

KG500GF型光伏潜孔钻车

KG500GF Photovoltaic Drilling Rig

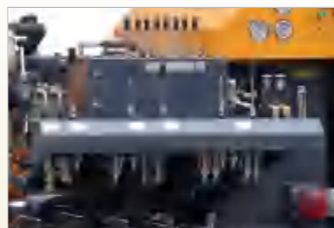
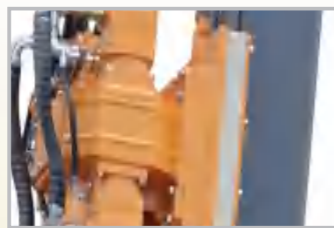


KG500GF型光伏潜孔钻车是专门针对光伏基桩孔而设计的一款产品，其配备有86KW发动机，高效沙漠空滤，最大钻孔孔径可达500mm。液压系统采用高压铸铁泵，加宽加厚行走履带板，提升链条采用28A滚子链条，箱式大断面钢制导轨，保证其有足够的强度，一次性可推进4米。回转器配备四套回转液马达，采用高模数直齿大减速比传动，为钻车提供高达12000Nm的回转扭矩，适用大孔径基桩孔施工作业。

KG500GF photovoltaic drilling rig is a product specially designed for photovoltaic foundation pile holes. It is equipped with 86KW engine, efficient desert-air filter, and the maximum hole diameter can reach 500mm. Hydraulic system adopts high pressure cast iron pump, widened and thickened walking track plate, lifting chain adopts 28A roller chain, box type large section steel guide rail, to ensure that it has enough strength, one time can push 4 meters. The gyrotor is equipped with four sets of hydraulic rotary motors, and adopts high modulus-straight teeth and large reduction ratio transmission to provide the rotary torque of up to 12000Nm for the drilling rig. It is suitable for the construction of foundation pile holes with large aperture.

KG500GF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；在大斜坡上使用时，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。

KG500GF 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.



▲ **KG500GF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	KG500GF
整机重量 /Weight of complete machine	7500Kg
外形尺寸 /Outer dimensions	6680×2450×2710mm
凿岩硬度 /Drilling hardness	F=6-20
钻孔孔径 /Drilling diameter	φ185-500mm
回转转速 /Rotary speed	0-80rpm
最大回转扭矩 /Rotary torque (Max)	≥12000Nm
提升力 /Lifting force	25KN
推进方式 /Method of Feed	马达+滚子链/ motor + roller chain
推进行程 /Feed stroke	4275mm
行走速度 /Travelling speed	0-3Km/h
爬坡能力 /Climbing capacity	≤25°
离地间隙 /Ground clearance	440mm
滑架俯仰角度 /Tilt angle of Beam	165°
滑架摆动角度 /Swing angle of boom	左50°右50°共100°/Left: 50°, right: 50°, total: 100°
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30°右30°共60°/Left: 30°, right: 30°, total: 60°
履带调平角度 /Leveling angle of track	±10°
滑架补偿长度 /Compensation length of beam	1200mm
工作风压 /Air pressure for work	1-2.4MPa
配套动力 /Supporting power	玉柴 DKC9G0 (86KW/2200r/min) / Yuchai DKC9G0 (86KW/2200r/min)
冲击器 /DTH hammer	6-12吋/6-12" ; (标配8吋/ standard configuration 8")
钻杆 /Drilling rod	φ102x1500mm
耗风量 /Air consumption	15-45m 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: KP1400-25 CU
 Diesel engine portable screw air compressor: KP1400-25 CU

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.