

KJ212型矿用液压掘进钻车

KJ212 Hydraulic Tunnelling Drilling Rig

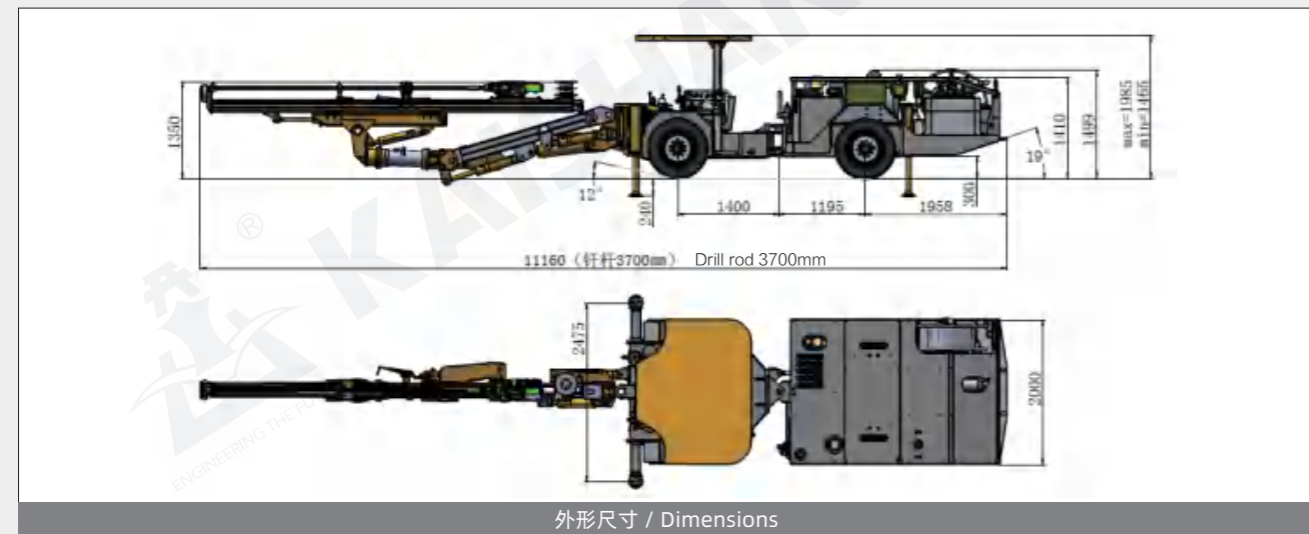


用途及特点 / Application and Features

KJ212型矿用液压掘进钻车可以钻凿垂直、倾斜和水平的炮孔，专为低矮巷道设计，通过断面2.5m*1.5m，适用于3.5m*1.8m-5m*4.8m断面的巷道掘进作业。

KJ212 hydraulic tunnelling drilling rig used to drill vertical, inclined and horizontal blast holes in low tunnels. Through the section (2.5m*1.5m), the drill rig is suitably qualified for any tunnels whose section falls in the range of 3.5m*1.8m-5m*4.8m.

- 坚固可靠的方向大臂具有最佳断面覆盖形状，推进梁360°翻转和自动持平便于快速方便地实现钻孔定位；
- The firm flexible boom is capable of optical coverage of the section; 360° rotation and self-leveling beam make drill positioning easy;
- 大臂同时还可用于侧向开石门和锚杆钻孔作业；
- The boom can also be used for the drilling of lateral cross-cut and rock bolting;
- 钻车布置确保操作手视野良好；
- The drill rig provides a good view for the operator;
- 布置平衡，强劲有力的四轮驱动铰接底盘确保在狭窄巷道中能够灵活，快速，安全行驶；
- Balanced layout and the articulated chassis of four-wheel drive ensure the flexible, fast and safe driving in the narrow tunnel;
- 高频冲击凿岩机采用梯级活塞优化了冲击波传递效率，提高钻进速度，降低钎具消耗并提高设备的完好率；
- The stepped piston is used for the high-frequency impacting rock drill and this can improve the transmission efficiency of impact wave and drilling speed and reduce the consumption of drilling tools and make it in good condition;
- 宽敞的作业空间和一系列自动功能有助于司机集中精力安全、快速、准确地钻进；
- Considerable space and automatic functions enable the driver to concentrate on drilling in a safe, fast and accurate manner;
- 各个维修保养部位均受到良好的保护，同时又易于维护保养；
- All the relevant parts are kept in good protection, meanwhile easy to maintain.



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	11160mm	空压机 / Air compressor	DLGF 0.7/8-5.5(B)	润滑油耗量 Oil Consumption of lubrication	180-250g/h
宽度 / Width	2000mm	排量 / Capacity of air compressor	0.7m³/min	水泵功率 Power of water pump	1.5kW / 4kW
高度 / Height	1465/1985mm	压力 / Pressure	6-8bar	水泵排量 Capacity of water pump	3m³/h / 5.8m³/h
重量 / Weight	约11000kg/ Appr. 11000kg	钎尾润滑装置 Device of shank lubrication	电磁脉冲润滑泵 Electronic pulse lubrication pump		
行驶速度（水平） Tramming speed on flat ground	10km/h	润滑耗气量 Air consumption of lubrication	0.3m³/min		
最大爬坡能力 Maximum climbing capacity	25% (14°)	底盘 / Chassis			
安全防护 / Safety protection		柴油机 Diesel engine	Cummins B3.9CS4-80C 59KW/2500rpm	转向机构 Steering mechanism	±35°铰接转向 Articulated steering: ±35°
噪声水平 / 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	驻车制动 Parking 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°	紧急制动 Emergency braking	
		燃油箱 Fuel tank		燃油箱 Fuel tank	30L
钻进系统 / Drilling system			电动液压泵站 / Electric hydraulic power unit		
凿岩机 / Rock drill	HC50 / HC95 / RD18U	电动机 / Motor	45kW / 55kW		
钎尾尺寸 / Rod size	R38 / T38	冲击 / 推进 / 钻臂 / Impact / Feed / Positioning	轴向变量柱塞泵 Axial variable displacement piston pump		
冲击功率 / Impact power	13KW / 20KW / 18KW	回转 / Rotation	齿轮泵 / Gear pump		
频率 / Impact Frequency	62Hz / 62Hz / 57Hz	过滤精度 / Filter fineness	10 μ		
孔径 / Hole diameter	Φ32-76mm / Φ42-89mm	液压油箱 / Hydraulic oil tank	240L		
推进梁翻转 / Beam rotation	360°	液压冷却器 / Hydraulic cooler	水冷却器 / Water cooler		
推进梁补偿行程 / Feed extension	1600mm	工作电压 / Working voltage	380V		
钻臂型号 / Model of drill boom	K 26	频率 / Frequency	50Hz		
钻臂形式 / Form of drill boom	自动持平 / Self-leveling	启动方式 / Starting method	星-三角 / Star-triangle		
钻臂伸缩 / Boom extension	1200mm	电缆规格 / Cable specifications	3×35+3G6	3×50+3G10	

