

## KG520/KG520H型露天潜孔钻车

### KG520/KG520H Surface DTH Drilling Rig



KG520/KG520H型露天潜孔钻车是应国家对柴油机排放要求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。采用折边履带架和工程四轮一带，履带调平，柱塞行走马达，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。增大回转扭矩和转速，采用推进马达和链条推进提升，提高提升力和可靠性。加大集尘器，提高吸尘效果。罩壳采用加厚型材折边，增加其强度和刚性。增加起吊吊环，方便装卸吊装。

The KG520/KG520H surface DTH drilling rig is an improved device in compliance with national regulations on diesel-engine emissions. Equipped with the Yuchai four-cylinder engine, the drill rig meets national standards for emissions and environment. The folding frame track and four-wheel drive are adopted; and track leveling and the walking motor of plunger piston improve the working pressure and climbing capacity. The expanded pitch and lifting-arm hydraulic cylinder enable it to meet the requirements of limiting position. The rotary torque and revolving speed are raised; the propulsion motor and chain are used to raise the lifting force and reliability. The dust collector is enlarged to produce a better effect on dust collection. The thickened profile folder is used for the housing, thus improving its level of intensity and rigidity; and the additional ring makes handling and lifting convenient.

KG520H型露天潜孔钻车增加集尘器，工作时更环保、可靠。

The KG520H surface DTH drilling rig is equipped with a dust collector, thus making operation more environment-friendly and reliable.



▲ **KG520H型 露天潜孔钻车**  
 KG520H surface DTH drilling rig

#### 技术参数 / Technical Parameters

钻车型号 /Model of drill rig	KG520	KG520H
整机重量 /Weight of complete machine	6500KG	7000KG
外形尺寸 /Outer dimensions	6800×2200×2850mm	6800×2350×2850mm
凿岩硬度 /Drilling hardness	f=6-20	
钻孔孔径 /Drilling diameter	Φ105-152mm	
经济钻深 /Depth of economical drilling	25m	
回转转速 /Rotary speed	0-100rpm	
最大回转扭矩 /Rotary torque (Max)	4000N·m (Max)	
提升力 /Lifting force	25KN	
推进方式 /Method of Feed	马达+滚子链 /Motor+oller chain	
推进行程 /Feed stroke	4150mm	
行走速度 /Travelling speed	0-4km/h	
爬坡能力 /Climbing capacity	≤30°	
离地间隙 /Ground clearance	440mm	
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45°右45°共90°/Left: 45°, right: 45°, total: 90°	
履带调平角度 /Leveling angle of track	±10°	
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	4吋/ 4"	
钻杆 /Drilling rod	Φ76×3m或Φ89×3m/Φ76×3m or Φ89×3m	
耗风量 /Air consumption	15-22m <sup>3</sup> /min	
最高水平孔高度 /Maximum height of horizontal hole	3500mm	
最低水平孔高度 /Minimum height of horizontal hole	350mm	



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