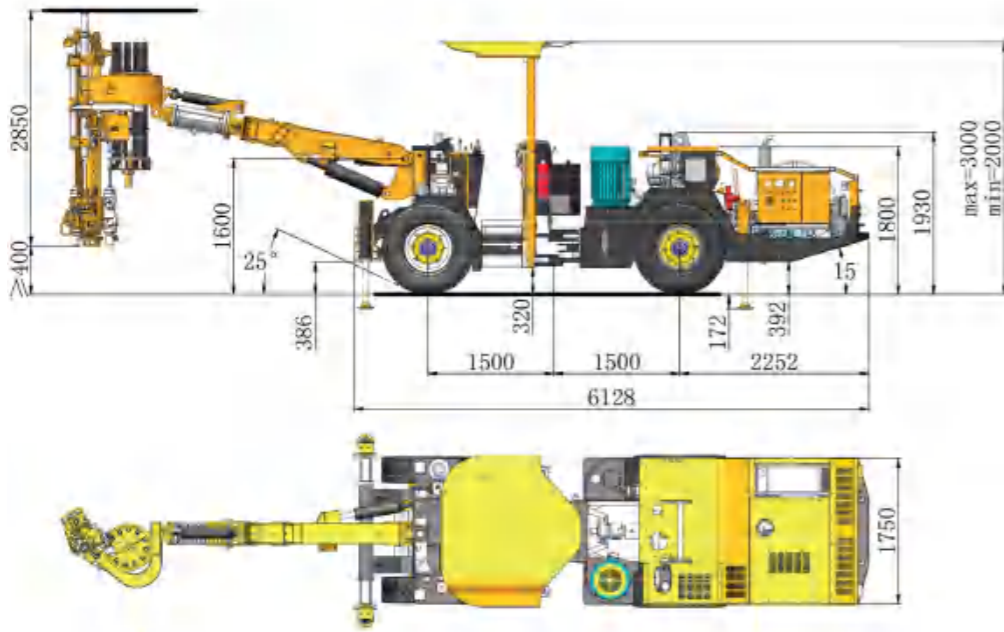


# KM311型矿用液压锚杆钻车

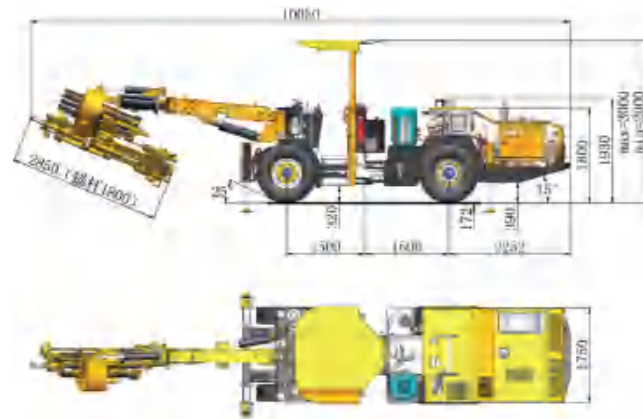
KM311 Hydraulic Rock Bolting Rig



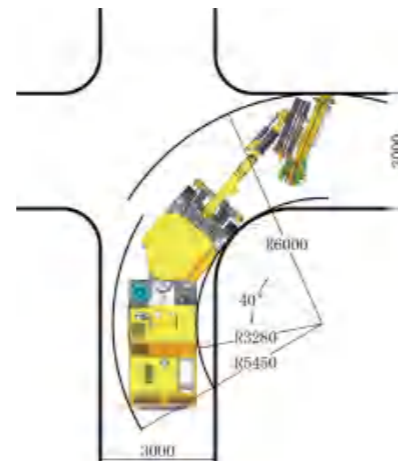
外形尺寸 / Dimensions



运输尺寸 / Transport dimension



断面示意 / Coverage area



# KM311型 矿用液压锚杆钻车

## KM311 Hydraulic Rock Bolting Rig

KM311型矿用液压锚杆钻车专为管缝锚杆施工设计，可通过宽2.5m高2.2m的断面，适用于在断面宽度3m以上，高度3m以上的巷道锚固作业。

KM311 Hydraulic rock bolting rig is specially designed for the construction of rock bolt in the pipe seam and it is capable of passing the section 2.5 meters wide and 2.2 meters high. It is suitably qualified for anchoring operations in tunnels whose section extends to a width of over 3 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、挂网和安装锚杆等整套工序；

●Complete functions. The beam have two working stations and it is equipped with a magazine having a storage capacity of 10 rock bolt 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;

●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；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；

●Considerable space and automatic functions enable the driver to concentrate on drilling in a safe, fast and accurate manner; all the relevant parts are kept in good protection, thus making maintenance easy.

●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;

### 外形尺寸与重量 / Dimensions and weight

长度 / Length	10700mm
宽度 / Width	1750mm
高度 / Height	2000/3000 mm
重量 / Weight	约12000 kg /Appr. 12000kg
行驶速度(水平) Tramming speed on flat ground	10km/h
最大爬坡能力 Maximum climbing capacity	25%( 14°)

### 安全防护 / Safety protection

噪音水平 / Noise level	<100dB(A)
可升降安全顶棚 Lifting safety roof	FOPS & ROPS认证

### 风水路系统 / Air & water system

空压机 /Air compressor	DLGF 0.7/8-5.5(B)
排量 /Capacity of air compressor	0.7 m³/min
压力 /Pressure	6-8bar
钎尾润滑装置 Device of shank lubrication	电磁脉冲润滑泵 Electronic pulse lubrication pump
润滑油气量 Air consumption of lubrication	0.3m³/min
润滑油油量 Oil Consumption of lubrication	180-250g/h
水泵功率 Power of water pump	1.5kW
水泵排量 Capacity of water pump	3m³/h

### 底盘 / Chassis

柴油机 Diesel engine	Cummins B3.9CS4-80C 59KW/2500rpm
传动系统 Drive system	湿式车桥四轮驱动系统 (闭式行走系统) Four-wheel drive system with wet axle (closed travelling system)
行走制动 Travelling braking	湿式制动 Wet brake
驻车制动 Parking braking	多盘湿式制动器 Web multidisc brake
燃油箱 Fuel tank	60L

### 钻进系统 / Drilling system

	钻孔/Drilling	送杆/Bolt Rod Install
凿岩机/Rock drill	HC25 / HC28	HC25 / HC28
钎尾尺寸/Rod size	R32	
冲击功率/Impact power	8KW (HC25)	10KW (HC28)
频率/Impact Frequency	55-65Hz (HC25)	47-53Hz (HC28)
孔径/Hole diameter	Φ32-51mm	
推进梁翻转/Beam rotation	360°	
推进梁补偿行程/Feed extension	310mm	
钻臂型号/Model of drill boom	K 26F	
钻臂伸缩/Boom extension	1200mm	