

JK 810

一体式全液压潜孔钻机
HYDRAULIC CRAWLER MOUNTED
DTH DRILLING RIG

JK 金科钻孔
www.jkzk.com



一直致于

您更好的钻凿感受

ALWAYS FOR YOUR BETTER DRILLING FEELING

金科钻孔与阿特拉斯一体化解决方案最具性价比的代表之作

The most cost-effective representation product of JK Drilling and Atlas Copco as the solution to the integration of drilling rig and air compressor

JK810——体式全液压潜孔钻机是一款可以为您带来更高自动化、更高钻进效率的产品，运行可靠，操作简单。标配有满足FOPS要求的驾驶室和自动换杆系统,加宽重型行走机构,在满足快速移动的同时兼顾更好的安全性，液压除尘系统可满足矿山的最新的环保要求，是现代绿色矿山开采的可靠解决方案。

JK810 is an All-In-One hydraulic DTH drilling rig, which brings you more automation, higher working efficiency, better reliability and simpler operation. The FOPS-approved cabin and automatic pipe handling system come standard. Heavy-duty undercarriage with wide tracks ensures both extreme maneuverability and improved safety. The hydraulic dust collecting system meets the latest environmental protection regulations and it's a reliable solution to realize the modern green mining.



回转机
双摆线马达回转装置，回转扭矩大，不容易卡钻，同时可以根据不同岩层调节回转速度。进口回转密封件，密封性好、寿命长。

Rotation unit
The equipped double cycloid motors can output massive torque and reduce possibility of pipe-stuck situation. And the rotation rate can be continuously adjusted according to different rock formations. The imported seals for the rotation unit is with extraordinary performance and long service life.



驾驶室
全封闭驾驶室配置带冷暖空调，FOPS达到欧美劳动保护标准。全方位安全玻璃视野清晰，使得驾驶者对各个角度准确掌控。超过400mm的离地间距，满足各种严苛路面通过要求，减少底盘碰撞可能。

Cabin
The sealed air-conditioned cabin is made with FOPS which meets EU and US safety protection standards. The all-around large safety windows offer great visibility and help the operator control the rig precisely from all angles. The high ground clearance of over 400mm suits varieties of tough terrain and minimizes the possibility of collision with ground.



空压机
采用阿特拉斯原装两级压缩机系统，可提供20Bar-18.5m³压缩气体强劲输出，性能可靠，适合于各种硬度岩石，实现更快进尺游刃有余。

Air compressor
The high-output Atlas Copco air compressor features two stages of compression, delivering pressure of 20bar and FAD of 18.5m³/min. Powerful and reliable, it suits rock formations of various hardness and offers high penetration rate with ease.



操纵台
操纵阀集中布置，采用大量手动量控油压操作系统，性能可靠，维修简单，便于钻机的各项操作控制。快速推进及提升操作，减少辅助时间，提高效率。推进力可调节控制，根据钻进需要随时调节。

Control panel
The concentrated levers make the operation more easier. The adoption of massive manual hydraulic operation systems ensures reliable performance, simple operation and low maintenance cost. Fast feeding and lifting decrease auxiliary time and increase working efficiency. Feeding force can be adjusted anytime if needed.



发动机
采用国III排放标准电喷涡轮增压水冷发动机，功率强大、省油；双级空气过滤系统保障入气清洁，大大降低发动机故障率。

Engine
The water-cooled EFI turbo engine offers more power, consumes less fuel and complies with the National III emission standard. The two-stage air filter system ensures intake of clean air and greatly reduces the engine failure rate.

除尘系统

高效全液压除尘器，带有滑动式捕尘罩。收尘效率高，性能稳定，有效的延长了钻机的使用寿命，保证作业人员的身体健康，环保效果好。

Dust collecting system

The efficient hydraulic dust collector is equipped with a sliding dust cover. It boasts high dust collecting efficiency and stable performance, extends the rig's service life and ensures a clean working environment for the operators.



底盘

采用工程机械四轮一带底盘，结构强度高，加宽履带行走平稳，爬坡能力强，凿岩作业时更加平稳。浮动式车架，前后浮动10°，行走高低双速可调，工地间转移快捷。

Undercarriage

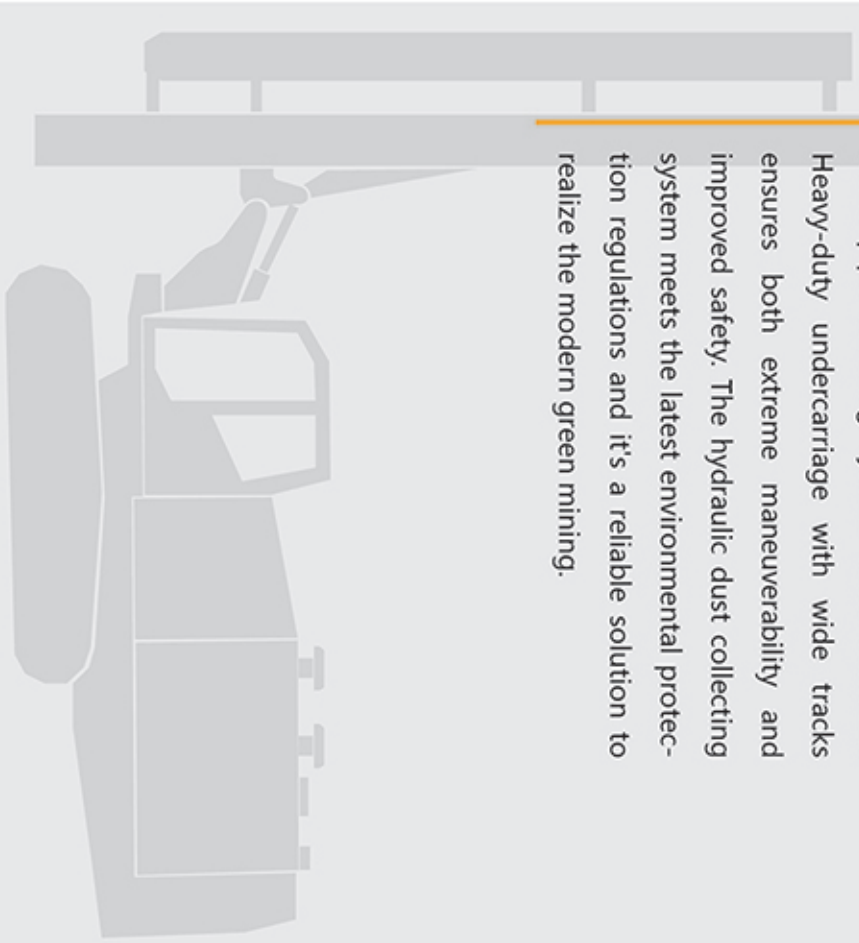
The heavy-duty undercarriage features robust structural strength, wide tracks and excellent grade ability, which all ensure better stability while drilling. The undercarriage can oscillate 10° back and forth, featuring adjustable dual speed and fast maneuverability between sites.

维护保养

维护保养便利，保养点和检查点触手可及，发动机舱布局合理，多个机罩门开合方便，使得保养和服务十分便捷。

Repair and maintenance

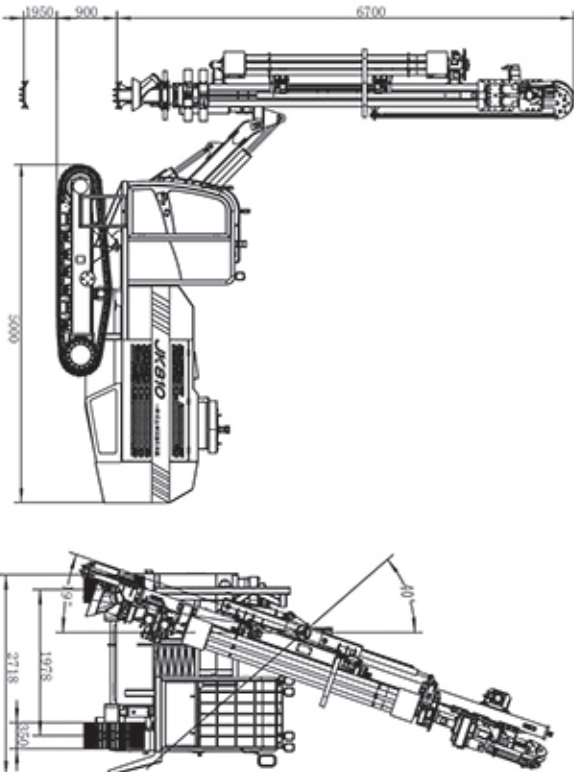
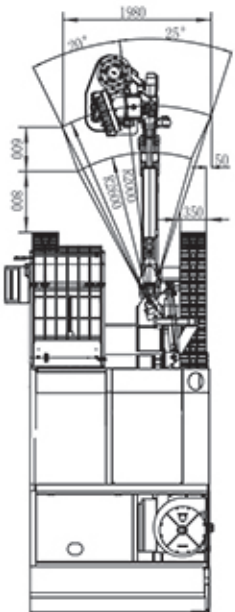
Maintenance and repair are very convenient thanks to that the maintenance and check points are easily accessible, engine compartment is well organized, and all service doors can be easily opened and closed.



更低的价格, 更高的配置

JK810颠覆您的想象

With less price and more equipment, JK810 is set to revolutionize your imagination.



技术参数Technical specifications

车体规格 General	
总质量 / Weight	14300 kg
全长 / Length	9920 mm
全宽 / Width	2400 mm
全高 / Height	3300 mm
钻杆储杆器 Drill pipe changer	
钻孔直径 / Drilling diameter	Φ90-Φ150mm
钻孔深度 / Drilling depth	21m
钻杆直径 / Pipe diameter	Φ76mm
钻杆长度 / Pipe length	3m
储杆能力 / Pipe capacity	6+1支/ Piece
冲击器规格 / Hammer specs	4" - 5"
空压机 Air compressor	
Atlas Copco 2级螺杆空压机 Atlas Copco two-stage rotary screw air compressor	
压力 / Working pressure	20bar
最大输出流量 / Max. FAD	18.5m³/min
推进梁 Feed	
推进行程 / Feeding stroke	3850 mm
推进补偿 / Feed extension	1100 mm

* JK810可以根据客户的实际使用情况进行功能定制。

发动机 Engine	
型 号 / Model	OSL8.9-C360-30
形 式 / Type	水冷6缸电喷柴油机 Water-cooled six-cylinder EFI diesel engine
额定功率 / Rated power	264kw/2100rpm
燃油箱容量 / Fuel tank capacity	450-500L
回转马达 Rotary motor	
回转速度 / Rotation rate	0-85rpm
最大扭矩 / Max. rotation torque	3300rpm
推进方式 Feeding method	马达驱动+锥轮链条式 Hydraulic motor + Chain
推进力 /Feeding force	12KN
提升力 /Lifting force	18KN
底 盘 Undercarriage	
履带宽 / Track width	350mm
离地间隙 / Ground clearance	≥400mm
履带架摆动角度 / Track oscillation	± 10°
行走速度 / Walking speed	2 / 3km/h
爬坡度 / Grade ability	20°
集尘器 Dust collector	
除尘方式 / Collecting method	全液压除尘 Hydraulic dust collecting

About us | 公司简介 |



金科公司专业研发、生产各种潜孔钻机的大型企业。现主要的产品有：JK830、JK810、JK730、JK650、JK590、JK610、JK550、JK468、CL351等系列潜孔钻机；JKS300系列、JKS400系列、JKS500系列、JKS600系列、JKS800系列、JKS1000系列、JKS1200系列、车载水井钻机等系列冲击式水井钻机。潜孔钻机广泛用于大、中、小型矿山、水电、交通、国防工程等土石方挖掘爆破工程，也可用于港口航道等水下岩石钻孔爆破作业。冲击式水井钻机广泛用于开凿水井、地温空调钻孔等大孔径、深孔作业。公司设有完善的售后服务和维修网络为客户提供强大的销售支持，产品深受国内外客户青睐。

在专业的钻机机械领域中，金科公司始终做为创新者，致力于为广大客户提供高品质，高新技术的产品。金科拥有自己的新产品研发中心，可以研制、生产先进、新型、高品质、低能耗的各种型号钻孔机械，全面通过ISO9001质量管理体系认证。金科公司座落于“中国钻机之乡”——宣化，这里交通便利，东临北京，西连晋蒙、宣大、京张、丹拉高速公路在这里交汇，京包铁路穿境而过，110、117、207国道广连全国，距首都机场仅150公里。金科公司近年的销量连年快速增长，其主导产品全系列履带式液压潜孔钻机市场占有率达到同类产品的60%以上。相知无远近，万里尚为邻，金科公司愿与您携手共创辉煌。

Zhangjiakou Xuanhua Jinke Drilling Machinery Co.,Ltd (JK Drilling) is a Chinese leading manufacturer of innovative drilling equipments including DTH blasthole drilling rigs (JK830, JK810, JK730, JK650, JK590, JK468, CL351, etc), tophammer blasthole drilling rig (JK410) and well drilling rigs (JKS300 series, JKs400 series, JKs500 series, JKs600 series, JKs800 series, JKs1000 series, JKs1200 series, etc) which are used for open-pit mining, quarrying, construction, deep well drilling of various purpose and other applications. Through its sophisticated network of after-sales service, JK Drilling provides the customers with fast and premium support to keep their equipment free of trouble. The products of JK Drilling have been well received by customers from domestic and abroad markets.

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