

KG300GF型光伏潜孔钻车

KG300GF Photovoltaic Drilling Rig



KG300GF型光伏潜孔钻车是专门针对光伏基桩孔而设计的一款产品，其配备有73KW发动机，高效沙漠空滤，最大钻孔孔径可达305mm。液压系统采用高压铸铁泵，加宽加厚行走履带板，提升链条采用20A滚子链条，箱式大断面钢制导轨，保证其有足够的强度，一次性可推进2.6米。回转器配备大扭矩回转液压马达，采用高模数直齿大减速比传动，为钻车提供高达6000Nm的回转扭矩，适用大孔径基桩孔施工作业。

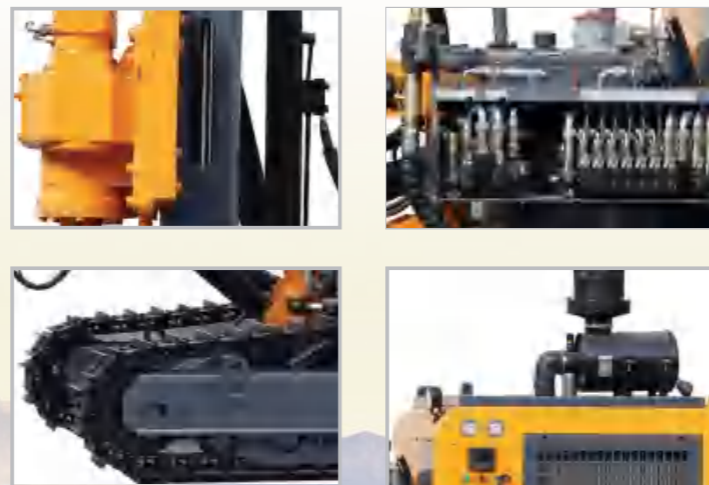
KG300GF photovoltaic drilling rig is a product specially designed for photovoltaic foundation pile holes. It is equipped with 73KW engine, efficient desert-air filter, and the maximum hole diameter can reach 305mm. Hydraulic system adopts high pressure cast iron pump, widened and thickened walking track plate, lifting chain adopts 20A roller chain, box type large section steel guide rail, to ensure that it has enough strength, one time can push 2.6 meters. The gyrator is equipped with large torque of hydraulic rotary motors, and adopts high modulus-straight teeth and large reduction ratio transmission to provide the rotary torque of up to 6000Nm for the drilling rig. It is suitable for the construction of foundation pile holes with large aperture.

KG300GF型光伏潜孔钻车可选配1吨滑架卷扬机，方便使用时吊装钻头钻具冲击器等；在斜坡上使用，可选择使用8吨的车架卷扬机，保证钻车使用时有足够的牵引力。

KG300GF photovoltaic drilling rig can be equipped with 1 ton frame winch for feed(optional), convenient for hoisting drill bit and drilling tool, impact device, etc. When used on large slopes, you can choose to use 8-ton frame winch for rig(optional) to ensure sufficient traction when using the drill rig.

技术参数 / Technical Parameters

钻车型号 / Model of drill rig	KG300GF
整机重量 / Weight of complete machine	6000Kg
外形尺寸 / Outer dimensions	6000×2260×2600mm
凿岩硬度 / Drilling hardness	F=6-20
钻孔孔径 / Drilling diameter	φ115-305mm (标配203) (standard configuration 203mm)
回转转速 / Rotary speed	0-80rpm
最大回转扭矩 / Rotary torque (Max)	≥6000Nm
提升力 / Lifting force	40KN
推进方式 / Method of Feed	油缸+滚子链 / oil cylinder + roller chain
推进行程 / Feed stroke	2680mm
行走速度 / Travelling speed	0-3Km/h
爬坡能力 / Climbing capacity	≤30°
离地间隙 / Ground clearance	325mm
滑架俯仰角度 / Tilt angle of Beam	165°
滑架摆动角度 / Swing angle of boom	左45°右45°共90° / Left: 45°, right: 45°, total: 90°
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28.5°右36.5°共65° / Left: 28.5°, right: 36.5°, total: 65°
履带调平角度 / Leveling angle of track	±10°
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YC4DK100-T304 (73.5KW/2200r/min) / Yuchai YC4DK100-T304 (73.5KW/2200r/min)
冲击器/DTH hammer	5-8吋/5-8" ; (标配6吋 / standard configuration 6")
钻杆 / Drilling rod	φ89×1500mm
耗风量 / Air consumption	15-35m ³ /min
滑架卷扬机 (选配) / Frame winch for feed (optional)	1吨 / 1 ton
车架卷扬机 (选配) / Frame winch for rig (optional)	8吨 / 8 tons



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

柴油移动型螺杆压缩机: KP825-18/21 YC
 KP1200-25 YC
 KM1130-17/23G YC

Diesel engine portable screw air compressor: KP825-18/21 YC
 KP1200-25 YC
 KM1130-17/23G 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

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备注: 图片仅供参考

Pictures for reference only, subject to our available products.