## 21 m3/min 10 bar Portable Diesel Air Compressor for Mining Drilling

Reliable mobile compressed air solution for mining, tunneling, and well drilling

Reference: [mobileaircompressors.com](http://mobileaircompressors.com) | Model: PRMD-2110

Working Pressure

**10 bar**

Flow Capacity

**21.0 m3/min**

Engine Power

**194 kW**

### Core Highlights

- Stable output: 21 m3/min at 10 bar for medium to large DTH drilling demand.
- Commonly matched with 200-350 m pneumatic water-well drilling rigs.
- Powertrain: Cummins QSC8.3-C260-30 (260 hp) for reliable continuous operation.
- Two-stage filtration and enhanced cooling for dusty and high-temperature sites.

### Typical Applications

- Mining drilling, tunneling, water-well projects, and on-site pneumatic tool supply
- Blast-hole drilling and continuous quarry/mining support operations
- Remote sites requiring stable air delivery under varying climate conditions



### Customer Value and Selection Tips

- 1) 10 bar plus 21 m3/min balances pressure and volume for standard mining drilling duty.
- 2) Can replace multiple smaller units in some parallel-use scenarios to simplify operations.
- 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: 10 bar (145 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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