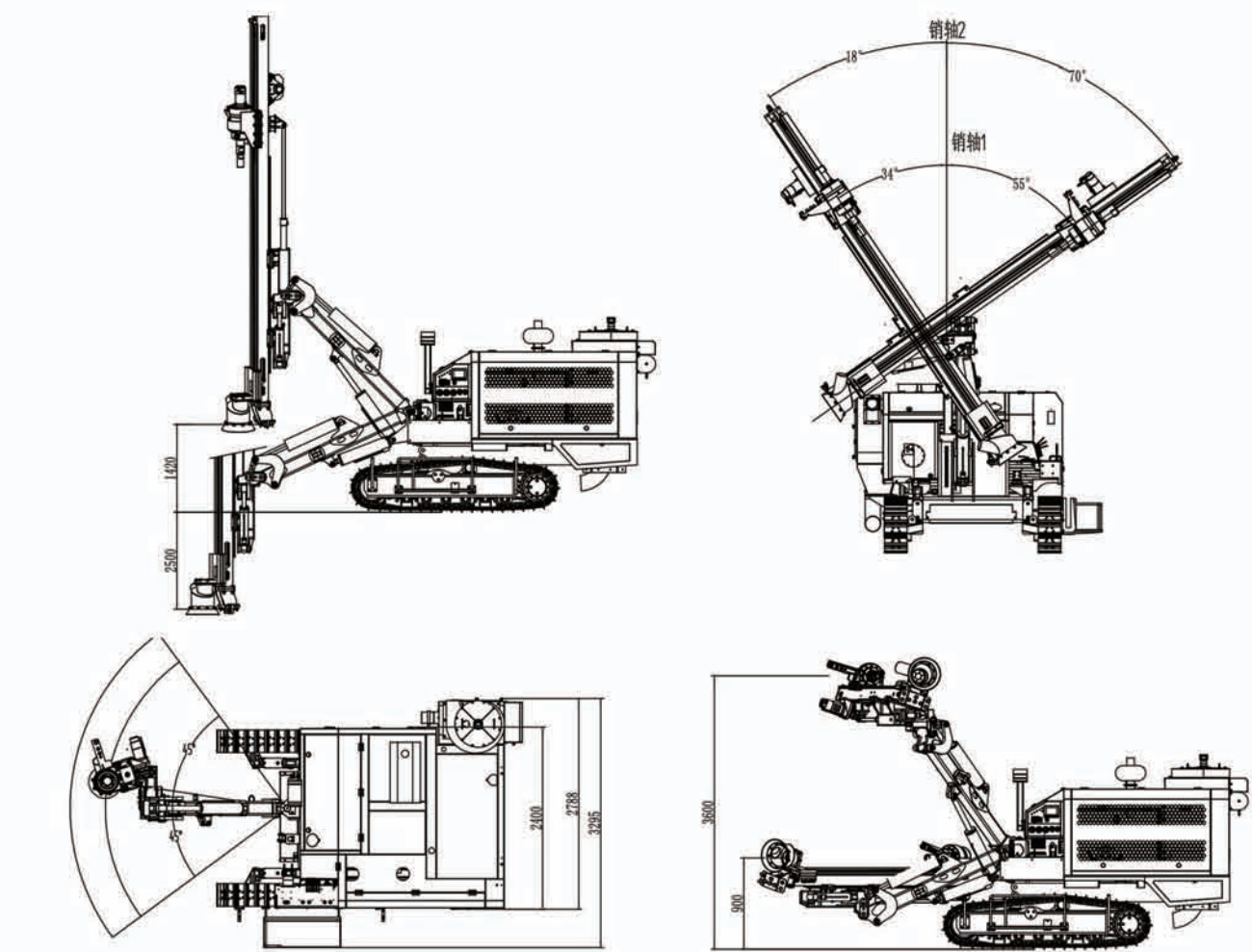


技术参数 Technical specifications					
车体规格 General	总质量 Weight	10000 kg	空压机 Air compressor	品牌 Brand	Atlas Copco
	全 长 Length	7863 mm		规格 Specs	17 bar / 17m³/min
	全宽 Width	2400 mm	回转马达 Rotary motor	回转速度 Rotation rate	0-70 rpm
	全高 Height	3080 mm		最大扭矩 Max. rotation torque	2904 Nm
底盘 Undercarriage	履带宽 Track width	300 mm		推进方式 Feeding method	马达驱动行星减速箱+链轮链条型式 Motor-driven planetary gearbox + Chain
	离地间隙 Ground clearance	370 mm		推进力 Feeding force	12 kN（设定压力80bar） 12 kN(set pressure 80bar)
	履带架摆动角 Track oscillation	± 10°		提升力 Lifting force	21 kN
	行走速度 Walking speed	2 km/h（低速low） 3 km/h（高速high）		推进行程 Feeding stroke	4148 mm
	爬坡度 Grade ability	27°	推进补偿 Feed extension	1200 mm	
发动机 Engine	型 号 Model	QSC8.3-C260-30	孔深孔径 Drilling depth & diameter	钻孔直径 Drilling diameter	90 mm-150 mm
	形 式 Type	水冷6缸电喷柴油机 Water-cooled six-cylinder EFI diesel engine		钻孔深度 Drilling depth	50 m
	额定功率 Rated power	194 kW/2100 rpm		钻杆长度 Pipe length	3 m
	燃油箱容量 Fuel tank capacity	400 L		钻杆直径 Pipe diameter	76 mm
集尘器 Dust collector	液压干式除尘 Dry type hydraulic dust collecting（选配湿式 Optional wet type dust collector）				



## About us | 公司简介 |



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 aftersales 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.

张家口市宣化金科钻孔机械有限公司  
地址：河北宣化开发区钟楼大街142号  
电话：0313-3046888 3046868  
传真：0313-3046358  
Http://www.jkzk.com  
E-mail:xhjkzk@126.com

Zhangjiakou Xuanhua Jinke Drilling Machinery.Co.,Ltd  
Address:No.142,Zhonglou street,Xuanhua,Hebei,China  
Telephone:0313-3046888 3046868  
Fax:0313-3046358  
Http://www.jkzk.com  
E-mail:xhjkzk@126.com

**JK 金科钻孔**  
www.jkzk.com



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# JK650 一体式 DTH drilling rig 潜孔钻机 ALL IN ONE



**JK 金科钻孔**  
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一直致力于您更好的钻凿感受  
Always for your better drilling feeling



## 金科钻机与阿特拉斯空压机强强联合， 性能出色的一体机带给您完全不一样的钻凿感受。

As the outcome of JK Drilling-Atlas Copco alliance applying expertise from both sides, the outstanding All-In-One drilling rig can offer you a totally different drilling feeling.

JK650一体式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。JK650钻机与空压机一体化设计，解决了矿山空压机移动与远距离管理以及压缩空气耗损，占用多余人力的传统难题。配备高性能液压除尘系统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。

JK650 is an All-In-One DTH drilling rig, which brings you more automation, higher working efficiency, better reliability and simpler operation. JK650 is the integration of drilling rig and air compressor, the design has many advantages like facilitating air compressor transport and management on mining site, retaining more air energy and requiring less manpower. The equipped high-performance hydraulic dust collecting system meets the latest environmental protection regulations and it's a reliable solution to realize the modern green mining.

### 底盘系统 Undercarriage

- 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。

- 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.

### 免维护推进机构 Maintenance-free feeding system

- 液压机械双重锁定，既保证液压马达的大扭矩稳定输出，使用寿命又比蜗轮蜗杆大大提高，机械锁定又杜绝液压内泄，防止下滑，二者结合，各取所长。
- 技术更先进，属于新一代产品，并不需要日常加油维护。

- Double locked hydraulic motor not only guarantees the stable output of high torque, but also features a longer service life than worm drive.
- Applied with more advanced technology, it's a new generation product that doesn't need routine lubrication maintenance.

### 钻臂 Drilling boom

多角度、加长型功能钻臂，钻孔范围更广，可钻水平孔、前后倾角孔、侧向倾角孔，比同类钻机钻孔工作扇形面积多 20%。

The flexible extended drilling boom has a large drilling coverage 20% more than other drilling rigs of the same class. It can drill in many positions like horizontal drilling and angled drilling.

### 回转系统 Rotation unit system

- 回转扭矩大，全新行星减速箱体比直齿型减速箱结构更紧凑，减速比大，扭矩传递效率更高运行更平稳，并不需要减震接头等附加部件进行减震，故障率更低，降低了日常维护成松散层不易卡钻，成孔率高。
- 进口回转密封件，密封性好，寿命长。
- 高分子衬板，耐磨、不需注油润滑，更方便。
- 锰钢机加导轨，架体坚固、导轨无磨损。

- Compared to the spur gearbox, the all new planetary gearbox has a more compact structure, larger gear reduction ratio, higher torque transmission efficiency, and runs more smoothly. Without the need of vibration damper, lowered failure rate means less routine maintenance cost. It also reduces pipe-stuck situations in unconsolidated formations and has a higher hole completion rate.
- The imported seals for the rotation unit is with extraordinary performance and long service life.
- Polymer liner plates are high resistant to abrasion, no need lubricating grease so the maintenance is easy and convenient.
- Manganese steel-made sliding rail of the feed boom has high strength structure and superior resistance to wear.

### 空压机系统 Air compressor

采用阿特拉斯原装压缩机系统，可提供 17Bar-17m³ 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。

The high-output Atlas Copco air compressor delivers pressure of 17bar and FAD of 17m³/min. Powerful and reliable, it suits rock formations of various hardness and offers high penetration rate with ease.

### 除尘系统 Dust collecting system

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。

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.

### 操作系统

- 操纵阀集中布置，便于钻机的各项操作控制。采用大量手动直控液压操作系统，性能可靠，操作简单，维护成本低。
- 立式、线控双行走操作系统，视野更宽，操纵更安全，适合工地的不同使用情况，设计更加安全化、人性化。
- 快速推进及提升操作，减少辅助时间，提高效率。推进力大小可根据钻进需要随时调节。

### 动力系统 Power train

- 采用国 III 排放标准电喷大功率涡轮增压水冷发动机，性能强大、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。
- 进口品牌液压油泵，耐压高，排量，质量更可靠，寿命更长。

- 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.
- The imported hydraulic pump features high pressure, large displacement, reliable quality and long service life.

### 维护保养 Repair and maintenance

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。

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.

### Operation system

- 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.
- Double walking control features manual control and wire remote control, providing the operator with much improved visibility and operation safety. Suitable to various working situations, and the design is more safety-orientated and user-friendly.
- Fast feeding and lifting decrease auxiliary time and increase working efficiency. Feeding force can be adjusted anytime if needed.