

PEAKROC PRMD SERIES

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

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

Reference: mobileaircompressors.com | Model: PRMD-3425

Working Pressure

25 bar

Flow Capacity

34.0 m3/min

Engine Power

410 kW

Core Highlights

- High-pressure output: 34 m3/min at 25 bar for demanding deep-drilling applications.
- Depth-oriented design: official FAQ indicates typical drilling range around 450-800 m.
- Reliable powertrain: Cummins QSZ13-C550-30 (550 hp) for heavy-duty field operation.
- Reinforced mobile structure: trailer-mounted chassis for rough-site deployment.

Typical Applications

- Deep and geothermal well drilling, hard-rock mining, and oilfield high-pressure operations
- Pipeline pressure testing, gas lift, wellhead cleaning, and nitrogen displacement support
- Foam drilling and foundation engineering (anchor/micropile/jet grouting) scenarios



Product image (source: official product page)

Customer Value and Selection Tips

- Versus 10-14 bar units, 25 bar delivers stronger impact energy in deep/high-resistance strata.
- Best for pressure-priority applications; evaluate lower-pressure models for airflow-priority work.
- Selection rule: match depth, hammer size, rock hardness, and penetration target together.

Specification Snapshot (Selected)

FAD: 34.00 m3/min (1200 cfm)

Working/Design pressure: 25 bar (363 psi)

Dimensions: 4275 x 2100 x 2205 mm

Engine: Cummins QSZ13-C550-30 (410 kW)

Fuel tank: 800 L | Weight: 6000 kg

Coolant: 75 L | Air vessel: 190 L

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

Contact: Website inquiry form | WhatsApp: +86 171 8042 4886

Address: No.45 Ximei Road, Xinwu District, Wuxi, Jiangsu, China