

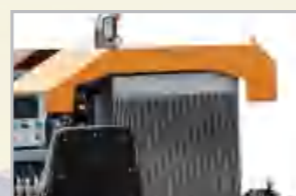
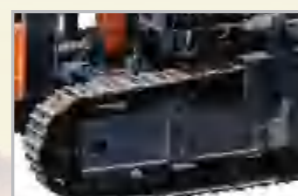
KGH6A型光伏潜孔钻车

KGH6A Photovoltaic Drilling Rig



KGH6A型光伏潜孔钻车配备玉柴四缸发动机，一体式控制器，实时监控钻车运行参数。采用折边履带架和工程四轮一带，加强型双速柱塞行走马达，提高工作压力，增加其爬坡性能。滑板压条采用耐磨材料，保证产品使用寿命；大减速比的新型回转器为钻车提供高达7000Nm以上的回转扭矩，油缸推进提升大提高了钻孔操作的可靠性，同时对液压系统进行升级，采用高强度大排量铸铁齿轮泵，保证产品质量，同时具有使用寿命长、产品性能稳定的优势；罩壳采用加厚型材，增加起吊吊环，方便装卸吊装，可广泛使用在较大孔径光伏基桩开孔、水电工程、露天采矿、道路修建等施工工地钻凿爆破孔作业。

KGH6A photovoltaic drilling rig is equipped with Yuchai four-cylinder engine, an integrated controller, and features real-time monitoring of operational parameters. The double-speed plunger motor is bolstered by a reinforced folding track frame and an engineering four-wheel belt, enhancing the working pressure and significantly improving its climbing capabilities. The sliding plate employs wear-resistant materials to ensure the longevity of the product. The newly designed rotary system, featuring a high reduction ratio, delivers over 7000Nm of torque to the drilling car, while the cylinder propulsion greatly enhances the reliability of the drilling operations. Additionally, the hydraulic system has been upgraded, incorporating a cast iron gear pump with high strength and large displacement, ensuring product quality and boasting the benefits of an extended service life and stable performance. The rig's shell utilizes thickened profiles and includes lifting rings for easier loading, unloading, and hoisting, making it suitable for a wide range of applications, including the drilling of large-diameter holes for photovoltaic foundation piles at construction sites, as well as in hydroelectric projects, open-pit mining, and road construction.



▲ **KGH6A型 光伏潜孔钻车**
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技术参数 / Technical Parameters

钻车型号 /Model of drill rig	KGH6A
整机重量 /Weight of complete machine	5000Kg
外形尺寸 /Outer dimensions	5100×2260×2600mm
凿岩硬度 /Drilling hardness	F=6-20
钻孔孔径 /Drilling diameter	φ115-305mm
回转转速 /Rotary speed	0-80rpm
最大回转扭矩 /Rotary torque (Max)	≥7000Nm
提升力 /Lifting force	25KN
推进方式 /Method of Feed	油缸+20A滚子链/ oil cylinder +20A roller chain
推进行程 /Feed stroke	3475mm
行走速度 /Travelling speed	0-4Km/h (双速)
爬坡能力 /Climbing capacity	≤35°
离地间隙 /Ground clearance	325mm
滑架摆动角度 /Swing angle of boom	左25°右25°共50°/Left: 25°, right: 25°, total: 50°
钻臂俯仰角度 /Pitch angle of drill boom	俯50°仰15°共65°/Down: 50°, up: 15°, total: 65°
钻臂摆动角度 /Swing angle of drill boom	左42°右38°共80°/Left: 42°, right: 38°, total: 80°
滑架补偿长度 /Compensation length of beam	900mm
工作风压 /Air pressure for work	1-2.4MPa
配套动力/Supporting power	玉柴DKC2G3 (73.5KW/2200r/min) / YuchaiDKC2G3 (73.5KW/2200r/min)
冲击器/DTH hammer	4-6吋;
钻杆直径/Drilling rod	φ76/89/102 x2000mm
螺旋钻杆直径	φ130-300
耗风量/Air consumption	15-35m ³ /min



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

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

柴油移动式螺杆压缩机: KP650-15/18 YC
 KP750-18/21 YC
 KM800-17/20 YC

Diesel engine portable screw air compressor: KP650-15/18 YC
 KP750-18/21 YC
 KM800-17/20 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