

KGH5AIII型露天潜孔钻车

KGH5AIII Surface DTH Drilling Rig



KGH5AIII型露天潜孔钻车是应国家对环保要求而进行升级的一款设备。配备有玉柴非道路四缸发动机，满足国家对排放和环保的要求。灵活的变幅机构，可满足钻凿低位水平孔功能，同时对液压系统升级，增大其系统流量，提高回转转速。对提升油缸进行优化，提高其可靠性，增加起吊吊环（板），方便装卸吊装。

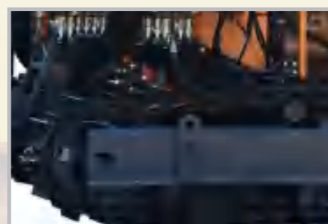
The KGH5AIII surface DTH drilling rig is an improved device in compliance with national regulations on environmental protection. Equipped with the Yuchai four-cylinder engine, the drill rig meets the national standards for emissions and environment. The flexible derricking mechanism is suitably qualified for horizontal drilling at a low level. The hydraulic system has been improved, leading to increased system flow and rotary speed. Moreover, the hydraulic cylinder has been optimized, thus making it more reliable; and the additional ring (plate) makes handling and lifting easier.

技术参数 / Technical Parameters

钻车型号 /Model of drill rig	KGH5AIII
整机重量 /Weight of complete machine	4700KG
外形尺寸 /Outer dimensions	4700×2240×2100mm
凿岩硬度 /Drilling hardness	f=6-20
钻孔孔径 /Drilling diameter	Φ90-130mm
经济钻深 /Depth of economical drilling	25m
回转转速 /Rotary speed	0-200rpm
最大回转扭矩 /Rotary torque (Max)	1650N·m (Max)
提升力 /Lifting force	18KN
推进方式 /Method of Feed	油缸+板式链 /Oil cylinder+leaf chain
推进行程 /Feed stroke	2670mm
行走速度 /Travelling speed	0-2.5km/h / 0-3.5km/h
爬坡能力 /Climbing capacity	≤30°
离地间隙 /Ground clearance	380mm
滑架俯仰角度 /Tilt angle of Beam	俯105°仰12°共117°/Down:105°, up: 12°, total: 117°
滑架摆动角度 /Swing angle of boom	左20°右24°共44°/Left: 20°, right: 24°, total: 44°
钻臂俯仰角度 /Pitch angle of drill boom	俯35°仰60°共95°/Down: 35°, up: 60°, total: 95°
滑架补偿长度 /Compensation length of beam	900mm
配套动力 /Supporting power	玉柴YC4DK100-T304(73.5KW/2200r/min) /Yuchai YC4DK100-T304(73.5KW/2200r/min)
冲击器 /DTH hammer	3吋/3"
钻杆 /Drilling rod	Φ60×2m
耗风量 /Air consumption	10-17m ³ /min
集尘器 /dust collector	标配 QZA-90 (8滤芯) standard configuration QZA-90 (8 filter element)
	选配QZA-120 (12滤芯) alternative configuration QZA-120 (12 filter element)

备注：当集尘机型钻孔孔径超过Φ90mm，集尘器必须升级加大。

Note: When the hole diameter of the dust collector exceeds 90mm, the dust collector must be upgraded and enlarged.



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▲ 配套空压机方案推荐 /Recommended Air Compressors

柴油移动型螺杆压缩机: KP425-10 YC
 KM550-13 YC

Diesel engine portable screw air compressor: KP425-10 YC
 KM550-13 YC

注：根据孔径大小及空气管路远近选配空压机
 Note: Air compressor selection subject to hole diameter and air hose length

备注：图片仅供参考
 Pictures for reference only, subject to our available products.