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CRAWLER RIG SERIES



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开山集团



开山重工

2025.11

本公司对产品不断研究改进, 拥有设计变更权, 如样本中的型号及数值更改, 恕不另行通知。
Products subject to constant improvements and changes without prior notice

2025中国矿山工程机械专业化制造商50强
Top 50 specialized construction and mining machinery manufacturer in China in 2025

《潜孔冲击器和潜孔钻头》国家标准起草单位
National standards drafting unit of "DTH hammer and Drill Bits"

《全液压掘进钻车》行业标准起草单位
Drafting Body of Industrial Standards for "Full-hydraulic Drill Rig"

《轮胎式液压掘进钻车》行业标准起草单位
Drafting Body of Industrial Standards for "Wheel-type Hydraulic Drill Rig"

浙江省创新型中小企业
Innovative Small and Medium sized Enterprises in Zhejiang Province

高新技术企业
Hi-tech Enterprise

《履带式露天潜孔钻车》行业标准起草单位
Drafting Body of Industrial Standards for "Track Down-hole Drill Rig for Open Use"

《导轨式液压凿岩机》行业标准起草单位
Drafting Body of Industrial Standards for "Guideway Hydraulic Rock Rill"

《履带式露天液压钻车》行业标准起草单位
Drafting Body of Industrial Standards for "Track Hydraulic Drill Rig for Open Use"

浙江省“专精特新”中小企业
Zhejiang "Specialised, Sophisticated, Unique and Innovative" Small and Medium Enterprises

KAISHANG HEAVY
INDUSTRY PROFILE»
企业介绍



浙江开山重工股份有限公司系开山集团骨干成员公司，其前身创建于1956年，是一家拥有超过60年历史的专业凿岩设备制造企业。

开山集团是浙江省人民政府重点培植的工业行业龙头企业、浙江省首批确定的38家“三名”企业和“雄鹰”计划培育企业。先后被中国机械工业联合会命名为“中国机械工业优秀企业”和“中国机械工业节能减排创新型企业”，连续15年获得“中国工业企业百强企业”称号。在浙江衢州、上海浦东、重庆双桥、广东佛山、湖北宜昌和美国、奥地利、澳大利亚及台中、奥卡拉、孟买、迪拜、华沙、胡志明市等拥有72家子公司、15个制造基地、研发中心和销售中心，产品覆盖国内34个省市区和全球90多个国家和地区。

浙江开山重工股份有限公司系高新技术企业，拥有完整的机械制造体系，精密机械加工及检测设备配套完善。产品有小型手持式气动凿岩机，分体式、一体式全系列露天潜孔钻车，全液压系列掘进钻车、锚杆钻车、撬毛台车和采矿钻车，以及胶管、钎头、冲击器、钻杆、气动工具等，其中地下矿山开采设备全谱系取得国家矿用产品安全标志认证。产品广泛应用于矿石开采、土石方工程和基础建设等领域。先后多次荣获国家、省市级科技奖项，被推荐为替代进口产品。

浙江开山重工股份有限公司拥有四十多项发明专利及实用新型专利，并参与《潜孔冲击器和钻头》国家标准、《全液压掘进钻车》、《履带式露天液压钻车》、《轮胎式液压掘进钻车》、《履带式露天潜孔钻车》、《导轨式液压凿岩机》行业标准的起草和制订，被评为标准化工作先进单位。

以“做一流产品、创一流服务”为经营理念，浙江开山重工股份有限公司致力于成为一家拥有自主知识产权、掌握一流核心技术、从事高端制造的先进装备制造企业。

Founded in 1956, Zhejiang Kaishan Heavy Industry Co., Ltd. is a specialized rock drilling equipment manufacturer with a history of more than 60 years and an important subsidiary of the Kaishan Group.

Kaishan Group is a leading enterprise in the industrial sector with its development as the key focus of the People's Government of Zhejiang Province, one of the first batch of the thirty-eight "All Famous" enterprises and the focus enterprise in the "Eagle" plan of Zhejiang Province. It is named as "Outstanding Enterprise in China Machinery Industry" and then "Innovative Machinery Industry Enterprise of Energy Saving and Emission Reduction of China" by China Machinery Industry Federation, and has been selected as one of the "Top 100 Industrial Enterprises of China" for 15 consecutive years. It has 72 subsidiaries, 15 manufacturing bases, R&D centers and sales centers in China (including Quzhou, Zhejiang; Pudong, Shanghai; Shuangqiao, Chongqing; Foshan, Guangdong; Yichang, Hubei; Taichung, Taiwan), USA, Austria, Australia, Ocala, Bombay, UAE (Dubai), Poland (Warsaw) and Vietnam (Ho Chi Minh City), with its products covering 34 provinces and cities in China and more than 90 countries and regions around the world.

Zhejiang Kaishan Heavy Industry Co., Ltd. is a high-tech enterprise with the complete machinery manufacturing system and the whole set of precision machining and testing equipment. Its products include small hand-held pneumatic rock drills, full series of split-type and integrated open-air DTH Drill Rigs, full hydraulic series of Tunneling Jumbos, Anchor Drilling Rigs, Scaling Rigs and Mining Drill Rigs, as well as rubber hoses, drill bits, impactors, drill pipes, pneumatic tools, etc. Among them, the full spectrum of the underground mining equipment has been certified with the national mining product safety mark. The products are widely used in the fields of mining, earthwork construction, infrastructure, etc. and have won national, provincial and municipal science and technology awards for many times, recommended as import product substitutes.

Zhejiang Kaishan Heavy Industry Co., Ltd. has more than 40 invention patents and new practical product patents. It was involved in the drafting and formulation of the national standards of DTH Impactors and Drill Bits, Full-Hydraulic Drilling Rig, Crawler-Type Open-Air Hydraulic Drilling Rig, Tire Type Hydraulic Drilling Rig, Crawler-Type Open-Air DTH Drilling Rig and Guide Rail Hydraulic Rock Drills, recognized as a leading corporation of standardization.

Guided by the business ideology of "Deliver First Class Product and Service", Zhejiang Kaishan Heavy Industry Co., Ltd. is committed to becoming an advanced equipment manufacturing enterprise with independent intellectual property rights, first-class core technology and high-end manufacturing.



品质开山 行业典范

Kaishan's quality - setting the standard for the industry



开山重工服务网点遍及全国各省市，产品销往世界60多个国家和地区。在矿山井下、隧道工程、高海拔地区等恶劣工况条件下，开山钻车以其稳定可靠、节能高效以及环境适应性强等特点受到众多海内外客户的青睐与好评。

In addition to the service network operating across cities, regions, and provinces in China, Kaishan Heavy Industry markets its products to more than 60 countries and regions in the global market. Despite severely adverse conditions, including underground mining operations, tunnel engineering, and high altitude operations, Kaishan Heavy Industry's drilling trucks demonstrate such favorable features as strong stability, reliability, energy-efficient performance, and environmental adaptation, which attracts attention from overseas clients.



KT15i型智能露天潜孔钻车（露天凿岩机器人）

KT15i Intelligent Surface DTH Drilling Rig(Open-pit Drilling Robot)

CE

KT15i型智能露天潜孔钻车（露天凿岩机器人）主要用于露天矿山、石方工程和工程建设中钻凿爆破孔。该机具备精准定位和全自动钻孔功能，是一款高度智能化的钻凿设备，可满足智能化矿山建设要求。

The KT15i intelligent surface DTH drilling rig(open-pit drilling robot) is primarily utilized for drilling blasting holes in open-pit mining operations, stone quarries, and various engineering construction projects. with accurate positioning and automatic drilling functions, it is a highly intelligent drilling equipment which meets the requirements of intelligent mine construction.

- 车体精准定位。基于RTK测量技术，可精准确定钻孔位置，定位误差小于10cm，远高于露天爆破要求。

● Precise positioning of the rig. Based on RTK measurement technology, the drilling position can be accurately determined with a positioning error of less than 10cm, which surpasses the accuracy requirements for open blasting by a significant margin.

● 钻孔辅助系统。根据导入的钻孔坐标文件，自动调节推进梁位置和钻孔角度，确保钻孔位置及角度符合矿山要求。

● Drilling auxiliary system. Utilizing the imported drilling coordinate file, the system automatically adjusts the position of the propulsive beam and the drilling angle to guarantee that the drilling position and orientation comply with the mine's specifications.

● 自动钻孔系统。具备自动钻孔模式，根据岩层结构自动调节开孔和钻孔参数，实现高效凿岩和防卡钻等功能，自动完成钻进、提升、接卸杆等全套钻孔流程，直至达到预定孔深；

● Automatic drilling system. With automatic drilling mode, automatic adjustment of opening and drilling parameters according to the rock structure, it can achieve efficient drilling and anti-stuck drilling functions and automatic completion of drilling, lifting, unloading rod and other drilling processes until the predetermined hole depth.

- 数据处理系统。自动收集与传输钻孔数据，形成钻孔过程数据数据库，具备随钻测量系统，随钻岩性采集系统。

● Data processing system. The rig automatically collects and transmits drilling data to form a database of drilling process data, and it is equipped with a follow-drill measurement and a follow-drill lithology acquisition system.

● 远程遥控系统。在网络条件较好的矿山，可联网办公控制室，实现远程操作，一人可操作多机，主要用于远程遥控行走，减少甚至取消钻孔现场作业人员。

● Remote control system. In the mine with good network conditions, the control room can be networked to achieve remote operation, and one person can operate multiple machines, which is mainly used for remote control walking, reducing or even eliminating on-site personnel for drilling operations.



技术参数 / Technical Parameters

运输尺寸（长*宽*高） /Transport dimensions (LxWxH)	11050*2780*3600/3800mm
重量 /Weight	25090 Kg
岩石硬度 /Rock hardness	f=6-20
钻孔直径 /Drilling diameter	140-190 mm
经济钻孔深度 /Depth of economical drilling	36 m
容杆数量 /Number of rods	8+1
钻杆规格 /Specifications of drilling rod	Φ89×4000 mm
离地间隙 /Ground clearance	430 mm
履带调平角度 /Leveling angle of track	±10°
行驶速度 /Travelling speed	0-3 Km/h
爬坡能力 /Climbing capacity	25°
牵引力 /Traction	140 KN
钻臂举升 /Lifting angle of drill boom	向上50°向下20°/ Up 50°, down 20°
钻臂摆角 /Swing angle of drill boom	向右45°向左15°/Right 45°, left 15°
滑架摆角 /Swing angle of carriage	向右33°向左98°/Right 33°, left 98°
滑架俯仰角 /Tilt angle of beam	125°
车架调平角度 /Leveling angle of frame	向上10°向下10°/ Up 10°, down 10°
补偿行程 /Compensation stroke	1500 mm
推进机行程 /Feed stroke	4580 mm
最大推进力 /Maximum propelling force	65 KN
推进方式 /Method of propulsion	马达 + 滚子链/Motor+Roller chain
最大回转扭矩 /Rotary torque (Max)	4100 N.m
转速 /Rotation speed	0-100 rpm
发动机 /Engine	康明斯L9CS4 430C/Cummins L9CS4 430C
额定功率 /Power	316 kW
额定转速 /Revolving speed of gyrator	2100 r/min
螺杆式空压机 /Screw air compressor	开山SKY11HG165-A
排量/Capacity of air compressor	22 m³/min
压力/Air pressure	24 bar
冲击器 /DTH hammer	K4、K5、K6
行驶控制系统 /Traveling control system	液压+电控 /Hydraulic+Electronic Control
钻孔控制系统 /Drilling control system	液压+电控 /Hydraulic+Electronic Control
过滤精度 /Filter fineness	10 μm
冷却能力 /Cooling capacity	环温 -30℃-45℃/Ambient temperature -30℃-45℃
电压 /Voltage	24V 直流/DC24V
除尘方式 /Method of dust removal	干式/Dry
接杆方式 /Method of extension rod	自动接卸杆 /Automatic unloading rod
防卡 /Anti-jamming	电液控制防卡 /Electro-hydraulic control anti-sticking
钻杆螺纹润滑方式 /Method of drilling rod lubrication	自动喷油润滑 /Automatic oil injection and lubrication
钻杆螺纹保护 /Protection of thread of drilling rod	配有浮动接头保护钻杆螺纹 Equipped with the floating joint to protect the thread of drilling rod
安全驾驶室 /Safe cab	符合防落石&防滚翻标准/Meet the requirements of FOPS&ROPS

KG726III/KG726HIII型露天潜孔钻车

KG726III/KG726HIII Surface DTH Drilling Rig



KG726III/KG726HIII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。配备有玉柴非道路四缸发动机，满足国家对排放和环保的要求。采用柱塞行走马达，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。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 KG726III/KG726HIII surface DTH drilling rig is an improved device in compliance with national regulations on environmental protection. Equipped with the Yuchai engine, the drill rig meets national standards for emissions and environment. The tramming 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.

KG726HIII型露天潜孔钻车增加集尘器，工作时更环保、可靠。

The KG726HIII surface DTH drilling rig is equipped with a dust collector, thus making operation more environment-friendly and reliable.



▲ **KG726HIII型 露天潜孔钻车**
KG726HIII surface DTH drilling rig

技术参数 / Technical Parameters

钻车型号 /Model of drill rig	KG726III	KG726HIII
整机重量 /Weight of complete machine	4200KG	4400KG
外形尺寸 /Outer dimensions	5600×2400×2300mm	5600×2600×2300mm
凿岩硬度 /Drilling hardness	f=6-20	
钻孔孔径 /Drilling diameter	Φ90-115mm	
经济钻深 /Depth of economical drilling	25m	
回转转速 /Rotary speed	0-120rpm	
最大回转扭矩 /Rotary torque (Max)	2000N·m (Max)	
提升力 /Lifting force	18KN	
推进方式 /Method of Feed	油缸+板式链 /Oil cylinder+eaf chain	
推进行程 /Feed stroke	3780mm	
行走速度 /Travelling speed	0-2.5km/h	
爬坡能力 /Climbing capacity	≤30°	
离地间隙 /Ground clearance	350mm	
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 beam	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	10-17m³/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	
集尘器 /dust collector	标配 QZA-90 (8滤芯) standard configuration QZA-90 (8 filter element)	
	选配QZA-120 (12滤芯) alternative configurationQZA-120 (12 filter element)	

备注：当集尘机型钻孔孔径超过Φ90mm，集尘器必须升级加大。

Note: When the hole diameter of the dust collector exceeds 90mm,the dust collector must be upgraded and enlarged.



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

柴油移动型螺杆压缩机：KSCY425-10

KSCY180-15.5(国二)

LGCY17/18-18/15T

Diesel engine portable screw air compressor: KSCY425-10

KSCY180-15.5(国二)

LGCY17/18-18/15T

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 dimameter and air hose length

备注：图片仅供参考

Pictures for reference only,subject to our available products.

KG420B/KG420BH型露天潜孔钻车

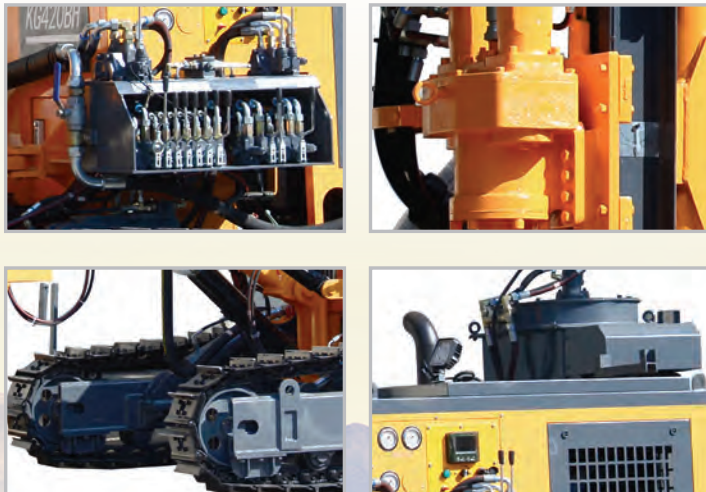
KG420B/KG420BH Surface DTH Drilling Rig

KG420B/KG420BH型露天潜孔钻车是应国家对柴油机排放要求进行升级改进的一款设备。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，增加履带调平，柱塞行走马达，提高工作压力，增大回转扭矩和转速，加大提升油缸和链条，提高提升力和可靠性。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 KG420B/KG420BH 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; Add track leveling cylinders and the plunger piston tramming motor improves the working pressure and increase the rotary torque and revolving speed; and the lifting oil cylinder and chain are expanded to promote the lifting force and reliability. 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.

KG420BH型露天潜孔钻车增加集尘器，工作时更环保、可靠。

The KG420BH surface DTH drilling rig is equipped with a dust collector, thus making operation more environment-friendly and reliable.



▲ **KG420BH型 露天潜孔钻车**
KG420BH surface DTH drilling rig



技术参数 / Technical Parameters

钻车型号 /Model of drill rig	KG420B	KG420BH
整机重量 /Weight of complete machine	4150KG	4350KG
外形尺寸 /Outer dimensions	5500×2250×2350mm	5600×2450×2350mm
凿岩硬度 /Drilling hardness	f=6-20	
钻孔孔径 /Drilling diameter	Φ90-130mm	
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)	2000N·m (Max)	
提升力 /Lifting force	25KN	
推进方式 /Method of Feed	油缸+板式链 /Oil cylinder+eaf chain	
推进行程 /Feed stroke	3780mm	
行走速度 /Travelling speed	0-2.5km/h	
爬坡能力 /Climbing capacity	≤30°	
离地间隙 /Ground clearance	280mm	
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 beam	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°	
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YC4DK80-T302 (58 KW / 2200r/min) /Yuchai YC4DK80-T302 (58 KW / 2200r/min)	
冲击器 /DTH hammer	3吋、4吋/3″、4″	
钻杆 /Drilling rod	Φ64×3m或Φ76×3m	
耗风量 /Air consumption	10-17m³/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	
集尘器 /dust collector	标配 QZA-90 (8滤芯) standard configuration QZA-90 (8 filter element)	
	选配QZA-120 (12滤芯) alternative configurationQZA-120 (12 filter element)	

备注：当集尘机型钻孔孔径超过Φ90mm，集尘器必须升级加大。

Note: When the hole diameter of the dust collector exceeds 90mm,the dust collector must be upgraded and enlarged.



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

柴油移动型螺杆压缩机： KSCY550-13
KSCY570/12-550/15
LGCY17/18-18/15T

Diesel engine portable screw air compressor: KSCY550-13
KSCY570/12-550/15
LGCY17/18-18/15T

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 dimameter and air hose length

KG420S/KG420SH型露天潜孔钻车

KG420S/KG420SH Surface DTH Drilling Rig



KG420S/KG420SH型露天潜孔钻车是应国家对柴油机排放要求进行升级改进的一款设备。该款钻车配备柴油机和电动机两种独立的系统，可分开操作。采用折边履带架和工程四轮一带，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。采用双马达回转，增大回转扭矩和转速，加大提升油缸和链条，提高提升力和可靠性。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 KG420S/KG420SH surface DTH drilling rig is an improved device in compliance with national regulations on diesel-engine emissions. The drill rig is equipped with the two independent systems, namely diesel engine and motor, capable of separate operations. The folding frame track, four-wheel drive and the tramming 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 on limiting position. The double rotation motor increases the rotary torque and revolving speed; and the lifting hydraulic cylinder and chain are expanded to promote the lifting force and reliability. 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.

KG420SH型露天潜孔钻车增加集尘器，工作时更环保、可靠。

The KG420SH surface DTH drilling rig is equipped with a dust collector, thus making operation more environment-friendly and reliable.



▲ **KG420SH型 露天潜孔钻车**
KG420SH surface DTH drilling rig

技术参数 / Technical Parameters

钻车型号 /Model of drill rig	KG420S	KG420SH
整机重量 /Weight of complete machine	5800KG	6100KG
外形尺寸 /Outer dimensions	6400×2250×2700mm	6400×2420×2700mm
凿岩硬度 /Drilling hardness	f=6-20	
钻孔孔径 /Drilling diameter	Φ90-152mm	
经济钻深 /Depth of economical drilling	25m	
回转转速 /Rotary speed	0-90rpm	
最大回转扭矩 /Rotary torque (Max)	5000N·m (Max)	
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	3175mm	
行走速度 /Travelling speed	0-2.5km/h	
爬坡能力 /Climbing capacity	≤30°	
离地间隙 /Ground clearance	290mm	
滑架俯仰角度 /Tilt angle of beam	俯110°仰35°共145°/Down: 110°, up: 35°, total: 145°	
滑架摆动角度 /Swing angle of beam	左91°右5°共96°/Left: 91°, right: 5°, total: 96°	
钻臂俯仰角度 /Pitch angle of drill boom	俯55°仰15°共70°/Down: 55°, up: 15°, total: 70°	
钻臂摆动角度 /Swing angle of drill boom	左32°右32°共64°/Left: 32°, right: 32°, total: 64°	
滑架补偿长度 /Compensation length of beam	970mm	
配套动力 /Supporting power	玉柴YC4DK80-T302 (58KW/2200r/min) /Yuchai YC4DK80-T302 (58KW/2200r/min) 电动机 YE3-250M-4 (55kw/1460r/min) /MotorYE3-250M-4 (55kw/1460r/min)	
冲击器 /DTH hammer	4吋/4 〃	
钻杆 /Drilling rod	Φ76×2m +Φ76×3m	
耗风量 /Air consumption	13-20m³/min	
最高水平孔高度 /Maximum height of horizontal hole	2850mm	
最低水平孔高度 /Minimum height of horizontal hole	350mm	
集尘器 /dust collector	标配 QZA-120 (12滤芯) standard configuration QZA-120 (12 filter element)	
	选配QZA-140 (16滤芯) alternative configurationQZA-140 (16 filter element)	

备注：当集尘机型钻孔孔径超过Φ130mm，集尘器必须升级加大。

Note: When the hole diameter of the dust collector exceeds 130mm,the dust collector must be upgraded and enlarged.



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

柴油移动型螺杆压缩机： KSCY570/12-550/15
LGCY17/18-18/15T
KSCY650/20-700/17T

Diesel engine portable screw air compressor: KSCY570/12-550/15
LGCY17/18-18/15T
KSCY650/20-700/17T

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 dimameter and air hose length

KG420T/KG420TH型露天潜孔钻车

KG420T/KG420TH Surface DTH Drilling Rig



KG420T/KG420TH型露天潜孔钻车是应国家对柴油机排放要求进行升级改进的一款设备。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，增加履带调平，柱塞行走马达，提高工作压力，增大回转扭矩和转速，加大提升油缸和链条，提高提升力和可靠性。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 KG420T/KG420TH 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; Add track leveling cylinders and the plunger piston tramming motor improves the working pressure and increase the rotary torque and revolving speed; and the lifting oil cylinder and chain are expanded to promote the lifting force and reliability. 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.

KG420TH型露天潜孔钻车增加集尘器，工作时更环保、可靠。

The KG420TH surface DTH drilling rig is equipped with a dust collector, thus making operation more environment-friendly and reliable.



▲ **KG420TH型 露天潜孔钻车**
KG420TH surface DTH drilling rig

技术参数 / Technical Parameters

钻车型号 /Model of drill rig	KG420T	KG420TH
整机重量 /Weight of complete machine	5050KG	5350KG
外形尺寸 /Outer dimensions	5300×2250×2400mm	5300×2450×2400mm
凿岩硬度 /Drilling hardness	f=6-20	
钻孔孔径 /Drilling diameter	Φ90-152mm	
经济钻深 /Depth of economical drilling	25m	
回转转速 /Rotary speed	0-90rpm	
最大回转扭矩 /Rotary torque (Max)	3500N·m (Max)	
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	3175mm	
行走速度 /Travelling speed	0-2.5km/h	
爬坡能力 /Climbing capacity	≤30°	
离地间隙 /Ground clearance	280mm	
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 beam	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°	
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YC4DK80-T302 (58 KW / 2200r/min)KG420T /Yuchai YC4DK80-T302 (58 KW / 2200r/min)KG420T 玉柴YC4DK100-T304 (73.5 KW / 2200r/min)KG420TH /Yuchai YC4DK100-T304 (73.5 KW / 2200r/min)KG420TH	
冲击器 /DTH hammer	4吋/4 "	
钻杆 /Drilling rod	Φ76×2m+Φ76×3m	
耗风量 /Air consumption	13-20m³/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	
集尘器 /dust collector	标配 QZA-120 (12滤芯) standard configuration QZA-120 (12 filter element)	
	选配QZA-140 (16滤芯) alternative configurationQZA-140 (16 filter element)	

备注：当集尘机型钻孔孔径超过Φ130mm，集尘器必须升级加大。

Note: When the hole diameter of the dust collector exceeds 130mm,the dust collector must be upgraded and enlarged.



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

柴油移动型螺杆压缩机： KSCY570/12-550/15
LG CY17/18-18/15T
KSCY650/20-700/17T

Diesel engine portable screw air compressor: KSCY570/12-550/15
LG CY17/18-18/15T
KSCY650/20-700/17T

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

KG430/KG430H型露天潜孔钻车

KG430/KG430H Surface DTH Drilling Rig



KG430/KG430H型露天潜孔钻车是应国家对柴油机排放要求进行升级改造的一款设备。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，增加履带调平，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。采用双马达回转，增大回转扭矩和转速，加大提升油缸和链条，提高提升力和可靠性。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 KG430/KG430H 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, four-wheel drive are adopted; and track leveling and the tramming 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 double rotation motor increases the rotary torque and revolving speed; and the lifting hydraulic cylinder and chain are expanded to promote the lifting force and reliability. 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.

KG430H型露天潜孔钻车增加集尘器，工作时更环保、可靠。

The KG430H surface DTH drilling rig is equipped with a dust collector, thus making operation more environment-friendly and reliable.



▲ **KG430H型 露天潜孔钻车**
KG430H surface DTH drilling rig

技术参数 / Technical Parameters

钻车型号 /Model of drill rig	KG430	KG430H
整机重量 /Weight of complete machine	5250KG	5700KG
外形尺寸 /Outer dimensions	6300×2250×2700mm	6300×2400×2700mm
凿岩硬度 /Drilling hardness	f=6-20	
钻孔孔径 /Drilling diameter	Φ90-152mm	
经济钻深 /Depth of economical drilling	25m	
回转转速 /Rotary speed	0-90rpm	
最大回转扭矩 /Rotary torque (Max)	5000N·m (Max)	
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	3175mm	
行走速度 /Travelling speed	0-2.5km/h	
爬坡能力 /Climbing capacity	≤30°	
离地间隙 /Ground clearance	290mm	
滑架俯仰角度 /Tilt angle of beam	俯110°仰35°共145°/Down: 110°, up: 35°, total: 145°	
滑架摆动角度 /Swing angle of beam	左91°右5°共96°/Left: 91°, right: 5°, total: 96°	
钻臂俯仰角度 /Pitch angle of drill boom	俯55°仰15°共70°/Down: 55°, up: 15°, total: 70°	
钻臂摆动角度 /Swing angle of drill boom	左32°右32°共64°/Left: 32°, right: 32°, total: 64°	
履带调平角度 /Leveling angle of track	±10°	
滑架补偿长度 /Compensation length of beam	970mm	
配套动力 /Supporting power	玉柴YC4DK80-T302 (58KW/2200r/min) KG430 /Yuchai YC4DK80-T302 (58KW/2200r/min) KG430 玉柴YC4DK100-T304 (73KW/2200r/min) KG430H /Yuchai YC4DK100-T304 (73KW/2200r/min) KG430H	
冲击器 /DTH hammer	4吋/4″	
钻杆 /Drilling rod	Φ76×2m+Φ76×3m	
耗风量 /Air consumption	13-20m³/min	
最高水平孔高度 /Maximum height of horizontal hole	2850mm	
最低水平孔高度 /Minimum height of horizontal hole	350mm	
集尘器 /dust collector	标配 QZA-120 (12滤芯) standard configuration QZA-120 (12 filter element)	
	选配QZA-140 (16滤芯) alternative configurationQZA-140 (16 filter element)	

备注：当集尘机型钻孔孔径超过Φ130mm，集尘器必须升级加大。

Note: When the hole diameter of the dust collector exceeds 130mm,the dust collector must be upgraded and enlarged.



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

柴油移动型螺杆压缩机： KSCY650/20-700/17T
KSCY310/22
KSCY750/20-800/17T

Diesel engine portable screw air compressor: KSCY650/20-700/17T
KSCY310/22
KSCY750/20-800/17T

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 dimameter and air hose length

KG520/KG520H型露天潜孔钻车

KG520/KG520H Surface DTH Drilling Rig

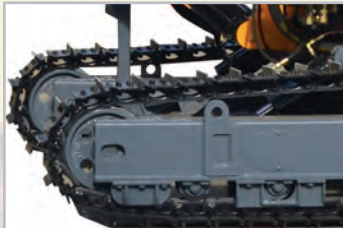


KG520/KG520H型露天潜孔钻车是应国家对柴油机排放要求进行升级的一款设备。配备有玉柴非道路四缸发动机，满足国家对排放和环保的要求。采用折边履带架和工程四轮一带，履带调平，柱塞行走马达，提高工作压力，增加其爬坡性能。增大俯仰和举臂油缸，满足其极限位置使用要求。增大回转扭矩和转速，采用推进马达和链条推进提升，提高提升力和可靠性。加大集尘器，提高吸尘效果。罩壳采用加厚型材折边，增加其强度和刚性。增加起吊吊环，方便装卸吊装。

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 beam	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	15-22m³/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

柴油移动型螺杆压缩机： KSCY310/22
KSCY750/20-800/17T
LGCY19/21-21/18

Diesel engine portable screw air compressor: KSCY310/22
KSCY750/20-800/17T
LGCY19/21-21/18

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 dimameter and air hose length

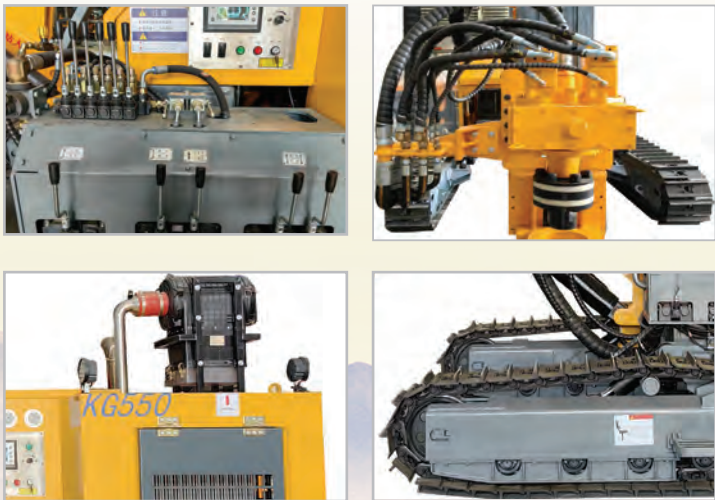
KG550型露天潜孔钻车

KG550 Surface DTH Drilling Rig



KG550型露天潜孔钻车配备有玉柴四缸发动机，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，履带调平，加强型柱塞行走马达，提高工作压力，增加其爬坡性能。滑板压条采用耐磨材料，保证滑架使用寿命；大减速比的双马达回转器为钻车提供高达4000Nm以上的回转扭矩,推进马达配套24A滚子链条推进，大大提升了钻孔操纵的可靠性，同时对液压系统进行升级，采用高耐压大排量铸铁齿轮泵，保证产品质量，同时具有使用寿命长、产品性能稳定的优势；车架部件优化布局，大大增加了内部空间，罩壳采用加厚型材，多面开门，方便维护保养。该机可广泛使用在较大孔径光伏基桩、水电工程、露天采矿、道路修建，隧道修建等施工工地钻凿爆破孔作业。

The KG550 surface DTH drilling rig is equipped with a Yuchai four-cylinder engine and an integrated controller for real-time monitoring of operational parameters. The folding frame track and four-wheel drive are adopted, the track leveling and the enhanced piston walking motor improve the working pressure and climbing capacity. Wear-resistant materials are used in the sliding pressure strip to ensure the service life of the frame. The double motor rotary head with a large reduction ratio provides a rotary torque of over 4000 Nm for the rig. And the cylinder is equipped with a 20A roller chain for propulsion, significantly enhancing the reliability of the drilling operation. Additionally, the hydraulic system has been upgraded with high-strength and large-displacement cast iron gear pumps to ensure product quality and offer advantages such as long service life and stable performance. The frame components are optimally arranged, significantly increasing the internal space. The housing is made of thickened profile folder, and the rig is with multiple access doors for convenient maintenance and servicing. This drilling rig can be widely used in the drilling and blasting operations of large-diameter photovoltaic foundation piles, hydropower projects, open-pit mining, road construction, tunnel construction and other construction sites.



▲ KG550型 露天潜孔钻车
KG550 surface DTH drilling rig

技术参数 / Technical Parameters

钻车型号 /Model of drill rig	KG550
整机重量 /Weight of complete machine	6200KG
外形尺寸 /Outer dimensions	6500×2350×2400 mm
凿岩硬度 /Drilling hardness	f=6-20
钻孔孔径 /Drilling diameter	φ115-254 mm
回转转速 /Rotary speed	0-110rpm
最大回转扭矩 /Rotary torque (Max)	4000N·m (Max)
提升力 /Lifting force	20KN
推进方式 /Method of Feed	马达+24A滚子链/Motor+24Aoller chain
推进行程 /Feed stroke	3820mm
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	俯135°仰50°共185°/Down: 135°, up: 50°, total: 185°
滑架摆动角度 /Swing angle of beam	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26°右24.5°共50.5°/Left: 26°, right: 24.5°, total: 50.5°
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	玉柴股份DKC2G3 (73.5KW/2200Rpm) /Yuchai DKC2G3 (73.5KW/2200Rpm)
冲击器 /DTH hammer	K4、K5、K6、K8
钻杆 /Drilling rod	φ76/φ89/φ102
耗风量 /Air consumption	15-35m³/min
配套缓冲器 /Matching rotary buffer	FH32
集尘器（选配）/Dust collector(optional)	QZA-140（16滤芯）/ QZA-160（20滤芯）



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

柴油移动型螺杆压缩机： KSCY650/20-700/17T
LGCY19/21-21/18
LGCY21/21-23/18
Diesel engine portable screw air compressor: KSCY650/20-700/17T
LGCY19/21-21/18
LGCY21/21-23/18

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 dimameter and air hose length

KG940A/KG940AH型露天潜孔钻车

KG940A/KG940AH Surface DTH Drilling Rig

KG940A/KG940AH型露天潜孔钻车结构全面优化，钻孔效率更高，操纵更便捷。该钻车以柴油机为动力，柴油机通过传动箱带动液压泵产生压力油，以此来驱动回转器、推进机构、行走驱动装置和液压油缸完成各种动作。钻车具有节能高效、安全环保、维护方便等特点，可广泛适用于露天采矿、水电工程、道路修建、基坑锚固、隧道施工、光伏基桩等施工工地钻凿孔作业。

The structure of the KG940A/KG940AH Surface DTH Drilling Rig has been comprehensively optimized, offering higher drilling efficiency and more convenient operation. This drilling rig is powered by a diesel engine, which drives the hydraulic pump through the transmission box to generate pressure oil, thereby driving the rotary head, the advancing mechanism, the traveling drive system and the hydraulic cylinders to perform various actions.It is typical of energy conservation,efficiency,safety,environmental and easy maintenance. And it can be widely applied in open-pit mining, hydropower projects, road construction, foundation anchoring, tunnel construction, photovoltaic pile driving and other construction sites for drilling operations.

●**底盘** KG940/KG940AH 车架为整体式设计，采用整体车架主梁安装车架转轴，结构强度更高；车架上整体布局更合理，重心降低稳定性更高，钻机重心前移，打大孔时更能压得住冲击器的反冲击；车架体的浮动角度增大到±10°范围，浮动角度范围大对坡度的适应性更强；履带架总成采用折边设计，外观好结构强度高，五个支重轮设计，无论在行走时还是在钻孔时稳定性更强，原装进口双速柱塞行走马达，爬坡力强，可快慢切换移机便捷高效。加装整体式履带防脱链挡板，防止脱轨。

●**Chassis** The frame of the KG940/KG940AH Surface DTH Drilling Rig is designed as an integral structure, with the frame main beam installed with the frame shaft as a whole, providing higher structural strength. The overall layout on the frame is more reasonable, with a lower center of gravity and higher stability. The center of gravity of the drilling rig has moved forward, which can better withstand the counter-impact of the impactor when drilling large holes. The floating angle of the frame body has been increased to ±10°, providing better adaptability to slopes. The track frame assembly adopts a folded edge design, with a good appearance and high structural strength. Five supporting wheels are designed, ensuring higher stability both during traveling and drilling. The original imported double-speed piston traveling motor has strong climbing power and can be switched between fast and slow speeds for convenient and efficient machine movement. An integral track anti-disengagement guard plate is added to prevent derailment.

●**动力部件** 进口液压油泵，耐压高，排量大，质量可靠实使用寿命长。玉柴四缸发动机动力强劲，维护保养便捷，整体式空滤清灰方便，确保发动机所需的清洁空气及时保障。

●**Power Components** The imported hydraulic oil pump has high pressure resistance, large displacement, reliable quality and long service life. The Yuchai four-cylinder engine is powerful, easy to maintain and service. The integrated air filter is convenient to clean, ensuring the timely supply of clean air required by the engine.



▲ **KG940AH型 露天潜孔钻车**
KG940AH surface DTH drilling rig

技术参数 / Technical Parameters

钻车型号 /Model of drill rig	KG940A	KG940AH
整机重量 /Weight of complete machine	6450 KG	6900 KG
外形尺寸 /Outer dimensions	6150×2260×2600 mm	6500×2260×2600 mm
凿岩硬度 /Drilling hardness	F=6-20	
钻孔孔径 /Drilling diameter	φ105-203 mm	
回转转速 /Rotary speed	0-65（0-130）rpm工作转速/0-65（0-130）rpm Working speed	
最大回转扭矩 /Rotary torque（Max）	≥3200（250马达）N·m/ ≥3200（250 motor）N·m	
提升力 /Lifting force	30 KN	
推进方式 /Method of Feed	油缸+24B滚子链/Oil cylinder+roller chain	
推进行程 /Feed stroke	3800 mm	
行走速度 /Travelling speed	0-3 km/h	
爬坡能力 /Climbing capacity	≤30°	
离地间隙 /Ground clearance	320 mm	
滑架俯仰角度 /Tilt angle of beam	俯135° 仰50 °/Down135° up50°	
滑架摆动角度 /Swing angle of beam	左45°右45°/ Left45° right45°	
钻臂俯仰角度 /Pitch angle of drill boom	俯50°仰25°/ Down50° up25°	
钻臂摆动角度 /Swing angle of drill boom	左45°右45° /Left45° right45°	
履带调平角度 /Leveling angle of track	±10°	
滑架补偿长度 /Compensation length of beam	1200 mm	
配套动力 /Supporting power	玉柴DKC2G3（73.5 kW/2200 r/min）	
冲击器 /DTH hammer	3-6寸/3-6 "	
钻杆 /Drilling rod	φ76×3000 mm	
耗风量 /Air consumption	15-26 m³/min	
配套集尘器 /Dust collector	无	12滤芯/12 filter element

●**回转系统** 新款双马达回转器，选用进口回转马达回转扭矩大，可靠耐用，配套切换阀可实现回转速度双速调节，以便钻机在不同工况孔径需求。配套缓冲器减震，大大提高了回转器使用寿命。高强度锰钢导轨配套整体式耐磨压板，不需额外润滑，使用维护更方便，24B滚子链条配套油缸推进提升，提升力大，结实耐用。

●**Rotary System** The new dual-motor rotary head is equipped with imported rotary motors, providing large rotary torque and reliable durability. The matching switching valve enables dual-speed adjustment of the rotary speed to meet the requirements of different hole diameters in various working conditions. The buffer is equipped to reduce shock, significantly extending the service life of the rotary head. High-strength manganese steel guide rails are matched with integral wear-resistant pressure plates, eliminating the need for additional lubrication and making maintenance more convenient. The 24B roller chain is matched with the cylinder for advancing and lifting, providing a large lifting force and being sturdy and durable.

●**液压系统** 液压系统选用国内一线品牌液压阀组及油缸，配置进口高效液压泵，进口液压胶管并且液压阀通径都做了增大设计，液压系统整体性能提升显著，独立双速行走操纵系统视野好，操纵安全，一体式仪表实时监控钻车运行状态。

●**Hydraulic System** The hydraulic system is equipped with first-class domestic brand hydraulic valve groups and cylinders, and is configured with imported high-efficiency hydraulic pumps and imported hydraulic hoses. The diameters of the hydraulic valves have been enlarged, significantly enhancing the overall performance of the hydraulic system. The independent dual-speed walking control system offers a good field of vision and safe operation. The integrated instrument panel can monitor the running status of the drilling vehicle in real time.

●**钻臂部件** 多角度加长型钻臂结构，钻孔覆盖范围广，可竖直，左右扇形，高低位水平等多角度钻孔，结构强度高，耐用性极佳。

●**Drill Arm Components** The multi-angle extended drill arm structure has a wide drilling coverage range. It can drill vertically, in left and right fan shapes, and at high and low horizontal positions. The structure is of high strength and excellent durability.

KQLG-115型矿用潜孔钻机

KQLG-115 DTH Mining Drilling Rig



KQLG-115 型矿用潜孔钻机配套柴、电双动力，双马达回转，具备多功能多角度钻臂结构，适用于地下采矿、工程施工、隧道掘进等项目中钻凿垂直、倾斜和水平的爆破孔和探水孔作业。

KQLG-115 DTH mining drilling rig features dual-power diesel/electric operation and dual-motor rotation. It is equipped with a multi-functional and multi-angle drill arm structure and suitable for drilling vertical, inclined, and horizontal blast holes and water detection holes in underground mining, construction projects, and tunnel excavation.



技术参数 / Technical Parameters

钻车型号 / Model of drill rig	KQLG-115
整机重量 / Weight of complete machine	6450 KG
外形尺寸 / Outer dimensions	7300×2420×2700 mm
凿岩硬度 / Drilling hardness	f=6-20
钻孔孔径 / Drilling diameter	Φ90-152 mm
经济钻深 / Depth of economical drilling	25 m
回转转速 / Rotary speed	0-90 rpm
最大回转扭矩 / Rotary torque (Max)	5000 N·m (Max)
提升力 / Lifting force	40 KN
行走速度 / Travelling speed	0-2.5 km/h
爬坡能力 / Climbing capacity	≤30°
离地间隙 / Ground clearance	290 mm
滑架俯仰角度 / Tilt angle of beam	俯135°仰135°共270°/Down: 135°, up: 50°, total: 270°
滑架摆动角度 / Swing angle of beam	左180°右180°共360°/Left: 180°, right: 180°, total: 360°
钻臂俯仰角度 / Pitch angle of drill boom	俯42°仰25°共67°/Down: 42°, up: 25°, total: 67°
钻臂摆动角度 / Swing angle of drill boom	左32°右32°共64°/Left: 32°, right: 32°, total: 64°
一次推进长度 / One-time advance length	2620 mm
补偿长度 / Compensation length	600 mm
柴油机 / Diesel engine	玉柴YC4DK80-T302 (58 kW/2200 r/min) / Yuchai YC4DK80-T302 (58 kW/2200 r/min)
电动机 / Electric motor	YE3-250M-455 kW/1460 r/min
冲击器 / DTH hammer	3-4吋/ 3" - 4"
钻杆 / Drilling rod	Φ64×2000 mm或Φ76×2000 mm / Φ64×2000 mm or Φ76×2000 mm
耗风量 / Air consumption	12-25m³/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	350 mm



▲ KQLG-115型矿用潜孔钻机
KQLG-115 DTH Mining Drilling Rig



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

柴油移动型螺杆压缩机: KSCY570/12-550/15
LGCY17/18-18/15T
KSCY650/20-700/17T

Diesel engine portable screw air compressor: KSCY570/12-550/15
LGCY17/18-18/15T
KSCY650/20-700/17T

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.

KG200GF型光伏潜孔钻车

KG200GF Photovoltaic Drilling Rig



KG200GF型光伏潜孔钻车配备玉柴四缸发动机，适用于较大孔径光伏基桩、水电工程、露天采矿、道路修建等施工工地钻凿爆破孔作业。配备一体式控制器，实时监控钻车运行参数；行走底盘采用折边履带架和工程四轮一带，具备履带调平功能，配套加强型柱塞行走马达，提高工作压力，增加其爬坡性能；推进梁采用油缸加20A滚子链条推进，上中下配备高耐磨尼龙减磨压板，保证使用寿命，提升钻孔操纵可靠性；大减速比的双马达回转器为钻车提供高达3500Nm以上的回转扭矩，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；罩壳采用加厚型材，增加起吊吊环，方便装卸吊装；钻车具有使用寿命长、产品性能稳定的优势。

The KG200GF photovoltaic drilling rig is equipped with Yuchai four-cylinder engine, which is suitable for drilling blasting holes in construction sites such as photovoltaic pile foundation, hydropower project, open-pit mining and road construction with large aperture. Equipped with integrated controller, real-time monitoring of drilling rigs operating parameters; The walking chassis adopts the folding track frame and the engineering four-wheel belt, which has the function of track leveling, and is equipped with the enhanced plunger walking motor to improve the working pressure and increase its climbing performance. The propulsive beam is propelled by oil cylinder and 20A roller chain. The upper, middle and lower parts are equipped with high wear-resistant nylon anti-wear press plate to ensure the service life and improve the reliability of drilling operation. The double motor gyrator with large reduction ratio provides rotary torque of up to 3500Nm for the drill rigs. At the same time, the hydraulic system is upgraded and the cast iron gear pump with high strength and large displacement is adopted to ensure product quality. The cover shell adopts the thickened profile and the lifting ring is added to facilitate loading and unloading and hoisting. The drilling rigs has the advantages of long service life and stable product performance.



▲ KG200GF型光伏潜孔钻车
KG200GF Photovoltaic Drilling Rig

技术参数 / Technical Parameters

钻车型号 / Model of drill rig	KG200GF
整机重量 / Weight of complete machine	5500Kg
外形尺寸 / Outer dimensions	6250×2260×2600mm
凿岩硬度 / Drilling hardness	F=6-20
钻孔孔径 / Drilling diameter	φ115-203mm
回转转速 / Rotary speed	0-110rpm
最大回转扭矩 / Rotary torque (Max)	≥3500Nm
提升力 / Lifting force	40KN
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	0-2.5Km/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	俯130°仰35°共165°/Down: 130°, up: 35°, total: 165°
滑架摆动角度 / Swing angle of beam	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°
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DKC2G3 (73.5KW/2200r/min) / YuchaiDKC2G3 (73.5KW/2200r/min)
冲击器/DTH hammer	4-6吋;
钻杆/Drilling rod	φ76x2000mm
耗风量/Air consumption	15-26m³/min



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

柴油移动型螺杆压缩机: KSGF220-19
KSCY240-20(国二)
KSCY310/22

Diesel engine portable screw air compressor: KSGF220-19
KSCY240-20(国二)
KSCY310/22

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.

KG500GF型光伏潜孔钻车

KG500GF Photovoltaic Drilling Rig

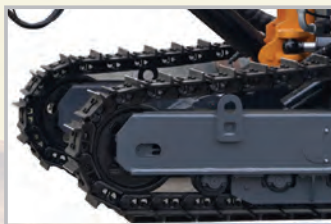
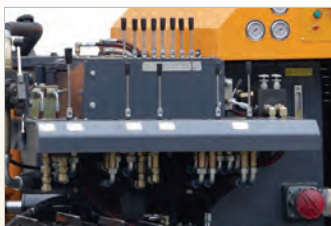


KG500GF型光伏潜孔钻车是专门针对光伏基桩孔而设计的一款产品，其配备有86KW发动机，高效沙漠空滤，最大钻孔孔径可达500mm。液压系统采用高压铸铁泵，加宽加厚行走履带板，提升链条采用28A滚子链条，箱式大断面钢制导轨，保证其有足够的强度，一次性可推进4米。回转器配备四套回转液压马达，采用高模数直齿大减速比传动，为钻车提供高达12000Nm的回转扭矩，适用大孔径基桩孔施工作业。

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 gyrator 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**
KG500GF Photovoltaic Drilling Rig

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 beam	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	15-45m³/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



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

柴油移动型螺杆压缩机： KP140KSCY310/22
KSCY750/20-800/17T
LGZY31/25-35/180-25 CU

Diesel engine portable screw air compressor: KSCY310/22
KSCY750/20-800/17T
LGZY31/25-35/18

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

KZ5型露天潜孔钻车

KZ5 Surface DTH Drilling Rig

KZ5型露天潜孔钻车是将潜孔钻凿系统和自动接卸杆系统融为一体的先进钻凿设备，结构紧凑，整体性好，移动方便,该车配备遮阳雨棚、侧后和后方倒车影像，整机工作及移位更安全舒适。钻车的行走、推进、回转、集尘及角度调整等动作均采用液压驱动，爬坡能力强，性能稳定；配有液压干式集尘器收集粉尘，减少对环境的污染。该钻车具有节能高效、安全环保、机动灵活、操作方便、性能稳定等特点，并配有液压卸杆机构拆卸钻杆、接卸杆器减轻劳动强度。钻车主要用于石方工程及露天矿山的凿岩工作。

KZ5 surface DTH drilling rig is an advanced drilling equipment which integrates the drilling system and the automatic pick-up and unloading rod system into one, with a compact structure and good integrality, which makes it easy to move. It is equipped with sunshade canopy,side and rear reversing image,making the operation and movement of the rig safer and more comfortable.The movement of the drilling rig, including walking, advancing, rotating, dust collection and angle adjustment are all driven hydraulically, providing strong climbing ability and stable performance.It is also equipped with a hydraulic dry dust collector to reduce pollution to the environment. The drilling rig is characterized by its efficient drilling, energy conservation, safety ,environment-friendliness, flexibility and simple operation. It also features a hydraulic rod unloading mechanism for disassembling the rods, and a rod handling device to reduce labor intensity. The drilling rig is mainly used for rock drilling work in quarrying projects and open-pit mines.



技术参数 / Technical Parameters

钻车型号 /Model of drill rig	KZ5
凿岩硬度 /Drilling hardness	f=6-20
钻孔直径 /Drilling diameter	φ90-115 mm
经济凿孔深度/Depth of economical drilling	21 m
行走速度 /Travelling speed	0-3.0 Km/h
爬坡能力/Climbing capacity	≤30°
离地间隙 /Ground clearance	330 mm
整机功率 /Power of complete machine	73.5 Kw
柴油机 /Diesel engine	玉柴YC4DK100-T304
外形尺寸（长×宽×高）/Outer dimensions (L×W×H)	7300×2345×2700 mm
重量 /Weight	7900KG
回转器转速 /Revolving speed of gyrator	0~180 r/min
回转扭矩 /Rotary torque	1500 N*m
最大推拉力 /Maximum Feed force	30000 N
钻臂举升角度/Lifting angle of drill boom	向上48°向下16°/Up 48°, down 16°
滑架俯仰角度 /Tilt angle of beam	147°
滑架摆角 /Swing angle of carriage	向左52°向右53°/ left 52°,Right 53°
钻臂摆角 /Swing angle of drill boom	向左40°向右38°/ left 40°,Right 38°
车架调平角度 /Leveling angle of frame	向上10°向下10°/Up 10°, down 10°
一次推进长度/One-time advance length	3500 mm
补偿长度 /Compensation length	900 mm
冲击器 /DTH hammer	3吋/3"
钻杆（φ直径×钻杆长度）/Drilling rod (φ× length of drilling rod)	φ64×3000 mm
杆库容量 /storage capacity of rod	7+1
捕尘方式/ Dust collection method	干式(液压驱动旋风层流式)8个滤芯/Dry (hydraulic cyclonic laminar flow) 8 filter elements
接杆方式 /Connecting rod method	自动接卸杆/Automatic unloading rod
钻杆润滑方式 /Drill rod lubrication method	自动喷油润滑/Automatic oil injection and lubrication

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

柴油移动型螺杆压缩机： KSDY22/18-II
LGCY15/18-17/12T
LGCY17/18-18/15T

Diesel engine portable screw air compressor: KSDY22/18-II
LGCY15/18-17/12T
LGCY17/18-18/15T

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.

KZ9型露天潜孔钻车

KZ9 Surface DTH Drilling Rig



KZ9型露天潜孔钻车是将潜孔钻凿系统和自动接卸杆系统融为一体的先进钻凿设备，结构紧凑，整体性好，移动方便,该车配备遮阳雨棚、侧后和后方倒车影像，整机工作及移位更安全舒适。钻车的行走、推进、回转、集尘及角度调整等动作均采用液压驱动，爬坡能力强，性能稳定；配有液压干式集尘器收集粉尘，减少对环境的污染。该钻车具有节能高效、安全环保、机动灵活、操作方便、性能稳定等特点，并配有液压卸杆机构拆卸钻杆、接卸杆器减轻劳动强度。钻车主要用于石方工程及露天矿山的凿岩工作。

KZ9 surface dth drilling rig is an advanced drilling equipment which integrates the drilling system and the automatic pick-up and unloading rod system into one, with a compact structure and good integrality, which makes it easy to move. It is equipped with sunshade canopy,side and rear reversing image,making the operation and movement of the rig safer and more comfortable.The movement of the drilling rig, including walking, advancing, rotating, dust collection and angle adjustment are all driven hydraulically, providing strong climbing ability and stable performance.It is also equipped with a hydraulic dry dust collector to reduce pollution to the environment. The drilling rig is characterized by its efficient drilling, energy conservation, safety ,environment-friendliness, flexibility and simple operation. It also features a hydraulic rod unloading mechanism for disassembling the rods, and a rod handling device to reduce labor intensity. The drilling rig is mainly used for rock drilling work in quarrying projects and open-pit mines.



技术参数 / Technical Parameters

钻车型号 /Model of drill rig	KZ9
凿岩硬度 /Drilling hardness	f=6-20
钻孔直径 /Drilling diameter	φ115-165 mm
经济凿孔深度/Depth of economical drilling	21 m
行走速度 /Travelling speed	0-3.0 Km/h
爬坡能力/Climbing capacity	≤30°
离地间隙 /Ground clearance	330 mm
整机功率 /Power of complete machine	86 Kw
柴油机 /Diesel engine	玉柴YC4DK115-T302
外形尺寸（长×宽×高） /Outer dimensions (L×W×H)	7550×2550×3100 mm
重量 /Weight	9300KG
回转器转速 /Revolving speed of gyrator	0~80(0~160) r/min
回转扭矩 /Rotary torque	4000 N*m
最大推拉力 /Maximum Feed force	30000 N
钻臂举升角度/Lifting angle of drill boom	向上50向下20°/Up 50°, down 20°
滑架俯仰角度 /Tilt angle of beam	120°
滑架摆角 /Swing angle of carriage	向左47°向右48°/ left 47°,Right 48°
钻臂摆角 /Swing angle of drill boom	向左59°向右48°/ left 59°,Right 48°
车架调平角度 /Leveling angle of frame	向上10向下10°/Up 10°, down 10°
一次推进长度/One-time advance length	3500 mm
补偿长度 /Compensation length	900 mm
冲击器 /DTH hammer	4时/5时 4"/5"
钻杆（φ直径×钻杆长度） /Drilling rod (φ× length of drilling rod)	φ76(φ89)×3000 mm
杆库容量 /storage capacity of rod	7+1
捕尘方式/ Dust collection method	干式(液压驱动旋流层流式)16个滤芯/Dry (hydraulic cyclonic laminar flow)16 filter elements
接杆方式 /Connecting rod method	自动接卸杆/Automatic unloading rod
钻杆润滑方式 /Drill rod lubrication method	自动喷油润滑/Automatic oil injection and lubrication



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

柴油移动型螺杆压缩机: LGCY19/21-21/18
LGCY21/21-23/18
LGCY23/23-25/18

Diesel engine portable screw air compressor: LGCY19/21-21/18
LGCY21/21-23/18
LGCY23/23-25/18

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.

KT5C型一体式露天潜孔钻车

KT5C Integrated Surface DTH Drilling Rig



KT5C型一体式露天潜孔钻车是将潜孔钻凿系统和螺杆空气压缩系统融为一体的钻凿设备，可钻凿垂直、倾斜和水平孔，用于露天矿山和石方工程钻凿爆破孔和预裂孔等。配有玉柴非道路柴油机及高效集尘系统，满足国家对排放和环保的要求。具有节能高效、安全环保、机动灵活、操作方便、性能稳定等特点。

The KT5C integrated surface DTH drilling rig is an advanced drilling device integrating the down the hole drilling system and screw air compressor system, It is capable of drilling vertical, inclined and horizontal holes, mainly used for open-pit mine, stonework blast holes and pre-splitting holes. Equipped with the Yuchai Engine and efficient dust collection system, the drill rig meets national standards for emissions and environment. It is typical of energy conservation, efficiency, safety, environment-friendliness, flexibility, simple operation and stable performance, etc.



技术参数 / Technical Parameters

凿岩硬度 /Drilling hardness	f=6-20
钻孔直径 /Drilling diameter	90-115 mm
经济凿孔深度 /Depth of economical drilling	25 m
行走速度 /Travelling speed	0-4 km/h
爬坡能力 /Climbing capacity	≤25°
离地间隙 /Ground clearance	430 mm
整机功率 /Power of complete machine	162 kW/ 2200r/min
柴油机 /Diesel engine	玉柴YC6J220-T303 /Yuchai YC6J220-T303
螺杆机 /Screw compressor	12 m³/min / 15 bar
外形尺寸（长×宽×高） /Outer dimensions (L×W×H)	7800×2300×2500 mm
重量 /Weight	8000 kg
回转器转速 /Rotation speed of gyrator	0-120 r/min
最大回转扭矩 /Rotary torque (Max)	1680 N·m (Max)
最大推拉力 /Maximum push-pull force	25000 N
钻臂举升角度 /Lifting angle of drill boom	向上54°向下26°/Up 54°, down 26°
滑架俯仰角度 /Tilt angle of beam	125°
滑架摆角 /Swing angle of carriage	向右47°向左47°/Right 47°,left 47°
钻臂俯仰角度 //Pitch angle of drill boom	向右54°向下26°/Up 54°, down 26°
钻臂摆角 /Swing angel of drill boom	向右53°向左15°/Right 53°, left 15°
车架调平角度 /Leveling angle of frame	向上10°向下9°/Up 10°, down 9°
一次推进长度 /One-time advance length	3000 mm
补偿长度 /Compensation length	900 mm
冲击器 /DTH hammer	3吋/ 3 "
钻杆 /Drilling rod	φ64×3000 mm
捕尘方式 /Method of dust collecting	干式（液压驱动旋风层流式） /Dry type (hydraulic cyclonic laminar flow)



KT5H型一体式露天潜孔钻车

KT5H Integrated Surface DTH Drilling Rig



KT5H型一体式露天潜孔钻车是将潜孔钻凿系统和螺杆空气压缩系统融为一体的钻凿设备，可钻凿垂直、倾斜和水平孔，用于露天矿山和石方工程钻凿爆破孔和预裂孔等。以玉柴非道路柴油机为单一动力，同时带动螺杆压缩系统和液压传动系统；钻车配有自动接卸杆系统、钻杆润滑模块、液压干式集尘系统等。钻车具有整体性好、自动化程度高、凿岩效果好、环保节能、操作方便、机动灵活、行驶安全等特点。

The KT5D integrated surface DTH drilling rig is an advanced drilling device integrating the down the hole drilling system and screw air compressor system, It is capable of drilling vertical, inclined and horizontal holes, mainly used for open-pit mine, stonework blast holes and pre-splitting holes. It is driven by the Yuchai engine which simultaneously drives the screw compressor system and hydraulic transmission system. The drill rig is equipped with the automatic rod handling system, drill pipe lubrication moudle and hydraulic dry dust collection system, etc. It is characterized by excellent integrity, high automation, efficient drilling effect, environment-friendliness, energy conservation, flexibility, simple operation and driving safety.



技术参数 / Technical Parameters	
凿岩硬度 /Drilling hardness	f=6-20
钻孔直径 /Drilling diameter	90-127 mm
经济凿孔深度 /Depth of economical drilling	24 m
行走速度 /Travelling speed	0-3 km/h
爬坡能力 /Climbing capacity	25°
离地间隙 /Ground clearance	330 mm
整机功率 /Power of complete machine	162 kW/ 2200r/min
柴油机 /Diesel engine	玉柴YC6J220-T300 /Yuchai YC6J220-T300
螺杆机 /Screw compressor	两级压缩13 m³/min / 18 bar （Two stage compression 13 m³/min / 18 bar）
外形尺寸（长×宽×高） /Outer dimensions (L×W×H)	8300×2450×2650 mm
重量 /Weight	9500 kg
回转器转速 /Rotation speed of gyrator	0-120 r/min
最大回转扭矩 /Rotary torque (Max)	1680 N·m (Max)
最大推拉力 /Maximum push-pull force	25000 N
钻臂举升角度 /Lifting angle of drill boom	向上48°向下16°/Up 48°, down 16°
滑架俯仰角度 /Tilt angle of beam	147°
滑架摆角 /Swing angle of carriage	向右53°向左52°/Right 53°,left52°
钻臂摆角 /Swing angel of drill boom	向右34°向左25°/Right 34°, left 25°
车架调平角度 /Leveling angle of frame	向上10°向下10°/Up 10°, down 10°
一次推进长度 /One-time advance length	3500 mm
补偿长度 /Compensation length	900 mm
冲击器 /DTH hammer	3吋/ 3 "
钻杆 /Drilling rod	φ64×3000 mm
容杆数量 /Number of rods	7+1
捕尘方式 /Method of dust collecting	干式（液压驱动旋风层流式） /Dry type (hydraulic cyclonic laminar flow)
接杆方式 /Method of extension rod	自动接卸杆 /Automatic unloading rod
钻杆润滑方式 /Method of drilling rod lubrication	自动喷油润滑 /Automatic oil injection and lubrication



KT6C型一体式露天潜孔钻车

KT6C Integrated Surface DTH Drilling Rig



KT6C型一体式露天潜孔钻车是将潜孔钻凿系统和螺杆空气压缩系统融为一体的钻凿设备，可钻凿垂直、倾斜和水平孔，用于露天矿山和石方工程钻凿爆破孔和预裂孔等。配有玉柴非道路柴油机及高效集尘系统，满足国家对排放和环保的要求。具有节能高效、安全环保、机动灵活、操作方便性能稳定等特点。

The KT6C integrated surface DTH drilling rig is an advanced drilling device integrating the down the hole drilling system and screw air compressor system. It is capable of drilling vertical, inclined and horizontal holes, mainly used for open-pit mine, stonework blast holes and pre-splitting holes.



技术参数 / Technical Parameters

凿岩硬度 /Drilling hardness	f=6-20
钻孔直径 /Drilling diameter	90-127 mm
经济凿孔深度 /Depth of economical drilling	20 m
行走速度 /Travelling speed	2.5/4 km/h (双速)
爬坡能力 /Climbing capacity	≤25°
离地间隙 /Ground clearance	330 mm
整机功率 /Power of complete machine	162 kW
柴油机 /Diesel engine	玉柴YC6J220-T300 /Yuchai YC6J220-T300
螺杆机 /Screw compressor	两级压缩 15 m³/min / 18 bar
外形尺寸 (长×宽×高) /Outer dimensions (L×W×H)	7900×2390×2620 mm
重量 /Weight	7700 kg
回转器转速 /Rotation speed of gyrotor	0-120 r/min
最大回转扭矩 /Rotary torque (Max)	2000 N·m (Max)
最大推拉力 /Maximum push-pull force	25000 N
钻臂举升角度 /Lifting angle of drill boom	向上50°向下25°/Up 50°, down 25°
滑架俯仰角度 /Tilt angle of beam	125°
滑架摆角 /Swing angle of carriage	向左39°向右40°/left 39°,Right 40°
钻臂摆角 /Swing angel of drill boom	向左44°向右39°/left 44°,Right 39°
车架调平角度 /Leveling angle of frame	向上10°向下10°/Up 10°, down 10°
一次推进长度 /One-time advance length	3000 mm
补偿长度 /Compensation length	900 mm
冲击器 /DTH hammer	3吋/ 3 "
钻杆 /Drilling rod	φ64×3000 mm
捕尘方式 /Method of dust collecting	干式 (液压驱动旋风层流式) /Dry type (hydraulic cyclonic laminar flow)



KT7C型一体式露天潜孔钻车

KT7C Integrated Surface DTH Drilling Rig



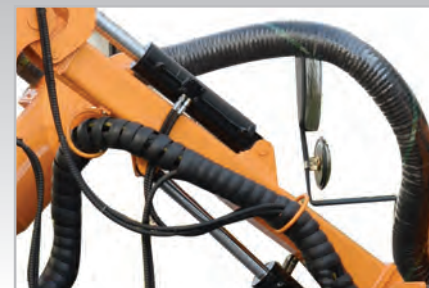
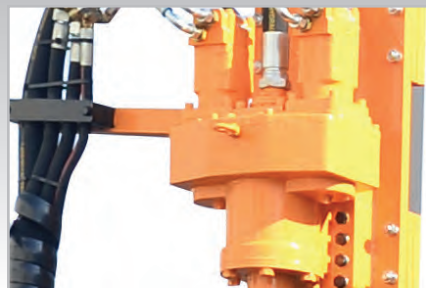
KT7C型一体式露天潜孔钻车是将潜孔钻凿系统和螺杆空气压缩系统融为一体的钻凿设备，可钻凿垂直、倾斜和水平孔，用于露天矿山和石方工程钻凿爆破孔和预裂孔等。配有玉柴非道路柴油机及高效集尘系统，满足国家对排放和环保的要求。具有节能高效、安全环保、机动灵活、操作方便、性能稳定等特点。

The KT7C integrated surface DTH drilling rig is an advanced drilling device integrating the down the hole drilling system and screw air compressor system, It is capable of drilling vertical, inclined and horizontal holes, mainly used for open-pit mine, stonework blast holes and pre-splitting holes. Equipped with the Yuchai Engine and efficient dust collection system, the drill rig meets national standards for emissions and environment. It is typical of energy conservation, efficiency, safety, environment-friendliness, flexibility, simple operation and stable performance, etc.



技术参数 / Technical Parameters

凿岩硬度 /Drilling hardness	f=6-20
钻孔直径 /Drilling diameter	90-135 mm
经济凿孔深度 /Depth of economical drilling	25 m
行走速度 /Travelling speed	2.5/4.0 km/h (双速切换)
爬坡能力 /Climbing capacity	≤25°
离地间隙 /Ground clearance	330 mm
整机功率 /Power of complete machine	176 kW / 2200r/min
柴油机 /Diesel engine	玉柴YCA07240-T300 /Yuchai YCA07240-T300
螺杆机 /Screw compressor	两级压缩15 m³/min /18 bar (Two stage compression15 m³/min /18 bar)
外形尺寸 (长×宽×高) /Outer dimensions (L×W×H)	8000×2350×2700 mm
重量 /Weight	8700 kg
回转器转速 /Rotation speed of gyrator	0-110 r/min
最大回转扭矩 /Rotary torque (Max)	2500N·m (Max)
最大推拉力 /Maximum push-pull force	22000 N
钻臂举升角度 /Lifting angle of drill boom	向上60°向下30°/Up 60°, down 30°
滑架俯仰角度 /Tilt angle of beam	130°
滑架摆角 /Swing angle of carriage	铰点1向右36°向左40°/铰点2向右2°向左92° Hinge Point 1: Right36°, Left40° / Hinge Point 2: Right2°, Left92°
钻臂摆角 /Swing angel of drill boom	向右40°向左40°/Right 40°, left 40°
车架调平角度 /Leveling angle of frame	向上10°向下10°/Up 10°, down 10°
一次推进长度 /One-time advance length	3590 mm
补偿长度 /Compensation length	900 mm
冲击器 /DTH hammer	3吋、4吋/ 3 "、4 "
钻杆 /Drilling rod	φ64/76×3000 mm
捕尘方式 /Method of dust collecting	干式 (液压驱动旋风层流式) /Dry type (hydraulic cyclonic laminar flow)



KT7D型一体式露天潜孔钻车

KT7D Integrated Surface DTH Drilling Rig



KT7D型一体式露天潜孔钻车是将潜孔钻凿系统和螺杆空气压缩系统融为一体的钻凿设备，可钻凿垂直、倾斜和水平孔，用于露天矿山和石方工程钻凿爆破孔和预裂孔等。配有玉柴非道路柴油机、高强度铝合金推进梁、自动接卸杆系统、钻杆润滑模块及高效集尘系统，满足国家对排放和环保的要求。具有节能高效、安全环保、机动灵活、操作方便、性能稳定等特点。

The KT7D integrated surface DTH drilling rig is an advanced drilling device integrating the down the hole drilling system and screw air compressor system, It is capable of drilling vertical, inclined and horizontal holes, mainly used for open-pit mine, stonework blast holes and pre-splitting holes. Equipped with the Yuchai Engine, high strength aluminum alloy propulsion beam , automatic rod handling system, drill pipe lubrication module and efficient dust collection system, the drill rig meets national standards for emissions and environment. It is typical of energy conservation, efficiency, safety, environment-friendliness, flexibility, simple operation and stable performance, etc.



技术参数 / Technical Parameters

凿岩硬度 /Drilling hardness	f=6-20
钻孔直径 /Drilling diameter	90-135 mm
经济凿孔深度 /Depth of economical drilling	24 m
行走速度 /Travelling speed	0-3km/h
爬坡能力 /Climbing capacity	≤25°
离地间隙 /Ground clearance	430 mm
整机功率 /Power of complete machine	176 kW / 2200r/min
柴油机 /Diesel engine	玉柴YCA07240-T300 /Yuchai YCA07240-T300
螺杆机 /Screw compressor	两级压缩15 m³/min /18 bar (Two stage compression15 m³/min /18 bar)
外形尺寸（长×宽×高） /Outer dimensions (L×W×H)	8000×2300×2700 mm
重量 /Weight	10000 kg
回转器转速 /Rotation speed of gyrator	0-180 r/min
最大回转扭矩 /Rotary torque (Max)	1560N·m (Max)
最大推拉力 /Maximum push-pull force	22000 N
钻臂举升角度 /Lifting angle of drill boom	向上48°向下16°/Up 48°, down 16°
滑架俯仰角度 /Tilt angle of beam	147°
滑架摆角 /Swing angle of carriage	向右53 °向左52°/Right 53 °,left 52°
钻臂摆角 /Swing angel of drill boom	向右50°向左58°/Right 50°, left 58°
车架调平角度 /Leveling angle of frame	向上10°向下10°/Up 10°, down 10°
一次推进长度 /One-time advance length	3590 mm
补偿长度 /Compensation length	900 mm
冲击器 /DTH hammer	3吋、4吋/ 3 "、4 "
钻杆 /Drilling rod	φ64/76×3000mm
容杆数量 /Number of rods	7+1
捕尘方式 /Method of dust collecting	干式（液压驱动旋风层流式）/Dry type (hydraulic cyclonic laminar flow)
接杆方式 /Method of extension rod	自动接卸杆 /Automatic unloading rod
钻杆润滑方式 /Method of drilling rod lubrication	自动喷油润滑 /Automatic oil injection and lubrication



KT7H型一体式露天潜孔钻车

KT7H Integrated Surface DTH Drilling Rig



KT7H型一体式露天潜孔钻车是将潜孔钻凿系统和螺杆空气压缩系统融为一体的钻凿设备，可钻凿垂直、倾斜和水平孔，用于露天矿山和石方工程钻凿爆破孔和预裂孔等。配有玉柴非道路柴油机、高强度铝合金推进梁、自动接卸杆系统、钻杆润滑模块及高效集尘系统，满足国家对排放和环保的要求。具有节能高效、安全环保、机动灵活、操作方便、性能稳定等特点。

The KT7H integrated surface DTH drilling rig is an advanced drilling device integrating the down the hole drilling system and screw air compressor system, It is capable of drilling vertical, inclined and horizontal holes, mainly used for open-pit mine, stonework blast holes and pre-splitting holes. Equipped with the Yuchai Engine, high strength aluminum alloy propulsion beam , automatic rod handling system, drill pipe lubrication module and efficient dust collection system, the drill rig meets national standards for emissions and environment. It is typical of energy conservation, efficiency, safety, environment-friendliness, flexibility, simple operation and stable performance, etc.



技术参数 / Technical Parameters

凿岩硬度 /Drilling hardness	f=6-20
钻孔直径 /Drilling diameter	105-146 mm
经济凿孔深度 /Depth of economical drilling	24 m
行走速度 /Travelling speed	0-4 km/h
爬坡能力 /Climbing capacity	≤25°
离地间隙 /Ground clearance	430 mm
整机功率 /Power of complete machine	191 kW / 2100 r/min
柴油机 /Diesel engine	玉柴YC6A260-T301 /Yuchai YC6A260-T301
螺杆机 /Screw compressor	两级压缩17 m³/min /18 bar (Two stage compression17 m³/min /18 bar)
外形尺寸（长×宽×高） /Outer dimensions (L×W×H)	8500×2400×2800 mm
重量 /Weight	10000 kg
回转器转速 /Rotation speed of gyrator	0-90 r/min
最大回转扭矩 /Rotary torque (Max)	2800N·m (Max)
最大推拉力 /Maximum push-pull force	22000 N
钻臂举升角度 /Lifting angle of drill boom	向上48°向下16°/Up 48°, down 16°
滑架俯仰角度 /Tilt angle of beam	147°
滑架摆角 /Swing angle of carriage	向右53 °向左52°/Right 53 °,left 52°
钻臂摆角 /Swing angel of drill boom	向右50°向左58°/Right 50°, left 58°
车架调平角度 /Leveling angle of frame	向上10°向下10°/Up 10°, down 10°
一次推进长度 /One-time advance length	3590 mm
补偿长度 /Compensation length	900 mm
冲击器 /DTH hammer	3吋、4吋/3 "、4 "
钻杆 /Drilling rod	φ64/76×3000 mm
容杆数量 /Number of rods	7+1
捕尘方式 /Method of dust collecting	干式（液压驱动旋风层流式） /Dry type (hydraulic cyclonic laminar flow)
接杆方式 /Method of extension rod	自动接卸杆 /Automatic unloading rod
钻杆润滑方式 /Method of drilling rod lubrication	自动喷油润滑 /Automatic oil injection and lubrication



KT9C型一体式露天潜孔钻车

KT9C Integrated Surface DTH Drilling Rig



KT9C型一体式露天潜孔钻车是将潜孔钻凿系统和螺杆空气压缩系统融为一体的钻凿设备，可钻凿垂直、倾斜和水平孔，用于露天矿山和石方工程钻凿爆破孔和预裂孔等。配有玉柴非道路柴油机及高效集尘系统，满足国家对排放和环保的要求。具有节能高效、安全环保、机动灵活、操作方便、性能稳定等特点。

The KT9C integrated surface DTH drilling rig is an advanced drilling device integrating the down the hole drilling system and screw air compressor system, It is capable of drilling vertical, inclined and horizontal holes, mainly used for open-pit mine, stonework blast holes and pre-splitting holes. Equipped with the Yuchai Engine and efficient dust collection system, the drill rig meets national standards for emissions and environment. It is typical of energy conservation, efficiency, safety, environment-friendliness, flexibility, simple operation and stable performance, etc.



技术参数 / Technical Parameters

凿岩硬度 /Drilling hardness	f=6-20
钻孔直径 /Drilling diameter	Φ115-165 mm
经济凿孔深度 /Depth of economical drilling	25 m
行走速度 /Travelling speed	2.5/3.5 km/h
爬坡能力 /Climbing capacity	≤25°
离地间隙 /Ground clearance	430 mm
整机功率 /Power of complete machine	295kW/1900r/min
柴油机 /Diesel engine (choose)	玉柴YCK09400-T300/Yuchai YCK09400-T300
螺杆机 /Screw compressor	两级压缩 20 m³/min / 22 bar
外形尺寸（长×宽×高） /Outer dimensions (L×W×H)	8250×2300×3200 mm
重量 /Weight	12100 kg
回转器转速 /Rotation speed of gyrotor	0-100 r/min
最大回转扭矩 /Rotary torque (Max)	4000 N·m (Max)
最大推拉力 /Maximum push-pull force	25KN
钻臂举升角度 /Lifting angle of drill boom	向上47°向下20°/Up 47°, down 20°
滑架俯仰角度 /Tilt angle of beam	120°
滑架摆角 /Swing angle of carriage	向右35°向左95°/Right 35°, left 95°
钻臂摆角 /Swing angel of drill boom	向右39°向左34°/Right 39°, left 34°
车架调平角度 /Leveling angle of frame	±10°
一次推进长度 /One-time advance length	4010 mm
补偿长度 /Compensation length	900 mm
冲击器 /DTH hammer	5吋/ 5 "
钻杆 /Drilling rod	φ76/φ89×3000 mm
捕尘方式 /Method of dust collecting	干式（液压驱动旋风层流式）/Dry type (hydraulic cyclonic laminar flow)



KT9D型一体式露天潜孔钻车

KT9D Integrated Surface DTH Drilling Rig



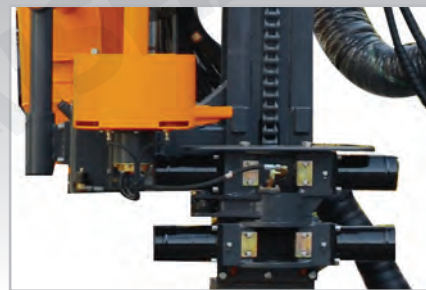
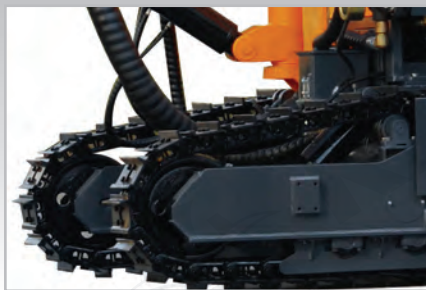
KT9D型一体式露天潜孔钻车是将潜孔钻凿系统和螺杆空气压缩系统融为一体的钻凿设备，可钻凿垂直、倾斜和水平孔，用于露天矿山和石方工程钻凿爆破孔和预裂孔等。以玉柴非道路柴油机为单一动力，通过两端输出的方式同时带动螺杆压缩系统和液压传动系统；钻车配有自动接卸杆系统、钻杆润滑模块、防卡钻系统、液压干式集尘系统等。钻车具有整体性好、自动化程度高、凿岩效果好、环保节能、操作方便、机动灵活、行驶安全等特点。

The KT9D integrated surface DTH drilling rig is an advanced drilling device integrating the down the hole drilling system and screw air compressor system, It is capable of drilling vertical, inclined and horizontal holes, mainly used for open-pit mine, stonework blast holes and pre-splitting holes. It is driven by the Yuchai diesel engine and the two-terminal output can drive the screw compression system and hydraulic transmission system. The drill rig is equipped with the automatic rod handling system, drill pipe lubrication module drill pipe sticking prevention system, hydraulic dry dust collection system, etc. The drill rig is characterized by excellent integrity, high automation, efficient drilling, environment-friendliness, energy conservation, simple operation, flexibility and travelling safety, etc.



技术参数 / Technical Parameters

凿岩硬度 /Drilling hardness	f=6-20
钻孔直径 /Drilling diameter	Φ115-165 mm
经济凿孔深度 /Depth of economical drilling	24 m
容杆数量 /Number of rods	7+1
行走速度 /Travelling speed	2.5/3.5 km/h
爬坡能力 /Climbing capacity	≤25°
离地间隙 /Ground clearance	430 mm
整机功率 /Power of complete machine	295kW/1900r/min
柴油机 /Diesel engine (choose)	玉柴YCK09400-T300/Yuchai YCK09400-T300
螺杆机 /Screw compressor	两级压缩20 m³/min /22 bar
外形尺寸（长×宽×高） /Outer dimensions (L×W×H)	8670×2300×3200 mm
重量 /Weight	13000 kg
回转器转速 /Rotation speed of gyrator	0-100 r/min
最大回转扭矩 /Rotary torque (Max)	4000 N·m (Max)
最大推拉力 /Maximum push-pull force	25KN
推进方式 /Method of propulsion	马达+滚子链/Motor+roller chain
钻臂举升角度 /Lifting angle of drill boom	向上50°向下20°/Up 50°, down 20°
滑架俯仰角度 /Tilt angle of beam	120°
滑架摆角 /Swing angle of carriage	铰点1向右48°向左47°/铰点2向右92°向左3° Hinge Point 1: Right48°, Left47° / Hinge Point 2: Right92°, Left3°
钻臂摆角 /Swing angel of drill boom	向右46°向左59°/Right 46°, left 59°
车架调平角度 /Leveling angle of frame	±10°
一次推进长度 /One-time advance length	3590 mm
补偿长度 /Compensation length	900 mm
冲击器 /DTH hammer	5吋/ 5 "
钻杆 /Drilling rod	φ76×3000 mm
捕尘方式 /Method of dust collecting	干式（液压驱动旋风层流式）/Dry type (hydraulic cyclonic laminar flow)



ZT11型一体式露天潜孔钻车

ZT11 Integrated Surface DTH Drilling Rig



ZT11型一体式潜孔钻车可钻凿垂直、倾斜和水平孔，主要用于大型露天矿山和石方工程钻凿爆破孔和预裂孔等。以玉柴动力非道路柴油机为单一动力，柴油机后端飞轮输出带螺杆机系统，PTO口输出带液压传动系统；钻车配有自动接卸杆系统、钻杆浮动接头模块、钻杆润滑模块、防卡钻系统、液压干式集尘系统、冷暖空调驾驶室等，并可选配钻孔角度和深度指示功能。钻车具有整体性好、自动化程度高、凿岩效果好、节能环保、操作方便、机动灵活、行驶安全等特点。

The ZT11 integrated surface DTH drilling rig can drilling vertical, inclined and horizontal holes, mainly used for open-pit mine, stonework blast holes and pre-splitting holes. It is driven by the Yuchai diesel engine and the screw compression system and hydraulic transmission system are simultaneously driven by back-end flywheel and PTO port output. The drill rig is equipped with the automatic rod handling system, drilling rod floating slide module, drill pipe lubrication module, drill pipe sticking prevention system, hydraulic dry dust collection system, air conditioning cab, optional drilling angle and depth indication function, etc. The drill rig is characterized by excellent integrity, high automation, efficient drilling, environment-friendliness, energy conservation, simple operation, flexibility and travelling safety, etc.



技术参数 / Technical Parameters

运输尺寸（长*宽*高）/Transport dimensions (LxWxH)	9900*2300*3200/3500 mm
重量 /Weight	15000 Kg
岩石硬度 /Rock hardness	f=6-20
钻孔直径 /Drilling diameter	90-130 mm
离地间隙 /Ground clearance	355 mm
履带调平角度 /Leveling angle of track	±10°
行驶速度 /Travelling speed	0-3 Km/h
爬坡能力 /Climbing capacity	25°
牵引力 /Traction	120 KN
最大回转扭矩 /Rotary torque (Max)	2500 N·m (Max)
转速 /Rotation speed	0-173 rpm
钻臂摆角 /Swing angle of drill boom	向左18°向右46°/Left 18°, right 46°
滑架摆角 /Swing angle of carriage	向左9°向右96°/Left 9°, right 96°
滑架俯仰角 /Tilt angle of beam	148°
补偿行程 /Compensation stroke	1500 mm
推进器行程 /Rotation Head stroke	4510 mm
最大推进力 /Maximum propelling force	37 KN
推进方式 /Method of propulsion	马达 + 滚子链 /Motor + roller chain
经济钻孔深度 /Depth of economical drilling	32 m
容杆数量 /Number of rods	7+1
钻杆规格 /Specifications of drilling rod	Φ64/Φ76x4000 mm
冲击器 /DTH hammer	3吋、4吋/ 3 "、4 "
发动机 /Engine	玉柴YCA08320-T300 /Yuchai YCA08320-T300
额定功率 /Rated power	235 KW
额定转速 /Rated revolving speed	2200 r/min
螺杆机 /Screw compressor	两级压缩18 m³/min /22 bar /Two stage compression 18 m³/min /22 bar
行驶控制系统 /Traveling control system	液压先导 /Hydraulic pilot
钻孔控制系统 /Drilling control system	液压先导 /Hydraulic pilot
防卡 /Anti-jamming	自动电液防卡 /Automatic electro-hydraulic anti-jamming
电压 /Voltage	24V 直流 /24V DC
安全驾驶室 /Safe cab	符合防落石&防翻滚标准 /Meet the requirements of ROPS & FOPS
室内噪声水平 /Indoor noise	低于85dB (A) /Below 85dB (A)
座椅 /Seat	可调 /Adjustable
空调 /Air-conditioning	标准冷暖 /Standard temperature
娱乐 /Entertainment	收音机 /Radio

ZT12型一体式露天潜孔钻车

ZT12 Integrated Surface DTH Drilling Rig



ZT12型一体式露天潜孔钻车可钻凿垂直、倾斜和水平孔，主要用于大型露天矿山和石方工程钻凿爆破孔和预裂孔等。以康明斯动力非道路柴油机为单一动力，柴油机后端飞轮输出带螺杆机系统，PTO口输出带液压传动系统；钻车配有自动接卸杆系统、钻杆浮动接头模块、钻杆润滑模块、防卡钻系统、液压干式集尘系统、冷暖空调驾驶室等，并可选配钻孔角度和深度指示功能。钻车具有整体性好、自动化程度高、凿岩效果好、环保节能、操作方便、机动灵活、行驶安全等特点。

The ZT12 integrated surface DTH drilling rig can drilling vertical, inclined and horizontal holes, mainly used for open-pit mine, stonework blast holes and pre-splitting holes. It is driven by the Cummins diesel engine and the screw compression system and hydraulic transmission system are simultaneously driven by back-end flywheel and PTO port output. The drill rig is equipped with the automatic rod handling system, drilling rod floating slide module, drill pipe lubrication module, drill pipe sticking prevention system, hydraulic dry dust collection system, air conditioning cab, optional drilling angle and depth indication function, etc. The drill rig is characterized by excellent integrity, high automation, efficient drilling, environment-friendliness, energy conservation, simple operation, flexibility and travelling safety, etc.



技术参数 / Technical Parameters

运输尺寸（长*宽*高）/Transport dimensions (LxWxH)	10000*2480*3100 mm
重量 /Weight	16800 Kg
岩石硬度 /Rock hardness	f=6-20
钻孔直径 /Drilling diameter	115-152 mm
离地间隙 /Ground clearance	430 mm
履带调平角度 /Leveling angle of track	±10°
行驶速度 /Travelling speed	0-3 Km/h
爬坡能力 /Climbing capacity	25°
牵引力 /Traction	87 KN
最大回转扭矩 /Rotary torque (Max)	4000 N·m (Max)
转速 /Rotation speed	0-130 rpm
钻臂摆角 /Swing angle of drill boom	向左17°向右46°/Left 17°, right 46°
滑架竖直孔摆角 /Swing angle of the vertical of the carriage	向左52°向右53°/Leftwards 52° rightwards 53°
滑架水平孔摆角 /Swing angle of the horizontal of the carriage	向左9°向右96° /Leftwards 96° rightwards 30°
滑架俯仰角 /Tilt angle of beam	147°
补偿行程 /Compensation stroke	1500 mm
推进器行程 /Rotation Head stroke	4510 mm
最大推进力 /Maximum propelling force	39 KN
推进方式 /Method of propulsion	马达 + 滚子链 /Motor + roller chain
经济钻孔深度 /Depth of economical drilling	32 m
容杆数量 /Number of rods	6+1
钻杆规格 /Specifications of drilling rod	Φ76/Φ89x4000 mm
冲击器 /DTH hammer	K5
发动机 /Engine	康明斯 QSL8.9-C360-30 /Cummins QSL8.9-C360-30
额定功率 /Rated power	264 KW
额定转速 /Rated revolving speed	2100 r/min
螺杆机 /Screw compressor	两级压缩20 m³/min /22 bar /Two stage compression 20 m³/min /22 bar
行驶控制系统 /Traveling control system	液压先导 /Hydraulic pilot
钻孔控制系统 /Drilling control system	液压先导 /Hydraulic pilot
防卡方式 /Anti-jamming type	电液控制防卡 /Electro-hydraulic anti-jamming
电压 /Voltage	24V 直流 /24V DC
安全驾驶室 /Safe cab	符合防落石&防翻滚标准 /Meet the requirements of ROPS & FOPS
钻杆螺纹润滑方式 /Drill rod thread lubrication type	自动喷油润滑 /Automatic oil-spraying lubrication
钻杆螺纹保护 /Protection of rod threads	配有机械浮动保护 /It is equipped with mechanical floating protection
空调 /Air-conditioning	标准冷暖 /Standard temperature
娱乐 /Entertainment	收音机 /Radio

KT11型一体式露天潜孔钻车

KT11 Integrated Surface DTH Drilling Rig



KT11型一体式潜孔钻车可钻凿垂直、倾斜和水平孔，主要用于大型露天矿山和石方工程钻凿爆破孔和预裂孔等。以康明斯非道路柴油机为单一动力，通过两端输出的方式同时带动螺杆压缩系统和液压传动系统；钻车配有自动接卸杆系统、钻杆浮动滑板模块、钻杆润滑模块、防卡钻系统、液压干式集尘系统、冷暖空调驾驶室等，并可选配钻孔角度和深度指示功能。钻车具有整体性好、自动化程度高、凿岩效果好、环保节能、操作方便、机动灵活、行驶安全等特点。

The KT11 integrated surface DTH drilling rig can drilling vertical, inclined and horizontal holes, mainly used for open-pit mine, stonework blast holes and pre-splitting holes. It is driven by the Cummins diesel engine and the two-terminal output can drive the screw compression system and hydraulic transmission system. The drill rig is equipped with the automatic rod handling system, drilling rod floating slide module, drill pipe lubrication module, drill pipe sticking prevention system, hydraulic dry dust collection system, air conditioning cab, optional drilling angle and depth indication function, etc. The drill rig is characterized by excellent integrity, high automation, efficient drilling, environment-friendliness, energy conservation, simple operation, flexibility and travelling safety, etc.



技术参数 / Technical Parameters

运输尺寸（长*宽*高）/Transport dimensions (LxWxH)	9100*2600*3300/3600 mm
重量 /Weight	17000 Kg
岩石硬度 /Rock hardness	f=6-20
钻孔直径 /Drilling diameter	90-140 mm
离地间隙 /Ground clearance	420 mm
履带调平角度 /Leveling angle of track	10°up, 10°down
行驶速度 /Travelling speed	0-3 Km/h
爬坡能力 /Climbing capacity	25°
牵引力 /Traction	88 KN
最大回转扭矩 /Rotary torque (Max)	2800 N·m (Max)
转速 /Rotation speed	0-120 rpm
钻臂举升 /Lifting angle of drill boom	向上47°，向下20° /Up 47°, down 20°
钻臂摆角 /Swing angle of drill boom	向右50°，向左15° /Right 50°, left 15°
滑架摆角 /Swing angle of carriage	向右96°，向左30° /Right 96°, left 30°
滑架俯仰角 /Tilt angle of beam	114°
补偿行程 /Compensation stroke	1353 mm
推进机行程 /Feed stroke	4490 mm
最大推进力 /Maximum propelling force	40 KN
推进方式 /Method of propulsion	马达+滚子链 /Motor+Roller chain
经济钻孔深度 /Depth of economical drilling	32 m
容杆数量 /Number of rods	7+1
钻杆规格 /Specifications of drilling rod	Φ64/Φ76x4000 mm
冲击器 /DTH hammer	3吋、4吋/ 3 "、4 "
发动机 /Engine	康明斯QSL8.9-C325-30 /Cummins QSL8.9-C325-30
输出功率 /Output power	242 KW/2200 rpm
螺杆式空压机 /Screw air compressor	两级压缩18m³/min /20bar /Two stage compression 18m³/min /20bar
行驶控制系统 /Traveling control system	液压先导 /Hydraulic pilot
钻孔控制系统 /Drilling control system	液压先导 /Hydraulic pilot
防卡 /Anti-jamming	自动电液防卡 /Automatic electro-hydraulic anti-jamming
电压 /Voltage	24V，直流 /24V, DC
安全驾驶室 /Safe cab	符合防落石&防滚翻标准 /Meet the requirements of FOPS & ROPS
室内噪声水平 /Indoor noise	低于85dB（A） /Below 85dB (A)
座椅 /Seat	可调 /Adjustable
空调 /Air-conditioning	标准冷暖 /Standard temperature
娱乐 /Entertainment	收音机+Mp3 /Radio +Mp3

KT12型一体式露天潜孔钻车

KT12 Integrated Surface DTH Drilling Rig

KT12型一体式潜孔钻车可钻凿垂直、倾斜和水平孔，主要用于大型露天矿山和石方工程钻凿爆破孔和预裂孔等。以康明斯非道路柴油机为单一动力，通过两端输出的方式同时带动螺杆压缩系统和液压传动系统；钻车配有自动接卸杆系统、钻杆浮动滑板模块、钻杆润滑模块，防卡钻系统、液压干式集尘系统、冷暖空调驾驶室等，并可选配钻孔角度和深度指示功能。钻车具有整体性好、自动化程度高、凿岩效果好、环保节能、操作方便、机动灵活、行驶安全等特点。

The KT12 integrated surface DTH drilling rig for open use can drilling vertical, inclined and horizontal holes, mainly used for open-pit mine, stonework blast holes and pre-splitting holes. It is driven by the Cummins diesel engine and the two-terminal output can drive the screw compression system and hydraulic transmission system. The drill rig is equipped with the automatic rod handling system, drilling rod floating slide module, drill pipe lubrication module, drill pipe sticking prevention system, hydraulic dry dust collection system, air conditioning cab, optional drilling angle and depth indication function, etc. The drill rig is characterized by excellent integrity, high automation, efficient drilling, environment-friendliness, energy conservation, simple operation, flexibility and travelling safety, etc.



技术参数 / Technical Parameters

运输尺寸（长*宽*高）/Transport dimensions (LxWxH)	9900*2600*3350/3600 mm
重量 /Weight	17500 Kg
岩石硬度 /Rock hardness	f=6-20
钻孔直径 /Drilling diameter	115-152 mm
离地间隙 /Ground clearance	420 mm
履带调平角度 /Leveling angle of track	10°up, 10°down
行驶速度 /Travelling speed	0-3 Km/h
爬坡能力 /Climbing capacity	25°
牵引力 /Traction	120 KN
最大回转扭矩 /Rotary torque (Max)	3450 N·m (Max)
转速 /Rotation speed	0-100 rpm
钻臂举升 /Lifting angle of drill boom	向上47°，向下20°/Up 47°, down 20°
钻臂摆角 /Swing angle of drill boom	向右50°，向左15° /Right 50°, left 15°
滑架摆角 /Swing angle of carriage	向右96°，向左30° /Right 96°, left 30°
滑架俯仰角 /Tilt angle of beam	114°
补偿行程 /Compensation stroke	1353 mm
推进机行程 /Feed stroke	4490 mm
最大推进力 /Maximum propelling force	40 KN
推进方式 /Method of propulsion	马达+滚子链 /Motor+Roller chain
经济钻孔深度 /Depth of economical drilling	28 m
容杆数量 /Number of rods	6+1
钻杆规格 /Specifications of drilling rod	Φ76/Φ89x4000 mm
冲击器 /DTH hammer	4吋、5吋/ 4 "、5 "
发动机 /Engine	康明斯QSL8.9-C360-30 /Cummins QSL8.9-C360-30
气缸数 /Number of cylinders	6
输出功率 /Output power	264 KW/2200 rpm
液压泵 /Hydraulic pump	5×齿轮泵 /5× gear pump
螺杆式空压机 /Screw air compressor	两级压缩 20m³/min /22bar /Two stage compression 20m³/min /22bar
行驶控制系统 /Traveling control system	液压先导 /Hydraulic pilot
钻孔控制系统 /Drilling control system	液压先导 /Hydraulic pilot
防卡 /Anti-Jamming	自动电液防卡 /Automatic electro-hydraulic anti-Jamming
电压 /Voltage	24V，直流 /24V, DC
安全驾驶室 /Safe cab	符合防落石&防滚翻标准 /Meet the requirements of FOPS & ROPS
室内噪声水平 /Indoor noise	低于85dB (A) /Below 85dB (A)
座椅 /Seat	可调 /Adjustable
空调 /Air-conditioning	标准冷暖 /Standard temperature
娱乐 /Entertainment	收音机+Mp3 /Radio +Mp3

KT15C型一体式露天潜孔钻车

KT15C Integrated Surface DTH Drilling Rig

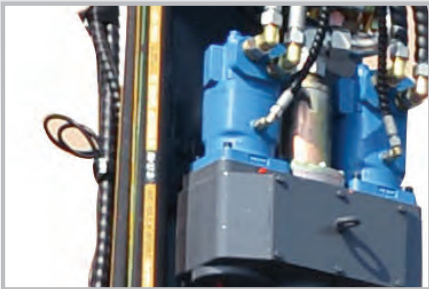
KT15C型一体式露天潜孔钻车可钻凿垂直、倾斜和水平孔，主要用于大型露天矿山和石方工程钻凿爆破孔和预裂孔等。以康明斯非道路柴油机为单一动力，通过两端输出的方式同时带动螺杆压缩系统和液压传动系统；钻车配有高强度铝合金推进梁、变量液压系统、自动接杆系统、钻杆浮动接头模块、钻杆润滑模块，防卡钻系统、液压干式集尘系统、冷暖空调驾驶室、钻孔角度和深度指示功能等。钻车具有整体性好、自动化程度高、凿岩效果好、环保节能、操作方便、机动灵活、行驶安全等特点。

The KT15C integrated surface DTH drilling rig can drilling vertical, inclined and horizontal holes, mainly used for open-pit mine, stonework blast holes and pre-splitting holes. It is driven by the Cummins diesel engine and the two-terminal output can drive the screw compression system and hydraulic transmission system. The drill rig is equipped with high strength aluminum alloy propulsion beam, variable hydraulic system, automatic rod handling system, drill pipe floating joint module, drill pipe lubrication module, drill pipe sticking prevention system, hydraulic dry dust collection system, air conditioning cab, optional drilling angle and depth indication function, etc. The drill rig is characterized by excellent integrity, high automation, efficient drilling, environment-friendliness, energy conservation, simple operation, flexibility and travelling safety, etc.



技术参数 / Technical Parameters

凿岩硬度 /Drilling hardness	f=6-20
钻孔直径 /Drilling diameter	140-190 mm
经济凿孔深度（自动接杆深度） Depth of economical drilling (depth of automatic extension rod)	36/35 m
行走速度 /Travelling speed	3.0 km/h
爬坡能力°/Climbing capacity	25°
牵引力 /Traction	140 KN
离地间隙 /Ground clearance	430 mm
整机功率 /Power of complete machine	298 kW
柴油机 /Diesel engine	康明斯QSZ13-C400-30 /Cummins QSZ13-C400-30
螺杆机 /Screw compressor	两级压缩22 m³/min/24bar /Two stage compression 22 m³/min/24bar
外形尺寸（长×宽×高）/Outer dimensions (L×W×H)	11000x2780x3800 mm
重量 /Weight	24800 kg
回转器转速 /Revolving speed of gyrator	0-100 r/min
回转扭矩 /Rotary torque	4100 N·m
最大推拉力 /Maximum Feed force	65000 N
推进方式 /Method of propulsion	滚子链 /Roller chain
滑架俯仰角度 /Tilt angle of beam	128°
钻臂举升角 / Lift angle of drill boom	向上51°向下19° /up 51°, down19°
滑架摆角 /Swing angle of carriage	向右97°向左33°/Right 97°, left 33°
钻臂摆角 /Swing angle of drill boom	向右45°向左15°/Right 45°, left 15°
车架调平角度 /Leveling angle of frame	向上10°向下10°/Up 10°, down 10°
补偿长度 /Compensation length	1500/1800 mm
推进机行程 /Feed stroke	4580/5580 mm
冲击器 /DTH hammer	4吋、5吋、6吋/ 4 "、5 "、6 "
钻杆（φ直径×钻杆长度）/Drilling rod (φ× length of drilling rod)	φ89/φ102×4000 mm / φ89/φ102×5000 mm
容杆数量 /Number of rods	8+1 / 6+1
除尘方式 /Method of dust removal	干式（液压驱动旋风层流式）/湿式(可选) Dry (hydraulic cyclonic laminar flow)/wet (optional)
接杆方式 /Method of extension rod	自动接卸杆 /Automatic unloading rod
自动防卡方式 /Method of automatic anti-jamming	电液控制防卡 /Electro-hydraulic control anti-sticking
钻杆润滑方式 /Method of drilling rod lubrication	自动喷油润滑 /Automatic oil injection and lubrication
钻杆螺纹保护 /Protection of thread of drilling rod	配有浮动接头保护钻杆螺纹 Equipped with the floating joint to protect the thread of drilling rod
钻进显示 /Drilling display	钻孔角度和钻孔深度实时显示 Real-time display of drilling angle and depth
安全驾驶室/Safe cab	符合防落石&防滚翻标准/Meet the requirements of FOPS&ROPS



KT25型一体式露天潜孔钻车

KT25 Integrated Surface DTH Drilling Rig



KT25型一体式潜孔钻车可钻凿垂直、倾斜和水平孔，主要用于大型露天矿山和石方工程钻凿爆破孔和预裂孔等。以康明斯柴油机为单一动力，通过两端输出的方式同时带动螺杆压缩系统和液压传动系统；钻车配有自动接卸杆系统、钻杆浮动接头模块、钻杆润滑模块，防卡钻系统、液压干式集尘系统、冷暖空调驾驶室、钻孔角度和深度指示功能等。钻车具有整体性好、自动化程度高、凿岩效果好、环保节能、操作方便、机动灵活、行驶安全等特点。

The KT25 integrated surface DTH drilling rig can drilling vertical, inclined and horizontal holes, mainly used for open-pit mine, stonework blast holes and pre-splitting holes. It is driven by the Cummins diesel engine and the two-terminal output can drive the screw compression system and hydraulic transmission system. The drill rig is equipped with the automatic rod handling system, drill pipe floating joint module, drill pipe lubrication module, drill pipe sticking prevention system, hydraulic dry dust collection system, air conditioning cab, optional drilling angle and depth indication function, etc. The drill rig is characterized by excellent integrity, high automation, efficient drilling, environment-friendliness, energy conservation, simple operation, flexibility and travelling safety, etc.

技术参数 / Technical Parameters

凿岩硬度 /Drilling hardness	f=6-20
钻孔直径 /Drilling diameter	152-203 mm
经济凿孔深度（自动接杆深度） Depth of economical drilling (depth of automatic extension rod)	35m / 36m
行走速度 /Travelling speed	3.0 Km/h
爬坡能力°/Climbing capacity	25°
离地间隙 /Ground clearance	410 mm
整机功率 /Power of complete machine	372 Kw
柴油机 /Diesel engine	康明斯QSZ13-500-30 /Cummins QSZ13-500-30
螺杆机 /Screw compressor	两级压缩31 m³/min/25 bar /Two stage compression 31 m³/min/25 bar
外形尺寸（长×宽×高）/Outer dimensions (L×W×H)	12100×2900×3850 mm
重量 /Weight	28100 Kg
回转器转速 /Revolving speed of gyrator	0-100/0-150 r/min
回转扭矩 /Rotary torque	6100 N·m
最大推拉力 /Maximum Feed force	65 KN
滑架俯仰角度 /Tilt angle of beam	133°
滑架摆角 /Swing angle of carriage	向右37°向左37°/Right 37°, left 37°
钻臂摆角 /Swing angle of drill boom	向右30°向左17°/Right 30°, left 17°
钻臂举升角度/Lifting angle of drill boom	向上49°向下13°/Up 49°, down 13°
车架调平角度 /Leveling angle of frame	向上10°向下10°/Up 10°, down 10°
补偿长度 /Compensation length	1800 mm
推进方式 //Method of propulsion	马达+滚子链 /Motor+roller chain
推进行程 /Feed stroke	5700 mm / 6700 mm
冲击器 /DTH hammer	5吋、6吋/ 5 "、6 "
钻杆（Φ直径×钻杆长度）/Drilling rod (Φ× length of drilling rod)	Φ102/Φ114/Φ127×5000 mm or Φ102/Φ114/Φ127×6000 mm
钻杆//Drilling rod	6+1 / 5+1
除尘方式 /Method of dust removal	干式（液压驱动旋风层流式）/湿式(可选) Dry (hydraulic cyclonic laminar flow)/wet (optional)
接杆方式 /Method of extension rod	自动接卸杆 /Automatic unloading rod
自动防卡方式 /Method of automatic anti-jamming	电液控制防卡 /Electro-hydraulic control anti-sticking
钻杆润滑方式 /Method of drilling rod lubrication	自动喷油润滑 /Automatic oil injection and lubrication
钻杆螺纹保护 /Protection of thread of drilling rod	配有浮动接头保护钻杆螺纹 Equipped with the floating joint to protect the thread of drilling rod
钻进显示 /Drilling display	钻孔角度和钻孔深度实时显示 Real-time display of drilling angle and depth
安全驾驶室/Safe cab	符合防落石&防滚翻标准/Meet the requirements of FOPS&ROPS



KT30型一体式露天潜孔钻车

KT30 Integrated Surface DTH Drilling Rig



KT30型一体式露天潜孔钻车可钻凿垂直及倾斜孔，主要用于大型露天矿山和石方工程钻凿大孔径爆破孔和预裂孔等，以康明斯柴油机为单一动力源，通过两端输出方式同时带动螺杆压缩机系统和液压传动系统；钻车配备铝导轨，钻孔直线度优良，配备双级螺杆机，气路系统稳定性强；配备长钻杆，减少换杆次数；配备钻杆润滑系统、干式集尘系统、钻杆螺纹保护、钻孔角度及深度显示，自动接卸杆器减轻劳动强度、空调驾驶室提供舒适的工作环境及自动控制防卡阀少卡钻机率。钻车全套控制均为电控系统，灵敏度高，操作省力，车具有整体性好、自动化程度高、凿岩效果好、环保节能、操作方便机动灵活、行驶安全等特点。

KT30 integrated surface DTH drilling rig for open use can drill vertical and inclined holes, mainly used for large open-pit mines,stonework blast large aperture holes and pre-splitting holes. It is driven by the Cummins diesel engine and the screw compressor system and hydraulic transmission system are simultaneously driven by the output of both ends. The drilling rig features an aluminum guide rail for superior drilling straightness; it is equipped with a two-stage screw machine and an air system that ensures stability. Additionally, it includes long drilling rods to minimize the frequency of rod changes, a drill pipe lubrication system, a dry dust collection system, and protection for the drilling rods' threads. It also has a display function that shows drilling angles and depths, an automatic rod handling system to decrease labor intensity, an air-conditioned cab for a comfortable working environment, and an automatic control system for anti-jamming valves to reduce the likelihood of drill pipe sticking.The entire drilling rig set is governed by an electric system, offering high sensitivity and labor-saving operations.And it is characterized by its exceptional integrity,advanced automation, efficient drilling capabilities, environment-friendliness,energy conservation, simple operation, flexibility and safe mobility,etc.



技术参数 / Technical Parameters

凿岩硬度 /Drilling hardness	f=6-20
钻孔直径 /Drilling diameter	195-254 mm
经济凿孔深度（自动接杆深度） Depth of economical drilling (depth of automatic extension rod)	27m
行走速度 /Travelling speed	3.0 Km/h
爬坡能力°/Climbing capacity	25°
离地间隙 /Ground clearance	430 mm
整机功率 /Power of complete machine	563 Kw
柴油机 /Diesel engine	康明斯QSM15 77C /Cummins QSM15 77C
螺杆机 /Screw compressor	两级压缩39 m³/min/25 bar /Two stage compression 39 m³/min/25 bar
外形尺寸（长×宽×高）/Outer dimensions (L×W×H)	14300×3000×4100 mm
重量 /Weight	33930 Kg
回转器转速 /Revolving speed of gyrator	0-100/0-150 r/min
回转扭矩 /Rotary torque	6100 N·m
最大推拉力 /Maximum Feed force	70 KN
滑架俯仰角度 /Tilt angle of beam	132°
滑架摆角 /Swing angle of carriage	向右37°向左37°/Right 37°, left 37°
钻臂摆角 /Swing angle of drill boom	向右29°向左17°/Right 29°, left 17°
钻臂举升角度/Lifting angle of drill boom	向上55°向下13°/Up 55°, down 13°
车架调平角度 /Leveling angle of frame	向上10°向下10°/Up 10°, down 10°
补偿长度 /Compensation length	1800 mm
推进方式 //Method of propulsion	马达+滚子链 /Motor+roller chain
推进行程 /Feed stroke	9550 mm
冲击器 /DTH hammer	k8/8"
钻杆（Φ直径×钻杆长度）/Drilling rod (Φ× length of drilling rod)	Φ140×9000 mm
钻杆//Drilling rod	2+1
除尘方式 /Method of dust removal	干式（液压驱动旋风层流式）/湿式(可选) Dry (hydraulic cyclonic laminar flow)/wet (optional)
接杆方式 /Method of extension rod	半自动接卸杆 /Semi-automatic rod handling
自动防卡方式 /Method of automatic anti-jamming	电液控制防卡 /Electro-hydraulic control anti-sticking
钻杆润滑方式 /Method of drilling rod lubrication	自动喷油润滑 /Automatic oil injection and lubrication
钻杆螺纹保护 /Protection of thread of drilling rod	配有浮动接头保护钻杆螺纹 Equipped with the floating joint to protect the thread of drilling rod
钻进显示 /Drilling display	钻孔角度和钻孔深度实时显示 Real-time display of drilling angle and depth
安全驾驶室/Safe cab	符合防落石&防滚翻标准/Meet the requirements of FOPS&ROPS

