

PEAKROC PRMD SERIES

32 m3/min 10 bar Portable Diesel Air Compressor for Mining Projects

High-volume mobile compressed air solution for continuous heavy-duty operations

Reference: mobileaircompressors.com | Model: PRMD-3210

Working Pressure

10 bar

Flow Capacity

32.0 m3/min

Engine Power

264 kW

Core Highlights

- High-volume output: 32 m3/min at 10 bar for multi-tool and multi-rig duty.
- Designed for mining, quarry, and large-scale drilling projects with continuous demand.
- Powertrain: Cummins 6LTAA9.5-C360-II (360 hp) for stable and serviceable performance.
- Trailer-mounted structure for flexible relocation across complex job sites.

Typical Applications

- Mining and quarry drilling, bench blasting, pipeline purging, and large air-flushing workflows
- Tunnel and hydropower projects, industrial sandblasting, and parallel pneumatic tool use
- Standard DTH and medium-depth borehole operations requiring stable high airflow



Product image (source: official product page)

Customer Value and Selection Tips

- 1) Compared with 27 m3/min models, it supports higher parallel air-demand workloads.
- 2) 10 bar fits standard mining/quarry duty; for deeper or harder formations use 14-20 bar models.
- 3) Sizing rule: calculate peak total air demand first, then reserve 15-20% capacity margin.

Specification Snapshot (Selected)

FAD: 32.00 m3/min (1130 cfm)

Working/Design pressure: 10 bar (145 psi)

Dimensions: 4695 x 2300 x 2750 mm

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

Fuel tank: 640 L | Weight: 5500 kg

Coolant: 65 L | Air vessel: 212 L

Applications: mining, quarries, large drilling, tunneling, sandblasting

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