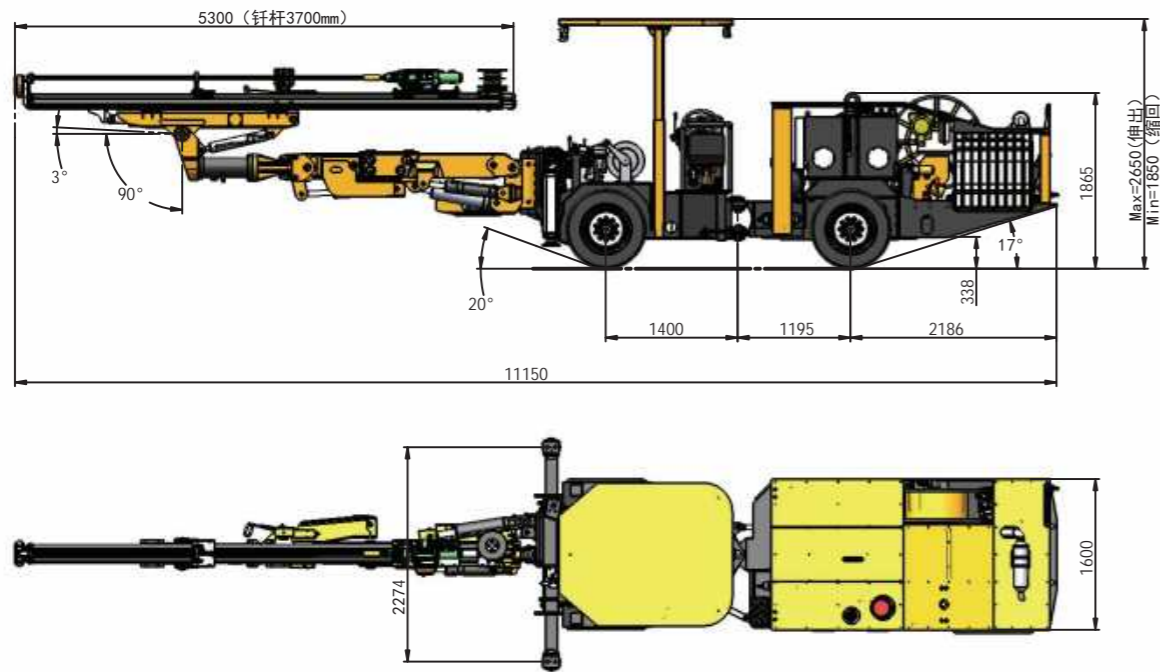
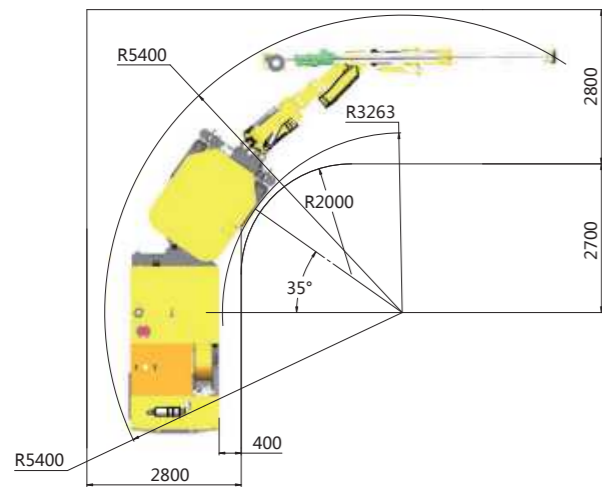


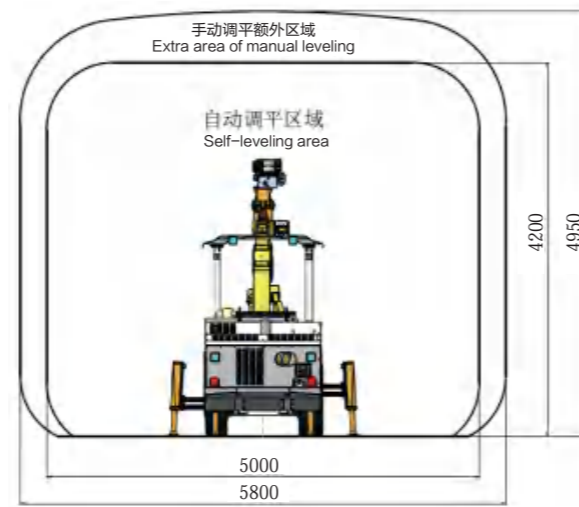
外形尺寸 / Dimensions



转弯示意 / Turning Diagram



断面示意 / Coverage area



# KJ211型矿用液压掘进钻车

## KJ211 Hydraulic Tunnelling Drilling Rig



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# KJ211型 矿用液压掘进钻车

## KJ211 Hydraulic Tunnelling Drilling Rig

KJ211型矿用液压掘进钻车用于采矿准备工作和隧道掘进，是独立作业的液压凿岩台车，可以钻凿垂直、倾斜和水平的炮孔；适用于7-25m<sup>2</sup>断面的硬岩掘进作业。

KJ211 hydraulic tunnelling drilling rig used for mining preparations and tunneling, it is an independent working drill rig. It can be used for drilling vertical, inclined and horizontal blast hole, suitable for the hard-rock of any section in the range of 7-25m<sup>2</sup>.

- 坚固可靠的万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；大臂同时还可用于侧向开石门和锚杆钻孔作业；

- The firm flexible boom is capable of optical coverage of the section; 360° rotation and self-leveling beam make drill positioning easy; the boom can also be used for the drilling of lateral cross-cut and rock bolting;

- 钻车布置确保司机视野良好；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；

- The drill rig provides a good view for the operator; 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；

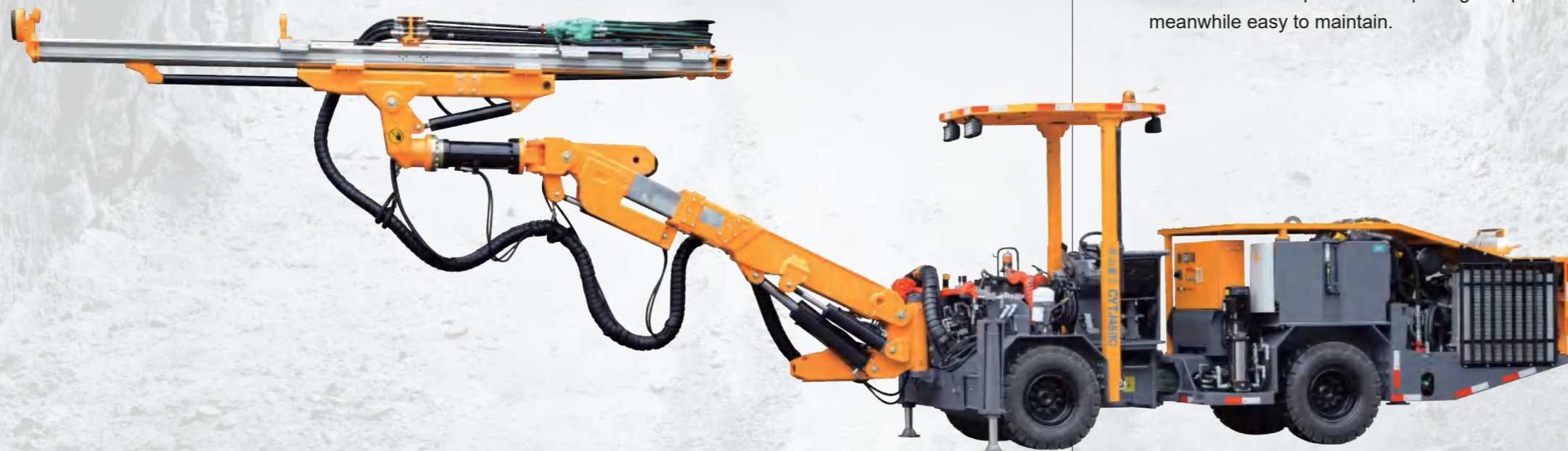
- The stepped piston is used for the high-frequency impacting rock drill and this can improve the transmission efficiency of impact wave and drilling speed and reduce the consumption of drilling tools and make it in good condition;

- 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.



### 外形尺寸与重量 / Dimensions and weight

长度 / Length	11500mm
宽度 / Width	1600mm
高度 / Height	1850/2650 mm
重量 / Weight	约11000 kg /Appr. 11000kg
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	0.7m <sup>3</sup> /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
润滑耗气量 Air consumption of lubrication	0.3m <sup>3</sup> /min
润滑耗油量 Oil Consumption of lubrication	180-250g/h
水泵功率 Power of water pump	1.5kW      4kW
水泵排量 Capacity of water pump	3m <sup>3</sup> /h      5.8m <sup>3</sup> /h

### 底盘 / Chassis

柴油机 Diesel engine	Cummins B3.9CS4-80C 59KW/2500rpm
传动系统 Drive system	四轮驱动闭式行走系统 Closed hydraulic system for four-wheel driving
摆动角 Swing angle	后桥摆动±6° Swing of rear axle: ±6°
转向机构 Steering mechanism	±35°铰接转向 Articulated steering: ±35°
行车制动 Travelling braking	静液压制动 Hydrostatic braking
驻车制动 Parking braking	多片式湿式制动器 Wet multidisc brake
燃油箱 Fuel tank	30L

### 钻进系统 / Drilling system

凿岩机/Rock drill	HC50	18U	HCL95LMH/22U
钎尾尺寸/Rod size	R38 / T38	T38	R38 / T38
冲击功率/Impact power	13KW	18KW	21KW / 22KW
频率/Impact Frequency	62Hz	57Hz	62Hz / 53Hz
孔径/Hole diameter	Φ32-76mm	Φ42-89mm	Φ42-102mm
推进梁翻转/Beam rotation		360°	
推进梁补偿行程/Feed extension		1600mm	
钻臂型号/Model of drill boom		K 26F	
钻臂形式/Form of drill boom		自动持平/Self-leveling	
钻臂伸缩/Boom extension		800mm	