

PEAKROC PRMD SERIES

33 m3/min 35 bar Portable Diesel Air Compressor for Deep Drilling

Ultra-high-pressure mobile air solution for geothermal, mining, and high-pressure jobs

Reference: mobileaircompressors.com | Model: PRMD-3335

Working Pressure

35 bar

Flow Capacity

33.0 m3/min

Engine Power

522 kW

Core Highlights

- Ultra-high-pressure output: 33 m3/min at 35 bar for extreme DTH and high-pressure drilling.
- Depth-oriented design: official FAQ indicates typical drilling range around 500-1000 m.
- Heavy-duty package: Cummins KTA19-C700 with reinforced high-pressure screw air end.
- Field-ready mobility: trailer-mounted chassis and 1000 L fuel tank for remote projects.

Typical Applications

- Deep drilling, geothermal wells, hard-rock mining, and oilfield high-pressure operations
- Pipeline pressure testing, foam drilling, and foundation engineering
- Continuous operation under harsh and high-temperature environments



Product image (source: official product page)

Customer Value and Selection Tips

- 1) Versus 20 bar units: higher impact energy and stronger effective pressure at depth.
- 2) This is a high-spec model: best selected only when 30+ bar sustained pressure is required.
- 3) Selection rule: match depth, hammer size, rock hardness, and penetration target together.

Specification Snapshot (Selected)

FAD: 33.00 m3/min (1160 cfm)

Working/Design pressure: 35 bar (508 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, oilfield, high-pressure testing

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