

KM211型矿用液压锚杆钻车

KM211 Hydraulic Rock Bolting Rig

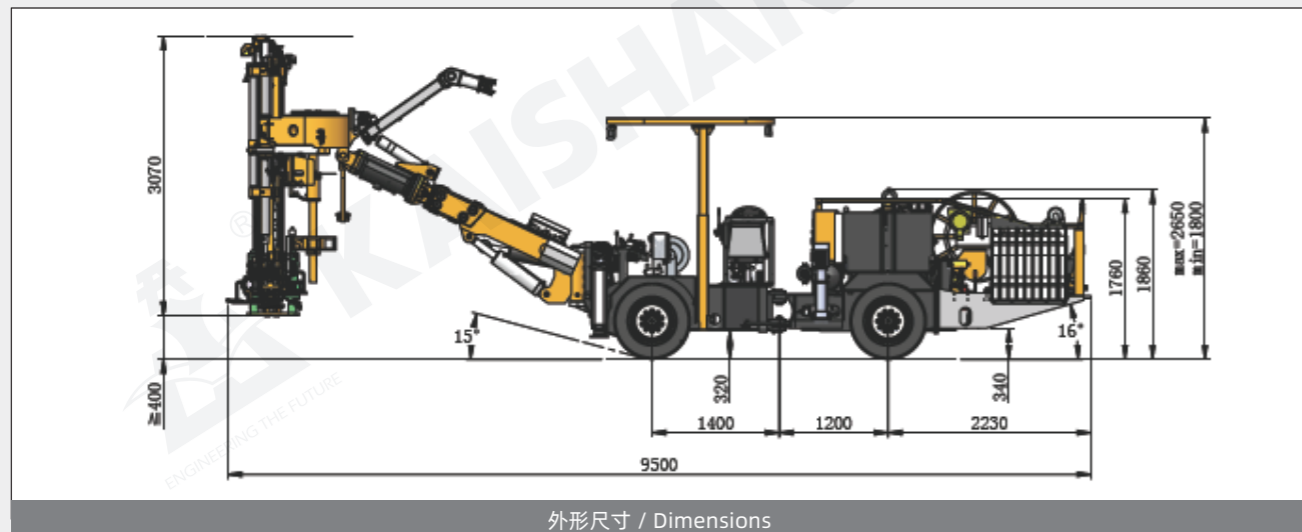


用途及特点 / Application and Features

KM211型矿用液压锚杆钻车专为低矮巷道管缝锚杆施工设计，可通过宽2m高2.5m的断面，适用于在断面宽度2.5m以上，高度3m以上的巷道锚固作业。

KM211 hydraulic rock bolting rig is specially designed for the construction of rock bolt in the pipe seam of low tunnels and it is capable of passing the section 2 meters wide and 2 meters high. It is suitably qualified for anchoring operations in tunnels whose section extends to a width of over 2.5 meters and a height of over 3 meters.

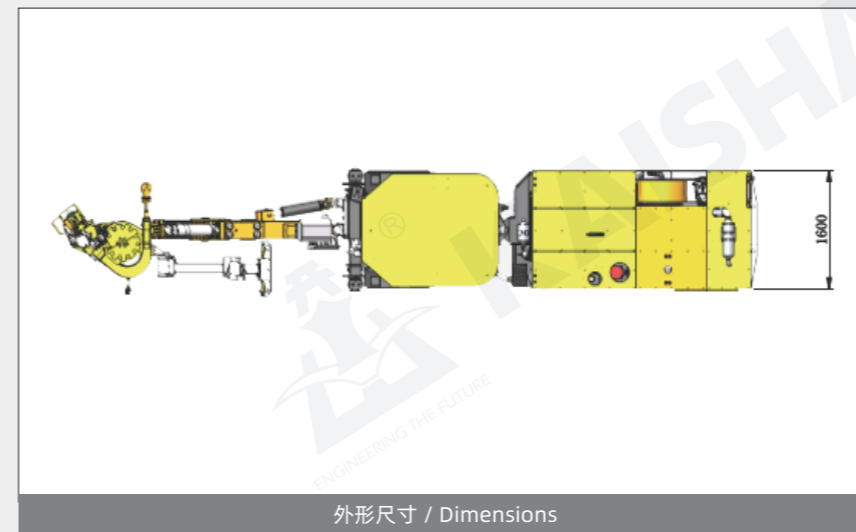
- 功能齐全。采用双工位推进梁，配有可容10根锚杆的储杆仓，选配挂网模块，可以完成钻孔、挂网和安装锚杆等工序；
- Complete functions. The advancing beam at two stations is available and it is equipped with a magazine having a storage capacity of 10 bolting rods, along with optional protective netting module; it is capable of performing the following tasks: drilling, netting and installation of rock bolting rod;
- 安全性高。操作人员处于防护顶棚保护之下，远离危险区域。
- High safety. Operators are protected by the ceiling, far away from the danger area;
- 工作效率高。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；
- High efficiency. The stepped piston is used for the high-frequency rock drill and this can improve the transmission efficiency of impact wave and improve drilling speed and reduce the consumption of drilling tools and make it in good condition;
- 台车布置确保操作手视野良好，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；
- The drill rig provides a good view for the operator; the articulated chassis of four-wheel drive ensures the flexible, quick and safe driving in the narrow tunnel;
- 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, also easy to maintain.



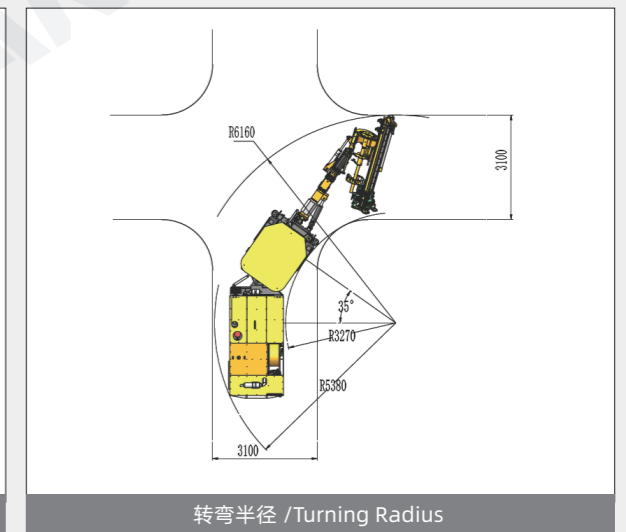
外形尺寸 / Dimensions

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	10200mm	空压机 / Air compressor	DLGF 0.7/8-5.5(B)	润滑耗油量 Oil Consumption of lubrication	180-250g/h
宽度 / Width	1600mm	排量 / Capacity of air compressor	0.7 m ³ /min	水泵功率 Power of water pump	1.5kW
高度 / Height	1800/2650 mm	压力 / Pressure	6-8bar	水泵排量 Capacity of water pump	3m ³ /h
重量 / Weight	约12000 kg / Appr. 12000 kg	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	0.3 m ³ /min		
最大爬坡能力 Maximum climbing capacity	25% (14°)				
安全防护 / Safety protection		底盘 / Chassis			
噪音水平 / Noise level	< 100dB(A)	柴油机 Diesel engine	Cummins B3.9CS4-80C 59KW/2500rpm	行走制动 Travelling braking	静液压制动 Hydrostatic brake
可升降安全顶棚 Lifting safety roof	FOPS & ROPS认证			驻车制动 Parking braking	多盘湿式制动器 Web multidisc brake
钻臂系统 / Drill boom system		传动系统 Drive system	四轮驱动闭式行走系统 Closed travelling system of four-wheel drive	燃油箱 Fuel tank	30L
型号 / Model	K22				
钻臂伸缩 / Boom extension	800mm				
钻进系统 / Drilling system		电动液压泵站 / Electric hydraulic power unit			
	钻孔 / Drilling	送杆 / Bolt Rod Install	电动机 / Motor	45KW	
凿岩机 / Rock drill	HC25 / HC28	HC25 / HC28	冲击 / 推进 / 钻臂 / Impact / Feed / Positioning	轴向变量柱塞泵 Axial variable displacement piston pump	
钎尾尺寸 / Rod size	R32		回转 / Rotation	齿轮泵 / Gear pump	
冲击功率 / Impact power	8KW (HC25) / 10KW (HC28)		过滤精度 / Filter fineness	10μ	
频率 / Impact Frequency	55-65Hz (HC25) / 47-53Hz (HC28)		液压油箱 / Hydraulic oil tank	240L	
孔径 / Hole diameter	Φ32-51mm		液压冷却器 / Hydraulic cooler	水冷却器 / Water cooler	
推进梁翻转 / Beam rotation	360°		工作电压 / Working voltage	380V	
推进梁补偿行程 / Feed extension	310mm		频率 / Frequency	50Hz	
适用巷道高度 Applicable height of tunnel	锚杆长度+1500mm左右 (HC25) Length of bolt rod + about 1500mm (HC25) 锚杆长度+1700mm左右 (HC28) Length of bolt rod + about 1700mm (HC28)		启动方式 / Starting method	星-三角 / Star-triangle	
			电缆规格 / Cable specifications	3×35+3G6	



外形尺寸 / Dimensions



转弯半径 / Turning Radius