# PowerROC D55 · DTH Surface Drill Rig

Down-the-hole rig for mines and quarries — 90–152 mm holes to 30 m depth, 24 bar two-stage compressor and 265 kW Cummins power.



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| **Model** | PowerROC D55 (down-the-hole / DTH) |
| **Application** | Mines & quarries: production, de-watering, toe and horizontal drilling |
| **Hole diameter** | 90–152 mm (3.5″–6″) |
| **Rotary head** | DHR 6H 45 (136 rpm, 2,630 N·m), DHR 6H 56 (107 rpm, 3,375 N·m) or DRU 5 (China IV), API 2 3/8″ REG |
| **DTH hammer** | COP 35 (90–105 mm), COP 44 (110–127 mm), COP 54 (134–152 mm) — ordered separately |
| **Max hole depth** | 30 m with Ø102 mm rods; single pass 5 m |
| **Feed** | Chain feed with dual rod support, max feed rate 0.85 m/s, feed force 35 kN, tractive pull 40 kN, extension 1,900 mm |

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| **Rod handling** | Carousel type hydraulic rod adding system |
| **Compressor** | Atlas Copco two-stage screw type, max 24 bar, FAD 253–321 l/s |
| **Engine** | Cummins turbo diesel, QSL8.9-C360 (Tier 3) / L9 360C (China IV), 265 kW / 356 hp @ 2,000 rpm |
| **Dust collector** | DCT 200, 20 m² filter area, 850 l/s suction capacity |
| **Transport dimensions** | 3,700 mm high × 11,350 mm long (feed dumped) |
| **Operating weight** | 21,000 kg |
| **Fuel tank** | 760 l |

Specifications shown are typical values for this machine class. Request the full datasheet for certified figures before ordering.

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