KQZ Series Fully Pneumatic Down-the-hole Drilling Rig 1



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1. Introduction to KQZ Series Fully Pneumatic Down-the-hole Drilling Rig
The KQZ series fully pneumatic down-the-hole drilling rig is a highly efficient rock drilling equipment. It uses compressed air to drive the impactor to generate high-frequency impact force on the drill bit. At the same time, the pneumatic motor drives the drill bit to rotate at high speed to achieve efficient rock crushing. It is an efficient and reliable choice for hard rock deep hole operations. It is mainly used in open-pit mine blasting holes, large-scale stone projects, water conservancy and hydropower construction and other fields.
2. Features of KQZ Series Fully Pneumatic Down-the-hole Drilling Rig
2.1 High-efficiency drilling: The impact drilling method is adopted, and the impact energy directly acts on the drill bit at the bottom of the hole, with small energy transfer loss, which greatly improves the drilling efficiency.
2.2 Good drilling quality: the drilled hole is straighter, the hole wall is smoother, and the drilling accuracy is higher.
2.3 Strong adaptability: It can adapt to a wide range of strata from soft rock to extremely hard rock.
2.4 Simple operation: The drilling rig is easy to operate and novices can quickly get started, reducing manual dependence.
2.5 Durable: Made of high-strength materials, it has good wear resistance and impact resistance, reducing the cost of repairing and replacing equipment.
3. Parameter of KQZ Series Fully Pneumatic Down-the-hole Drilling Rig
Drilling rig model KQZ-70 KQZ-100 KQZ-120
Drilling diameter 50~80mm 65~150mm 90~168mm
Drill pipe φ42 φ50/φ60 φ60/φ76
Drilling depth 10~15M 20~25M 30~50M
Air motor power 4kW 4.4kW 7.5kW
Drill tool rotation speed 90~110r/min 68~85r/min 90~110r/min
Power head output torque 600N.m 800N.m 1200N.m
Gas consumption 3.5~6m³/min 10~13m³/min 17~22m³/min
Thrust cylinder diameter 90mm 150mm 200mm
Host length 1524mm 2400mm 1980mm
Host weight 110kg 190kg 280kg
Note: Products are constantly being improved. Any changes

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