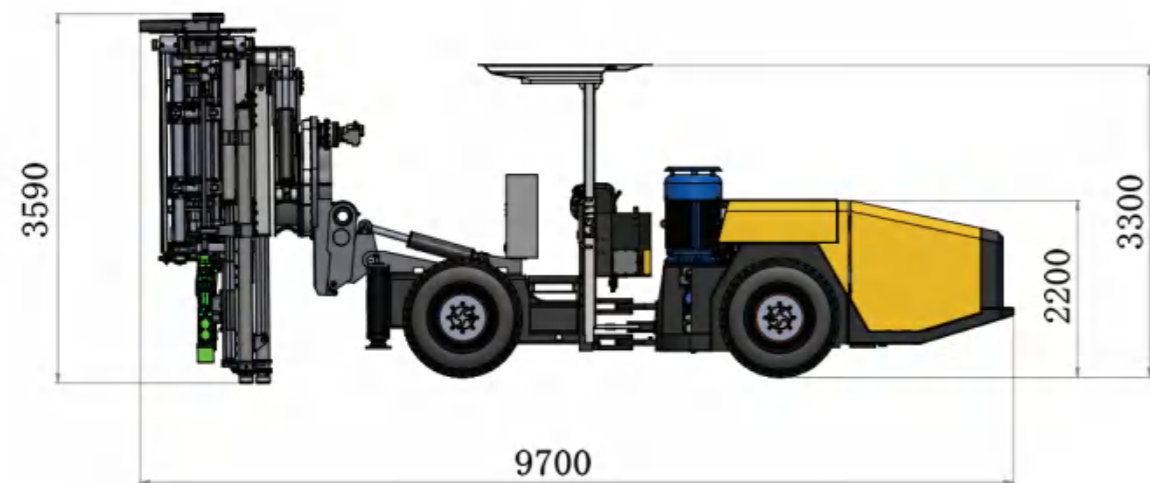
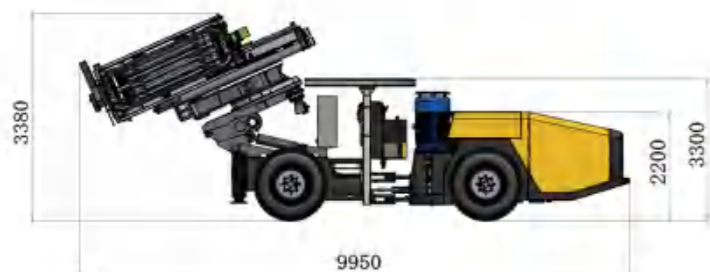


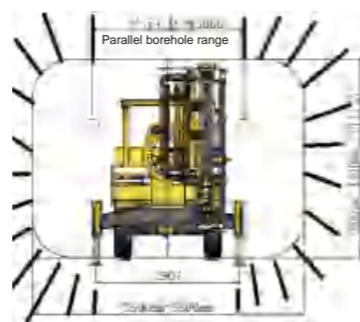
工作时外形尺寸 /Dimensions during operation



行走时外形尺寸 /Dimensions during travelling



工作范围示意 /Diagram of working range



水平和向下方向钻孔需要额外的压缩空气用来排渣，详情请咨询厂家。  
Horizontal and downward drilling requires additional compressed air for slag removal, please consult the manufacturer for details.



## KS311型矿用液压采矿钻车

KS311 Hydraulic Mining Drilling Rig



地址：浙江省衢州市经济开发区凯旋南路10号  
销售热线：400 870 0207  
服务中心：400 826 6158  
邮箱：kszhgy@kaishangroup.com  
http://www.zjkszg.com  
http://www.kaishangroup.com

Add: No.10 kaixuan Street(S),Quzhou,zhejiang.China  
Sales phone: 400 870 0207  
Service phone: 400 826 6158  
E-mail:kszhgy@kaishangroup.com  
http:// www.zjkszg.com  
http://www.kaishangroup.com

关注微信号  
了解更多



开山集团



开山重工

品质开山 行业典范

# KS311型 矿用液压采矿钻车

## KS311 Hydraulic Mining Drilling Rig

KS311型矿用液压采矿钻车可主要用于中深孔采矿钻凿爆破孔，也可用于锚索支护钻孔。适用巷道高度3.5m-5m，宽度3.5m-5m。钻臂支座360度翻转，配合摆臂机构和平移导轨，可实现360度钻孔和3米范围平行钻孔（水平和向下方向钻孔需要额外的压缩空气用来排渣，详情请咨询厂家），能满足各种采矿钻孔要求。

KS311 Hydraulic mining drilling rig is mainly used for blast drilling of medium-length hole mining and supporting drilling of anchor cable. Both the applicable height and width of tunnels fall in the range of 3.5m-5m. The support for the drill boom is capable of 360-degree rotation. In combination with swing boom and translational guide rail, it is capable of 360-degree drilling and parallel drilling within three meters (Horizontal and downward drilling requires additional compressed air for slag removal, please consult the manufacturer for details), thus meeting the requirements of various mine drillings.

●自动换杆系统可以容纳27根钻杆，最大钻深可达42米。

●The automatic rod-changing system has a storing capacity of 27 drill rods and the drilling depth can reach as far as 42 meters.

●采用手推车式操作台，视线良好，也可选配无线遥控器。

●The trolley-type workbench with a good sight is adopted; and the wireless remote controller can serve as an option.

●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.

●闭式液压驱动铰接式矿用底盘，适用于中小尺寸的巷道。

●The articulated mining chassis of closed hydraulic drive is suitable for small and medium-sized tunnels.



### 外形尺寸与重量 / Dimensions and weight

|   |                          |
|---|--------------------------|
| 长度 / Length                               | 9700mm                   |
| 宽度 / Width                                | 2300mm                   |
| 高度 / Height                               | 3300 mm                  |
| 重量 / Weight                               | 约16000 kg /Appr. 16000kg |
| 行驶速度(水平)<br>Tramming speed on flat ground | 10km/h                   |
| 最大爬坡能力<br>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<br>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<br>Device of shank lubrication   | 电磁脉冲润滑泵<br>Electronic pulse lubrication pump |
| 润滑耗气量<br>Air consumption of lubrication | 0.3m³/min                                    |
| 润滑耗油量<br>Oil Consumption of lubrication | 180-250g/h                                   |
| 水泵功率<br>Power of water pump             | 4kW  |
| 水泵排量<br>Capacity of water pump          | 5.8m³/h                                      |

### 底盘 / Chassis

|                            |  |
|----------------------------|--|
| 柴油机<br>Diesel engine       | Cummins B3.9CS4-130C<br>96KW/2500rpm                         |
| 传动系统<br>Drive system       | 四轮驱动闭式行走系统<br>Closed hydraulic system for four-wheel driving |
| 摆动角<br>Swing angle         | 后桥摆动±10°<br>Swing of rear axle: ±10°                         |
| 转向机构<br>Steering mechanism | ±40°铰接转向<br>Articulated steering: ±40°                       |
| 行车制动<br>Travelling braking | 双回路液压制动器<br>Two-circuit hydraulic brake                      |
| 驻车制动<br>Parking braking    | 减速器多盘湿式制动器<br>Wet multidisc brake of reducer                 |
| 燃油箱 Fuel tank              | 60L  |

### 钻进系统 / Drilling system

|                                      |                                    |          |
|--------------------------------------|------------------------------------|----------|
| 凿岩机型号 /Model of rock drill           | HC95LQw / 22U                      | HC112LH  |
| 冲击功率 /Impact power                   | 24KW / 22KW                        | 26KW     |
| 频率 /Impact Frequency                 | 57Hz / 53Hz                        | 46Hz     |
| 扭矩 /Torque                           | 955Nm / 1550Nm                     | 1342Nm   |
| 孔径 /Hole diameter                    | 64-102mm                           | 64-127mm |
| 钻杆螺纹 /Thread of drill rod            | T38、T45                            | T51      |
| 钻孔深度 /Drilling depth                 | 42m                                |          |
| 推进梁俯仰 /Pitch angle of advancing beam | 前俯20°，后仰65° /Front: 20°, back: 65° |          |
| 环形工作角度 /Ring angle                   | 360°                               |          |
| 垂直孔范围 /Rang of Parallel holes        | 左右各1500mm /1500mm each side        |          |
| 钻杆长度 /Length of drill rod            | 1525mm                             | 1830mm   |
| 推进梁长度 /Length of advancing beam      | 3500mm                             | 3800mm   |
| 推进梁补偿行程 /Feed extension              | 1200mm                             | 1200mm   |