

KJ314型矿用液压掘进钻车(二次破碎)

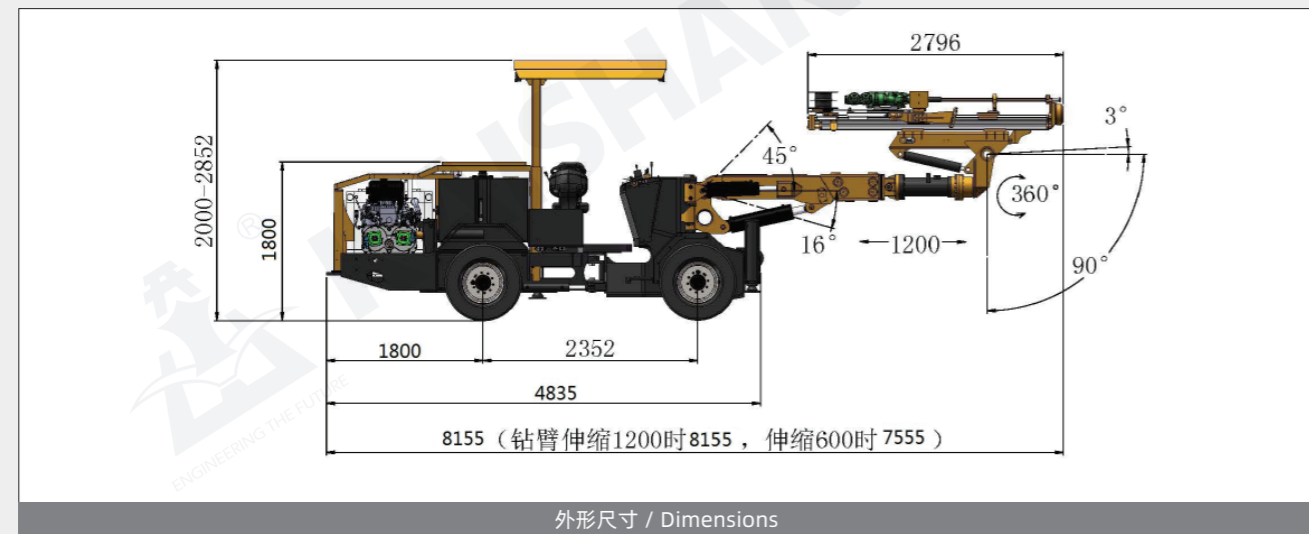


KJ314 Hydraulic Tunnelling Drilling Rig (Secondary Crushing)

用途及特点 / Application and Features

KJ314型矿用液压掘进钻车(二次破碎) 专为短时间多工位凿岩而设计, 钻车以柴油发动机为动力, 自带空压机, 采用水箱供水, 不需要外接水、气管路和电源。钻车可以实现快速凿岩, 快速转场, 特别适用于自然崩落法采矿中的大块矿石处理。

KJ314 hydraulic tunnelling drilling rig (secondary crushing) is specially designed for short time and multi-station rock drilling. The drill rig is powered by diesel engine and has air compressor on board. It uses water tank for water supply and does not need external water, air and power supply. The drill rig can realize rapid rock drilling and rapid sites transfer, especially suitable for processing large pieces of ore in which mines that using natural block caving method.



技术参数 / Technical Parameters

| 外形尺寸与重量 / Dimensions and weight | | 风水路系统 / Air & water system | | | |
|---|----------------------------|---------------------------------------|--|--|--|
| 长度 / Length | 8200mm | 排量 / Capacity of air compressor | 0.3m³/min | 润滑油耗油量 Oil Consumption of lubrication | 180-250g/h |
| 宽度 / Width | 1780mm | 压力 / Pressure | 3-5bar | 水泵排量 Capacity of water pump | 3m³/h |
| 高度 / Height | 2000/3000 mm | 钎尾润滑装置 Device of shank lubrication | 电磁脉冲润滑泵 Electronic pulse lubrication pump | | |
| 重量 / Weight | 约12000 kg / Appr. 12000 kg | | | | |
| 行驶速度(水平) Tramming speed on flat ground | 10km/h | | | | |
| 最大爬坡能力 Maximum climbing capacity | 25%(14°) | 柴油机 Diesel engine | Cummins B3.9CS4-130C 96KW/2500rpm | 转向机构 Steering mechanism | ±35°铰接转向 Articulated steering: ±35° |
| 安全防护 / Safety protection | | | | | |
| 噪音水平 / Noise level | < 100dB(A) | 传动系统 Drive system | 四轮驱动闭式行走系统 Closed hydraulic system for four-wheel driving | 行走制动 Travelling braking | 多片式制动器 Multidisc brake |
| 可升降安全顶棚 Lifting safety roof | FOPS & ROPS认证 | 摆动角 Swing angle | 后桥摆动±6° Swing of rear axle: ±6° | 驻车制动 Parking braking | 燃油箱 Fuel tank 170L |
| 钻进系统 / Drilling system | | | 钻臂 / Drill boom | | |
| 凿岩机/Rock drill | 1×HC50 / R38 | | 钻臂型号/Model of drill boom | K25 | |
| 冲击功率/Impact power | 13kW | | 钻臂形式/Form of drill boom | 伸缩式/Telescopic | |
| 频率/Impact Frequency | 62 Hz | | 钻臂伸缩/Boom extension | 1200mm | |
| 孔径/Hole diameter | Φ32-76mm | | 液压泵站 / Hydraulic power unit | | |
| 推进梁翻转/Beam rotation | 360° | | 冲击/推进/钻臂 /Impact /Feed/ Positioning | 轴向变量柱塞泵 Axial variable displacement piston pump | |
| 推进梁补偿行程/Feed extension | 850mm | | 回转/Rotation | 齿轮泵 / Gear pump | |
| 钻孔深度/Drilling depth | 1000mm | 1500mm | 过滤精度/Filter fineness | 10 μ | |
| 钎杆/Drill rod | R38-H35-R32-1350 | R38-H35-R32-1850 | 液压油箱/Hydraulic oil tank | 240L | |
| | | | 液压冷却器/Hydraulic cooler | 风冷却器 / Wind cooler | |

