

KG320/KG320H型露天潜孔钻车

KG320/KG320H Down The Hole Drill Rig For Open Use

KG320/KG320H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。配备有玉柴动力非道路四缸国三发动机，满足国家对排放和环保的要求。采用柱塞行走马达，工程四轮一带，提高工作压力，增加其爬坡性能。增大俯仰和举臂油缸，满足其极限位置使用要求。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。导轨采用倾斜安装，方便操作和观察。罩壳采用加厚型材，增加起吊吊环，方便装卸吊装。

The KG320/KG320H down the hole drill rig for open use is an improved device in compliance with national regulations on environmental protection. Equipped with the Yuchai engine (China III), the drill rig meets national standards for emissions and environment. The tramping motor of plunger piston and four-wheel drive improve the working pressure and climbing capacity. The expanded pitch and lifting-arm hydraulic cylinder enable it to meet the requirements of limiting position use. Meanwhile, the hydraulic system is improved, thereby proving increased system flow and rotary speed. The hydraulic cylinder has been optimized, thus making it more reliable. The guide rail is installed in an inclined way, making operations and observations easier. The thickened profile is used for the housing; and the additional ring makes handling and lifting convenient.

KG320H型露天潜孔钻车增加集尘器，工作时更环保、可靠。

The KG320H down the hole drill rig for open use is equipped with a dust collector, thus making operation more environment-friendly and reliable.



技术参数 / Technical Parameters

钻车型号 / Model of drill rig	KG320	KG320H
整机重量 / Weight of complete machine	4500KG	4700KG
外形尺寸 / Outer dimensions	6050 × 2360 × 2700mm	6050 × 2360 × 2700mm
凿岩硬度 / Drilling hardness	f=6-20	
钻孔孔径 / Drilling diameter	Φ80-105mm	
经济钻深 / Depth of economical drilling	25m	
回转转速 / Rotary speed	0-140rpm	
最大回转扭矩 / Rotary torque (Max)	1850N·m (Max)	
提升力 / Lifting force	20KN	
推进方式 / Method of Feed	油缸+板式链 / Oil cylinder+eaf chain	
推进行程 / Feed stroke	3820mm	
行走速度 / Travelling speed	0-2.2km/h	
爬坡能力 / Climbing capacity	≤30°	
离地间隙 / Ground clearance	465mm	
滑架俯仰角度 / Tilt angle of Beam	俯135° 仰50° 共185° / Down: 135°, up: 50°, total: 185°	
滑架摆动角度 / Swing angle of boom	左100° 右45° 共145° / Left: 100°, right: 45°, total: 145°	
钻臂俯仰角度 / Pitch angle of drill boom	俯50° 仰25° 共75° / Down: 50°, up: 25°, total: 75°	
钻臂摆动角度 / Swing angle of drill boom	左44° 右45° 共89° / Left: 44°, right: 45°, total: 89°	
滑架补偿长度 / Compensation length of beam	900mm	
配套动力 / Supporting power	玉柴动力YCD4R23T8-80 (59KW/2400r/min) / Yuchai YCD4R23T8-80 (59KW/2400r/min)	
冲击器 / DTH hammer	3吋/3"	
钻杆 / Drilling rod	Φ64 × 3m	
耗风量 / Air consumption	7-15m³/min	
最高水平孔高度 / Maximum height of horizontal hole	2750mm	
最低水平孔高度 / Minimum height of horizontal hole	350mm	

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

柴油移动式螺杆压缩机: 开山 LGCY-12/10
开山 KSCY-550/13

Diesel engine portable screw air compressor: Kaishan LGCY-12/10
Kaishan KSCY-550/13

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

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