

KSQ31型矿用潜孔钻机

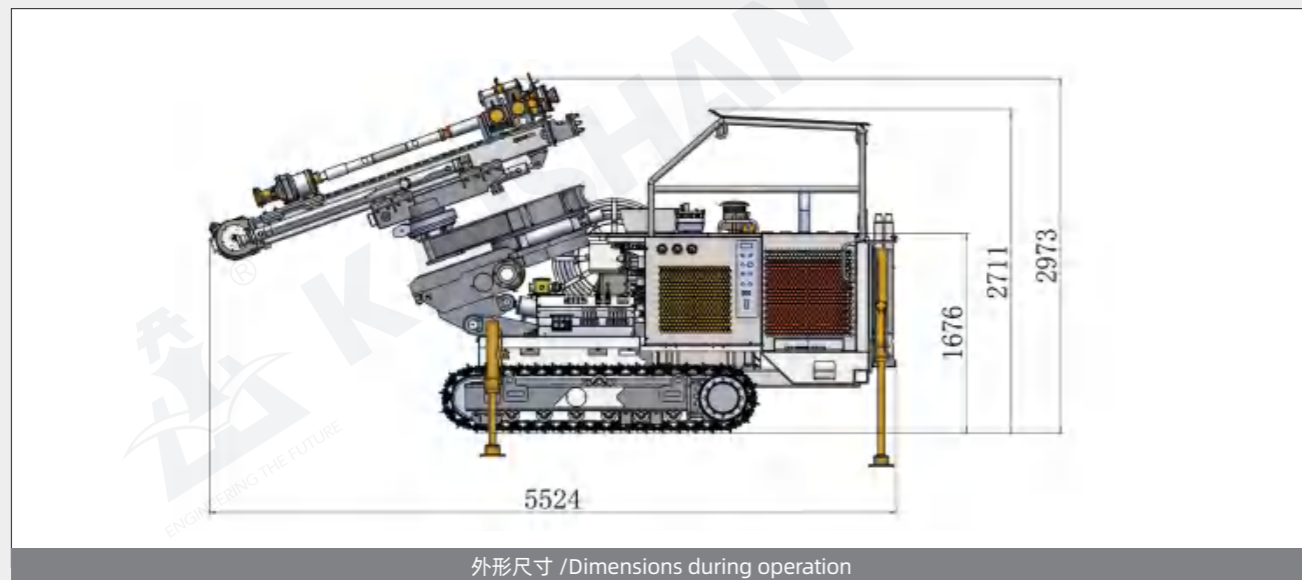
KSQ31 Downhole Mining Drilling Rig



用途及特点 / Application and Features

KSQ31型矿用潜孔钻机系我公司在多年开发潜孔钻车产品基础上自行研发的新型、高效、专业的井下钻车设备。该款钻车配备柴油机和电动机两种独立的系统，可独立操作，适用性强。主要适用于巷道宽度3.2-8米，高度3.2-5米的中深孔采矿、锚固等作业。

KSQ31 downhole mining drilling rig is a new, efficient and professional downhole drilling rig developed by our company on the basis of many years' development of DTH drilling rig products. The drilling rig is equipped with two independent systems, diesel engine and motor, which can be operated independently and has strong applicability. It is mainly suitable for medium and deep hole mining and anchoring operations with a width of 3.2-8 meters and a height of 3.2-5 meters.



技术参数 / Technical Parameters

参数 / Parameters		推进 / Method		
外形尺寸 Dimensions	长 / Length	5525 mm	推进梁总长 / Length of Propulsion Beam	3155mm
	宽 / Width	2375mm	推进行程 / Feed stroke	1355mm
	高 / Height	2975 mm	最大推拉力 / Lifting force	25KN
重量 / Weight	10000 kg	变幅机构 / Luffing mechanism		
爬坡能力 / Climbing capacity	20°	俯仰角度 / Lifting of drill boom	前俯20°/后仰65°Front20°/back65°	
行走速度 / Travelling speed	1.5/3Km/h, 双速 / Double speed	摆动角度 / Swing angle of drill boom	360°	
离地间隙 / Ground clearance	355mm	环形工作角度 / Ring angle	360°	
动力 / Power		平行孔范围 / Parallel borehole range		3052mm
柴油机 / Engine	YCF3675-T480	电器 / Electrical		
柴油机功率 / Engine power	55.8KW	电机电压 / Working voltage	380V	
电机 / Motor	Y250M-4	启动方式 / Starting method	星三角启动 / Star-triangle	
电机功率 / Motor power	55Kw	电缆卷盘容量 / Length of reel cabling	80m	
钻孔 / Drilling		其他 / Other		
凿岩硬度 / Rock hardness	f=6—20	集尘方式 / Method of dust catching	湿式除尘 wet	
钻孔孔径 / Drilling diameter	φ90-125mm	适用风压 / Air pressure	10-25bar	
经济钻深 / Depth of economical drilling	50m	推荐排量 / Air consumption	10-22m³/min	
钻杆直径 / Drilling rod diameter	φ76mm	操作方式 / Operational mode	液压直控+有线遥控 /Hydraulic pilot + Cable remote control	
钻杆长度 / Drilling rod length	1.2m (开孔钎0.8m) / Open-hole drill rod			
钻杆数量 / Number of rods	24+1	防护顶棚 / Protection roof	防落石功能 /Resistance to rolling and rock-fall	
回转 / Rotary				
回转器转速 / Rotary speed	0-120rpm			
回转器扭矩 / Rotary torque	1900Nm			

