

# PEAKROC PRMD SERIES

## 39 m3/min 25 bar Portable Diesel Air Compressor for Deep Drilling

Ultra-high-pressure mobile air solution for deep wells, mining, and geothermal projects

Reference: [mobileaircompressors.com](http://mobileaircompressors.com) | Model: PRMD-3925

Working Pressure

**25 bar**

Flow Capacity

**39.0 m3/min**

Engine Power

**522 kW**

### Core Highlights

- Ultra-high-pressure output: 39 m3/min at 25 bar for 10-14 inch DTH hammer applications.
- Better effective pressure at depth: page case data indicates stable deep-well drilling performance.
- Heavy-duty powertrain: Cummins KTA19-C700 (700 hp) with high-pressure screw air end.
- Remote-site ready: 1000 L fuel tank and trailer-mounted mobility for long field shifts.

### Typical Applications

- Deep water/geothermal well drilling, hard-rock mining blast holes, and pipeline pressure testing
- Oilfield high-pressure operations and demanding industrial utilities
- Continuous operation in harsh field environments



Product image (source: official product page)

### Customer Value and Selection Tips

- 1) Built for extreme depth: maintains stronger effective pressure under high borehole backpressure.
- 2) Use only when 20+ bar sustained pressure is required: fuel and operating cost are significantly higher.
- 3) Selection rule: confirm depth, hammer size, and penetration target before pressure-flow sizing.

### Specification Snapshot (Selected)

FAD: 39.00 m3/min (1375 cfm)

Working/Design pressure: 25 bar (363 psi)

Dimensions: 5100 x 2200 x 2870 mm

Engine: Cummins KTA19-C700 (522 kW)

Fuel tank: 1000 L | Weight: 7000 kg

Coolant: 100 L | Air vessel: 300 L

Applications: deep drilling, geothermal, mining, high-pressure testing

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