

PEAKROC PRMD SERIES

27 m3/min 12 bar Portable Diesel Air Compressor for Mining Industrial

Mobile compressed air solution balancing high flow and stronger working pressure

Reference: mobileaircompressors.com | Model: PRMD-2712

Working Pressure

12 bar

Flow Capacity

27.0 m3/min

Engine Power

264 kW

Core Highlights

- Balanced output: 27 m3/min at 12 bar for heavy-duty field applications.
- Compared with 10 bar units, 12 bar provides stronger impact force for deeper/harder jobs.
- Powertrain: Cummins 6LTAA9.5-C360-III (360 hp) for reliable continuous operation.
- Trailer-mounted structure with acoustic enclosure for mining and remote-site deployment.

Typical Applications

- DTH drilling, medium-to-deep wells, geothermal and foundation engineering workflows
- Mining and quarry operations, industrial sandblasting, and pipeline pressure testing
- Continuous duty under dusty, high-temperature, and remote field conditions



Product image (source: official product page)

Customer Value and Selection Tips

- 1) Delivers both high airflow and 12 bar pressure for broader medium-high pressure use cases.
- 2) For mainly low-pressure duty, evaluate 10 bar models to reduce operating costs.
- 3) Sizing rule: match air demand, drilling depth, and formation resistance, then keep 15-20% margin.

Specification Snapshot (Selected)

FAD: 27.00 m3/min (950 cfm)

Working/Design pressure: 12 bar (174 psi)

Dimensions: 4695 x 2300 x 2750 mm

Engine: Cummins 6LTAA9.5-C360-III (264 kW)

Fuel tank: 640 L | Weight: 5500 kg

Coolant: 65 L | Air vessel: 212 L

Applications: mining, drilling, sandblasting, pipeline testing, foundation works

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