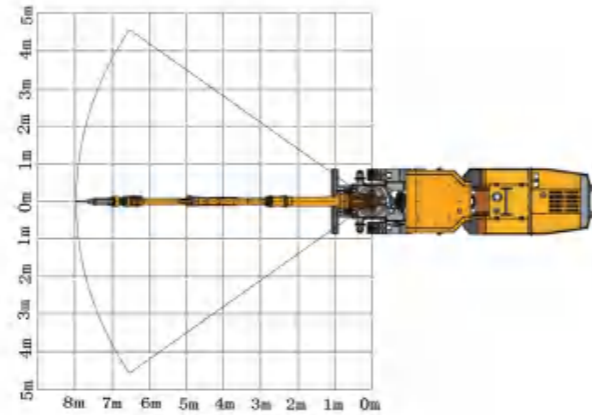


KQ311型撬毛台车

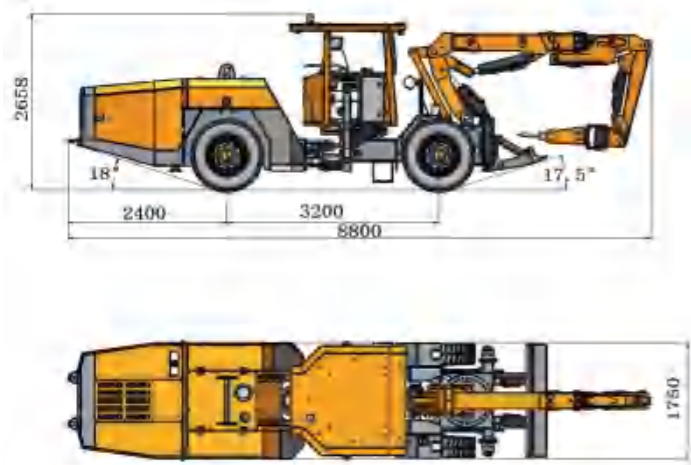
KQ311 Hydraulic Scaling Rig



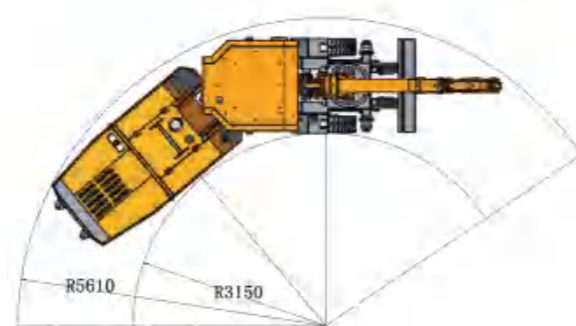
作业范围 / Operating range



外形尺寸 / Dimensions



转弯半径 / Turning Radius



KQ311型 撬毛台车

KQ311 Hydraulic Scaling Rig

KQ311型撬毛台车以柴油机为单一动力，主要用于非煤矿山及各种地下工程中巷道、隧道、隧洞撬毛作业。

KQ311 hydraulic scaling rig is driven by diesel engine. It is mainly suitable for scaling operations in tunnels and non coal mine hill and various underground projects.

该车工作臂为折叠式并配备旋转油缸驱动的液压锤及机械式平动机构，可对工作面、顶板、侧帮及底板进行全方位作业。

The folding arm is fitted with the hydraulic hammer and translation mechanism driven by the rotating oil cylinder and it is capable of all-round operations of working surface, top plate, side wall and base plate.

液压系统采用比例先导操纵，因而具有操纵灵活、动作平稳等特点。

Meanwhile, proportion pilot control is applied to the hydraulic system, characterized by flexible manipulation and smooth operations.

构紧凑、移动性能好、转弯半径小、爬坡能力强，采用该设备可大幅提高撬毛作业效率及安全性。

The equipment can considerably improve the scaling efficiency and safety based on compact structure, excellent mobility, small turning radius and powerful climbing capacity.



外形尺寸与重量 / Dimensions and weight

长度 / Length	8800mm
宽度 / Width	1750mm
高度 / Height	2650 mm
重量 / Weight	约12000 kg /Aprr. 12000kg
发动机 /Engine	Cummins B3.9CS4-80C
功率/转速 /Power/ speed	59KW/2500rpm
传动系统 /Drive system	四轮驱动闭式行走系统 Closed travelling system of four-wheel drive
摆动角 /Swing angle	±6°
轮胎 /Tires	11.00-20
转向角度 /Steering angle	±40°
转弯半径(内/外) /Turning radius (inner/outer)	3150/5610
行走制动 /Travelling braking	湿式制动
最大行驶速度 /Maximum tramming speed	10km/h
最大爬坡角度 /Maximum climbing angle	25% (14°)
轴距 /Wheelbase	3200mm
轮距 /Wheel tread	1400mm
离地间隙 /Ground clearance	300mm
液压锤 /Hydraulic hammer	水山/SOOSAN SB30
冲击能量 /Impact energy	350J
冲击频率 /Impact frequency	9-16Hz
驱动流量 /Drive flow	25-40L/Min
工作压力 /Working pressure	90-125Bar
摆臂角度 /Angle of swing arm	±30°
平动臂俯仰角度 /Pitch angle of translational arm	45°
中臂举升角度 /Lifting angle of mid-arm	60°
前臂俯仰角度 /Pitch angle of front arm	95°
液压锤俯仰角度 /Pitch angle of hydraulic hammer	120°
摆动缸角度 /Angle of swing cylinder	±90°
钻臂伸缩 /Drill arm expansion and contraction	1200mm
最大工作高度 /Maximum working height	8300mm
最大工作宽度 /Maximum working width	8800mm
驾驶室后仰 /Backward angle of cab	15°
水泵功率 /Power of water pump	0.5Kw
水泵流量 /Flow of water pump	2L/Min
驾驶室升降 /Cab lift	400mm
可升降安全顶棚 /Lifting safety roof	FOPS & ROPS认证