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孔山重工

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孔山重工作为一家专注凿岩领域的高新技术企业，孔山重工集研发、制造、销售与服务能力于一体，主营凿岩设备、桩工设备及移动空压机等，为全球客户提供高效、可靠、智能的凿岩解决方案。

依托浙江龙泉与广东顺德两大生产基地，建立起稳定的产能保障与严格的质量标准，产品性能与服务体系广受市场认可。

目前，孔山重工的销售网络已覆盖全国，并成功进入东南亚、中东、中亚、南美及非洲等新兴市场。未来，企业将坚持以技术创新为引擎，不断推出契合市场需求的前沿产品，为全球客户创造长期价值。

KOONSA Heavy Industry is a high-tech enterprise specializing in the field of rock drilling. Kongshan Heavy Industry integrates R&D, manufacturing, sales and service capabilities. It mainly operates rock drilling equipment, piling equipment and mobile air compressors, and provides efficient, reliable and intelligent rock drilling solutions to customers around the world.

Relying on two major production bases in Longquan, Zhejiang and Shunde, Guangdong, we have established stable production capacity guarantees and strict quality standards. Our product performance and service system are widely recognized by the market.

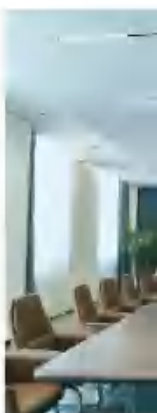
At present, Kongshan Heavy Industry's sales network has covered the whole country, and has successfully entered emerging markets such as Southeast Asia, the Middle East, Central Asia, South America and Africa. In the future, the company will insist on using technological innovation as its engine, continuously launch cutting-edge products that meet market needs, and create long-term value for global customers.



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KS168 履带式潜孔钻机

DTH DRILL RIG

KS168 专为高速公路边坡、隧道管棚、小型矿山需求设计，整机灵活机动、可靠耐用、环保高效，在市场上广受赞誉！

KS168 Specially designed for highway slopes, tunnel pipe sheds, small mines, the whole machine is flexible, reliable, durable, environmentally friendly and efficient, and is widely acclaimed in the market.



使用信息 USAGE INFORMATION

推荐孔径范围 Hole Diameter	单动力single motor: $\Phi 90-\Phi 120\text{mm}$ 双动力double motor: $\Phi 90-\Phi 200\text{mm}$
适用钻杆规格 Drilling Rod Specification	$\Phi 64/76$
适用冲击器 Hammer	4"/5"

运输尺寸 TRANSPORT DIMENSION

整机长度 Length	6300mm
整机宽度 Width	2200mm
整机高度 Height	2600mm
整机重量 Weight	5.8T

底盘参数 CHASSIS PARAMETER

最快行走速度 Maximum Travel Speed	3km/h
履带架俯仰角度 Crawler Frame Pitch Angle	$\pm 10^\circ$
底盘离地间隙 Ground Clearance	350mm
爬坡角度 Climbing Ability	35°

推进梁 PROPULSION BEAM

推进梁补偿行程 Compensating Length	1260mm
推进速度 Propulsion Speed	0.6m/s
最大推进力 Maximum Propulsion	1.2T
最大提升力 Maximum Lifting Force	1.8T
总长 Total Length	5060mm
推进行程 Propulsion Length	3200mm

液压回转动力头 HYDRAULIC ROTARY HEAD

动力头转速 Rotation Speed	65r/min
动力头扭矩 Rotation Torque	3800Nm
液压压力 Hydraulic Pressure	17Mpa

发动机参数 ENGINE PARAMETER

玉柴发动机 Yuchai Engine	满足国Ⅲ排放标准 National Stage III emission standards
额定功率 Rated Power	62.5kw
油箱容量 Fuel Tank Capacity	90L
集尘装置 Dust Collection	标配standard 干式dry typ 双级double stage
选配 Optional	水式除尘 waterborne dust collection

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KS669 履带式潜孔钻机

DTH DRILL RIG

KS669 集合了孔山的先进技术，以及丰富的本土制造经验，专为高强度矿山和工程钻孔作业设计，代表了分体式潜孔钻车的领先水平。专为硬岩工况设计，适应于大型有色金属矿、大型石料厂。

KS669 DTH Drill Rig gathers KOONSA advanced technology and rich local manufacturing experience, designed for high-intensity mining and engineering drilling operations, and represents the leading level of the split type DTH Drill Rig. Specially designed for hard rock working conditions, adapted to large non-ferrous metal mines, large stone quarries



使用信息 USAGE INFORMATION

推荐孔径范围 Hole Diameter 单动力single motor: $\Phi 90-\Phi 200\text{mm}$

双动力double motor: $\Phi 90-\Phi 300\text{mm}$

适用钻杆规格 Drilling Rod Specification $\Phi 64/76/89$

适用冲击器 Hammer $3\text{'}/4\text{'}/5\text{'}/6\text{'}/8\text{'}$

运输尺寸 TRANSPORT DIMENSION

长 Length 6500mm

宽 Width 2310mm

高 Height 2450mm

重量 Weight 6900kg

油箱容量 Fuel Tank Capacity 90L

集尘装置 Dust Collection 标配Standard 干式dry type 双级two-stage

选配 Optional 水式除尘 waterborne dust collection

发动机参数 ENGINE PARAMETER

玉柴发动机 Yuchai Engine

满足国II / III排放标准 National Stage II / III emission standards

发动机功率 Engine Power 73.5KW/75KW/92KW

液压马达驱动的推进梁 HYDRAULIC MOTOR DRIVEN PROPULSION BEAM

推进行程 Propulsion Length 3750mm

推进补偿 Advancing Compensation 1260mm

推进速度 Propulsion Speed 0.59m/s

推进力最大 Maximum Propulsion 1.2T

提升力最大 Maximum Lifting Force 3T

总长 Total Length 6300mm

液压回转动力头 HYDRAULIC ROTARY HEAD

最快转速 Maximum Rotation Speed 70rpm

最大扭矩 Maximum Rotation Torque 单马达single motor: 3800Nm

双马达double motor: 4800Nm

底盘参数 CHASSIS PARAMETER

行走速度 Travel Speed 3km/h

履带架调平角度 Crawler Frame Levelling Angle $\pm 13^\circ$

底盘离地间隙 Ground Clearance 320mm

爬坡能力 Climbing Ability 32°

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KS670 履带式潜孔钻机

DTH DRILL RIG

KS670潜孔钻机，采用先进自动换杆技术，实现钻杆快速更换，减少人工干预，提升连续作业能力；分体式结构设计，兼顾运输便利与复杂工况适应性。凭借强劲动力、稳定性能，为现代矿山开采提供高效、可靠的凿岩解决方案。

The KS670 DTH Drill Rig adopts advanced automatic rod-changing technology to achieve rapid drill rod replacement, reduce manual intervention, and improve continuous operation capabilities; the split structure design takes into account both transportation convenience and adaptability to complex working conditions. With strong power and stable performance, it provides efficient and reliable rock drilling solutions for modern mining.



使用信息 USAGE INFORMATION

钻孔孔径范围 Drill hole diameter range	Φ90-Φ165 mm
适用钻杆规格 Applicable drill pipe sizes	Φ76X3000 mm
适用冲击器规格 Suitable Impactor Specifications	3" 4" 5"
自动换杆数量 Number of automatic rod changes	6+1

液压回转动力头 HYDRAULIC ROTARY HEAD

回转动力头扭矩 Rotary power head torque	4000Nm
回转动力头最大转速	
Maximum speed of the rotary power head	70r/min

推进梁 PROPULSION BEAM

推进梁行程 Beam travel	3680mm
推进梁补偿行程 Advance the beam's compensation stroke	1200mm
推进速度 Feed rate	0.5M/s
推进力 Driving force	0-12KN
提升力最大 Maximum lifting force	24KN
推进梁总长 General Liang	7250mm

底盘参数 CHASSIS PARAMETER

行走速度 Walking speed	3Km/h
爬坡角度最大 Maximum climbing angle	30°
底盘离地间隙 Ground clearance	500mm
履带调平角度 Track Leveling Angle	±10°

发动机参数 ENGINE PARAMETER

发动机品牌 Engine Brand	玉柴股份
发动机型号 Engine Model	YC4A100-T302
发动机功率 Engine power	73.5KW

运输尺寸 TRANSPORT DIMENSION

整机长度 Length	7500mm
整机宽度 Width	2320mm
整机高度 Height	2900mm
整机重量 Weight	9.5T

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KS368

履带式潜孔钻机

DTH DRILL RIG

KS368 水式除尘：加水使用，使用简单，维护便捷，使用成本更低，更经济环保；对抑制粉尘飞扬，改善现场的工作环境，具有良好的效果。

辅助钻杆库：钻杆不落地，省时省力，可单人操作。

KS368 DTH Drill Rig Water-type dust removal: add water to use, easy to use, convenient maintenance, lower cost of use, more economical and environmentally friendly; it has a good effect on suppressing dust flying and improving the working environment of the site.

Auxiliary drill pipe storage: drill pipes do not fall to the ground, saving time and labour, and can be operated by a single person.



使用信息 USAGE INFORMATION

推荐孔径范围 Hole Diameter	单动力single motor: $\phi 90-\phi 200\text{mm}$ 双动力double motor: $\phi 90-\phi 350\text{mm}$
适用钻杆规格 Drilling Rod Specification	$\phi 76/89$
适用冲击器 Hammer	4"/5"/6"/7"/8"

运输尺寸 TRANSPORT DIMENSION

整机长度 Length	6500mm
整机宽度 Width	2240mm
整机高度 Height	2450mm
整机重量 Weight	7200kg

发动机参数 ENGINE PARAMETER

玉柴发动机 Yuchai Engine	满足国Ⅲ排放标准 National Stage III emission standards
额定功率 Rated Power	73.5kw
油箱容量 Fuel Tank Capacity	90L
集尘装置 Dust Collection	标配standard 干式dry typ 双级double stage
选配 Optional	水式除尘 waterborne dust collection

液压马达驱动的推进梁 HYDRAULIC MOTOR DRIVEN PROPULSION BEAM

推进行程 Propulsion Length	3750mm
推进补偿 Advancing Compensation	1260mm
推进速度 Propulsion Speed	0.59m/s
推进力最大 Maximum Propulsion	1.2T
拉拔力最大 Maximum Lifting Force	3T
总长 Total Length	5600mm
换杆方式 Rod Change Method	辅助换杆 auxiliary rod change

液压回转动力头 HYDRAULIC ROTARY HEAD

最快转速 Maximum Rotation Speed	70rpm
最大扭矩 Maximum Rotation Torque	单马达 single motor: 3800Nm 双马达double motor: 4800Nm

底盘参数 CHASSIS PARAMETER

最快行走速度 Maximum Travel Speed	3.5km/h
履带架俯仰角度Crawler Frame Pitch Angle	$\pm 12^\circ$
底盘离地间隙 Ground Clearance	500mm
爬坡角度 Climbing Ability	32°

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KS680

分体式顶锤钻机

TOP-HAMMER DRILL RIG

KS680根据一线客户施工环境需求，设计 $\Phi 50-90\text{mm}$ 小孔径顶锤式钻机，整机体积小，重量轻、行走速度快，越野能力强，可替代常规钻机无法进行作业的特殊工况施工。

适用于：静爆、小孔径药爆，如地下矿山开采、地铁、建筑基坑、城市工地、隧道等环境中的凿岩钻孔。

KS680 is designed for Top Drill Rig operations ($\Phi 50-90\text{mm}$) based on frontline customer requirements. Featuring a compact footprint, lightweight construction, rapid travel speed, and exceptional off-road capability, it replaces conventional rigs in challenging terrains where standard equipment cannot operate.

It is suitable for: static explosion, small hole diameter drug explosion, such as underground mining, underground, construction pits, urban construction sites, tunnels and other environments in the rock drilling and drilling.



使用信息 USAGE INFORMATION

推荐孔径范围 Hole Diameter	φ50mm~φ90mm
适用钎杆规格 Draging Rod Specifications	R32、T38、T45

推进系统 PROPUISSION SYSTEMS

推进梁总长 Propulsion Beam Length	6080mm
推进行程 Propulsion Length	4100mm
推进提升速度 Lifting Speed	600mm/s
最大提升力 Maximum Lifting Force	2.4T

凿岩机信息 ROCK DRILL INFORMATION

回转速度 Rotation Speed	155r/min
回转扭矩 Rotation Torque	830Nm
冲击能 Impact Energy	300J

运输尺寸 TRANSPORT DIMENSION

整机长度 Length	6500mm
整机宽度 Width	2200mm
整机高度 Height	2600mm
整机重量 Weight	6000kg

底盘参数 CHASSIS PARAMETERS

行走速度最快 Maximum Travel Speed	3km/h
爬坡角度 Climbing Ability	30°
离地高度 Ground Clearance	350mm
履带俯仰角度 Track Pitch Angle	±10

发动机参数 ENGINE PARAMETER

玉柴发动机 Yuchai Engine	非道路国Ⅲ排放标准 Off-road National III emission standards
额定功率 Rated Power	92kw
油箱容量 Fuel Tank Capacity	90L
集尘装置 Dust Collection	标配standard 干式dry typ 双级double stage
选配 Optional	水式除尘 waterborne dust collection

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KS188 一体式潜孔钻机

DTH DRILL RIG

孔山KS188是一款高度集成的一体式潜孔钻机，集空压机、液压动力与操控系统于一体，专为硬岩地层高效钻孔设计，适用于矿山爆破、大型石场，金属矿山等场景。

The Kongshan KS188 is a highly Integrated Rotary Air Drilling Rig, DTH Drill Rig that combines an air compressor, hydraulic power, and control systems into one unit. It is specifically designed for efficient drilling in hard rock formations and is suitable for applications such as mining blasting, large quarries, and metal mines.



适用范围 SCOPE OF APPLICATION

钻孔孔径范围 Hole Diameter	Φ90-Φ152mm
适用钻杆规格 Drilling Rod Specification	Φ76mm
存储钻杆数量 Number Of Drill Pipes Stored	6+1
最大钻孔深度 Maximum Drilling Depth	22m

钻臂 DRILL ARM

摆动角度(左/右) Swing Angle (Left/Right)	左 25° 右 30°
垂直开孔高度 Vertical Opening Height	1000mm
水平钻孔高度 Horizontal Drilling Height	3200mm

除尘参数 DUST REMOVAL PARAMETERS

滤芯数量 Number Of Filter Cartridges	14
过滤面积 Filter Area	14m²

推进梁 PROPULSION BEAM

推进梁长度 Advance Beam Length	7200mm
推进梁行程 Advance Beam Stroke	3680mm
推进速度 Propulsion Speed	0.8m/s
推进力 Propulsion	8-15KN
提升力最大 Maximum Lifting Force	24KN
推进梁摆动角度 (左/右) Advance Beam Swing Angle (Left/right)	左 90° 右 23°
推进梁摆动角度 (前/后) Advance Beam Swing Angle (Forward/backward)	前 30° 后 60°

运输尺寸 SHIPPING DIMENSIONS

长 Length	7800mm
宽 Width	2200mm
高 Height	3500mm

底盘 CHASSIS

履带宽度 Track Width	2200mm
离地距离 Ground Clearance	395mm
爬坡能力 Climbing Ability	30°
行走速度 Travel Speed	3Km/H
车体浮动角度 Body Floating Angle	±10°

发动机参数 ENGINE PARAMETER

发动机品牌 Engine Brand	玉柴股份
满足国Ⅲ排放标准 National Stage III Emission Standards	
发动机型号 Engine Model	YCA08280-T301
发动机功率 Engine Power	206KW
额定转速 Rated Speed	2200r/min
柴油箱容量 Diesel Tank Capacity	380L

液压系统 HYDRAULIC SYSTEM

系统压力 System Pressure	20Mpa
流量(主回路+辅助回路)flow Rate (Maincircuit + Auxiliary Circuit)	160L/min
液压油箱容量 Hydraulic Reservoir Capacity	200L

空压机 AIR COMPRESSOR

排气量 Displacement	18m³/min
排气压力 Exhaust Pressure	20bar

液压回转动力头参数 POWERHEAD PARAMETERS

动力头扭矩 Powerhead Torque	4800Nm
动力头转速 Spindle Speed	70r/min

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KS688 一体式潜孔钻机

DTH DRILL RIG

KS688一体式潜孔钻机集康明斯发动机与双级压缩机空压系统于一体，专为采石场、水泥矿山及中大型矿山工程打造，轻松应对露天开采中的严苛工况，适用于爆破孔钻凿及土石方施工。

The KS688 DTH Drill Rig integrates Cummins engine and two-stage compressor air pressure system. It is specially designed for quarries, cement mines and medium and large-scale drilling rigs. Built for mining engineering, it can easily cope with the harsh working conditions in open-pit mining and is suitable for blast hole drilling and earth and stone construction.



使用信息 USAGE INFORMATION

钻孔孔径范围 hole diameter	Φ90-Φ165mm
适用钻杆规格 drilling rod specification	Φ76/89mm
存储钻杆数量 Number of drill pipes stored	6+1
钻杆长度 Drill pipe length	4000mm
最大钻孔深度 Maximum drilling depth	28 m

除尘参数 DUST REMOVAL PARAMETERS

滤芯数量 Number of filter cartridges	24
过滤面积 Filter area	24m ²

推进梁 PROPULSION BEAM

推进梁行程 Advance beam stroke	5780mm
推进速度 propulsion speed	0.95m/S
推进力 propulsion	28KN
提升力最大 maximum lifting force	35KN

底盘参数 CHASSIS PARAMETER

履带宽度 Track width	2400mm
离地距离 Ground clearance	380mm
爬坡能力 climbing ability	25°
行走速度 travel speed	慢速 1.5Km/H 快速3.2Km/H

空压机 AIR COMPRESSOR

排气量 Displacement	20m ³ /min
排气压力 Exhaust pressure	20bar

钻臂 Drill arm

摆臂角度 (左/右) Swing Arm Angle (Left/Right)	左25° 右25°
俯仰 (上/下) Bow and scrape (up/down)	上28° 下33°
摆角(左/右) Swivel angle (left/right)	左23° 右92°
垂直钻孔 Vertical drilling	离地高1.2米



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液压回转动力头 HYDRAULIC ROTARY HEAD

液压力头扭矩 Hydraulic power head torque	4800Nm
液压力头转速 Hydraulic power head speed	0-120rpm

发动机参数 ENGINE PARAMETER

满足国二/三/四排放标准Meets China II/III/IV emission standards	
发动机品牌Engine Brand	康明斯 Cummins
发动机功率 Engine power	264KW/294kw

运输尺寸 SHIPPING DIMENSIONS

整机长度 Length	9000mm
整机宽度 Width	2500mm
整机高度 Height	2800mm
整机重量 Weight	15T

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KS710 一体式潜孔钻机

DTH DRILL RIG

KS710是一款可以为您带来更高自动化、更高钻进效率的一体式潜孔钻机，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新的环保要求，是现代绿色矿山开采的可靠解决方案。

The KS710 is an all-in-one down-the-hole (DTH) Drill Rig designed to deliver greater automation and drilling efficiency. It offers reliable performance and simple operation. Equipped as standard with a FOPS-compliant cab and an automatic drill rod changing system, along with a wide, heavy-duty undercarriage, it ensures both rapid mobility and enhanced safety. Its hydraulic dust collection system meets the latest environmental requirements for mining operations, making it a reliable solution for modern, eco-friendly mining.



使用信息 USAGE INFORMATION

推荐孔径范围 Hole Diameter	Φ90~Φ165mm
适用钻杆长度 Applicable Rod Length	Φ76/89x4000/5000mm
存钻杆数量 Number Of Drill Pipes Stored	6+1
适用冲击器 Suitable Impactors	3"/4"/5"/6"
最大钻孔深度 Maximun Drilling Depth	35m

液压系统 HYDRAULIC SYSTEM

液压系统压力 Hydraulic system pressure	25bar
行走额定压力 Rated operating pressure	24Mpa
推进额定压力 Rated pressure	8Mpa
回转额定压力 Rated pressure during rotation	19Mpa
液压油箱容积 Hydraulic tank capacity	400L
流量(主回路+辅助回路) Flow rate (main circuit+auxiliary circuit)	100L/min+100L/min+60L/min+100L/min

除尘参数 DUST REMOVAL PARAMETERS

过滤面积 Filter Area	24m²
滤芯数量 Number Of Filter Cartridges	24pcs

底盘参数 CHASSIS PARAMETER

履带长度/宽度 Track length/width	3300/2400mm
履带板宽度 Track plate width	350mm
离地间隙 Ground Clearance	380mm
爬坡能力 Climbing Ability	30°
行走速度 Travel Speed	3.2km/h
支重轮数量 Number of idler wheels	8x2
牵引力 Traction	110kN

驾驶室 DRIVER'S CAB

驾驶室满足防翻滚(ROPA) Cab Meets Roll-Over Prevention	
驾驶室满足防落物(FOPS) Cab Meets Fallout Prevention	
噪音限值 Noise limits	80dB
配置冷暖空调 Equipped with heating and cooling air conditioning	
配置可调整座椅 Adjustable seats	

液压回转动力头 HYDRAULIC ROTARY HEAD

回转扭矩 Rotation Torque	4800
回转速度 Rotation Speed	1~120

空压机ATLAS COPCOAIRCOMPRESSORS

空压机品牌Air Compressor Brands	阿特拉斯科普柯 Atlas Copco
空压机型号Air Compressor Model	Two-stage screw air compressor
排气压力Exhaust Pressure	20bar
排气量 Displacement	20m ³ /min

发动机参数 ENGINE PARAMETER

满足国II / III /IV排放标准 Complies with ChinaII / III /IVemission standards	
发动机品牌 Engine Brand	康明斯 CUMMINS
发动机型号Engine Model	QSL8.9-C360-30
发动机功率Engine power	264/294KW
发动机扭矩Engine torque	1600Nm@1400rpm
发动机燃油箱容量 Engine fuel tank capacity	700L

电/气路系统 ELECTRICAL/PNEUMATIC SYSTEMS

输入电压Input voltage	24v
前后照明灯 Front and rear lights	4x70W
推进梁照明灯 Beam Spotlight	2x70W
配置270%行程记录仪Configure the trip recorder	

推进梁 PROPULSION BEAM

推进梁长度Beam length	9900mm
推进行程 Advance Beam Stroke	5780mm
最大推进力 Maximum Propulsion	30KN
最大提升力 Maximum Lifting Force	35KN
最大拉拔力 Maximum Pulling Force	45KN
推进速度Feed rate	0.9m/s

运输尺寸 SHIPPING DIMENSIONS

整机长度 Length	10500mm
整机宽度 Width	2500mm
整机高度 Height	3400mm
整机重量 Weight	17T

灵活的钻机 适用于各种场合



KS777 全液压顶锤钻机

TOP-HAMMER DRILL RIG

KS777是一款灵活的多功能顶锤钻机，针对高要求建筑应用中的高性能而开发和设计。它还是中型采石作业中一种非常高效的替代设备。由于大臂的作业距离长，重心低，行走过程中也能使用液压支腿，即使在难以想象的恶劣地形条件下，该钻机的利用率仍然很高。该钻机配备了高输出功率和高生产力的高效的凿岩机。

The KS777 is a flexible multi-function Top Drill Rig developed and designed for high performance in demanding architectural applications. It is also a very efficient alternative device in medium-sized quarrying operations. Due to the long working distance of the boom and the low center of gravity, hydraulic legs can be used during walking, and the utilization rate of this drill is still very high even under unimaginable harsh terrain conditions. The drilling rig is equipped with a highly efficient rock drill with high output power and high productivity.



适用范围 SCOPE OF APPLICATION

钻孔孔径范围 Hole Diameter	Φ76-Φ120mm
适用钻杆规格 Drilling Rod Specification	T45/T51/T60E
存储钻杆数量 Number Of Drill Pipes Stored	7
最大钻孔深度 Maximum Drilling Depth	26m

除尘参数 DUST REMOVAL PARAMETERS

滤芯数量 Number Of Filter Cartridges	14
过滤面积 Filter Area	14m²

空压机 AIR COMPRESSOR

排气量 Displacement	12m³/min
排气压力 Exhaust Pressure	12bar

驾驶室 DRIVER'S CAB

驾驶室满足防翻滚 (ROPS) Cab meets roll-over prevention (ROPS)	
驾驶室满足防落物 (FOPS) Cab meets fallout protection (FOPS)	
空调功率 Air Conditioning Capacity	5KW

推进梁 PROPULSION BEAM

推进梁长度 Advance Beam Length	7345mm
推进梁行程 Advance Beam Stroke	4280mm
推进速度 Propulsion Speed	0.95m/s
推进力 Propulsion	8-15KN
提升力最大 Maximum Lifting Force	20KN
推进梁摆动角度 (左/右) Advance Beam Swing Angle (Left/Right)	左 36° 右 95°
推进梁摆动角度 (前/后) Advance Beam Swing Angle (Forward/Backward)	前 30° 后 90°

钻臂 DRILL ARM

摆动角度(左/右) Swing Angle (Left/Right)	左 26° 右 23°
垂直开孔高度 Vertical Opening Height	上 3.1m 下 4.7m
水平钻孔高度 Horizontal Drilling Height	7m
垂直钻孔覆盖范围 Vertical Drilling Coverage	17m²

底盘参数 CHASSIS PARAMETER

履带宽度 Track Width	2490mm
离地距离 Ground Clearance	445mm
爬坡能力 Climbing Ability	30°
行走速度 Travel Speed	3.6Km/H
车体浮动角度 Body Floating Angle	±12°

发动机参数 ENGINE PARAMETER

满足国II / III /IV排放标准 National Stage II / III /IV emission standards	
发动机品牌 Engine Brand	康明斯 CUMMINS
发动机型号 Engine Model	B6.7CS4 260C
发动机功率 Engine Power	194KW
额定转速 Rated Speed	2200r/min
柴油箱容量 Diesel Tank Capacity	395L

凿岩机参数 ROCK DRILL SPECIFICATIONS

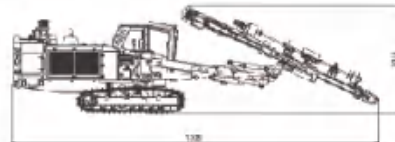
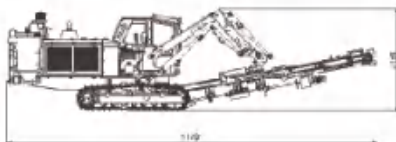
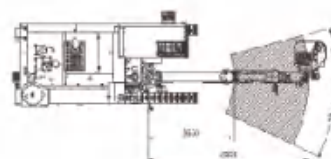
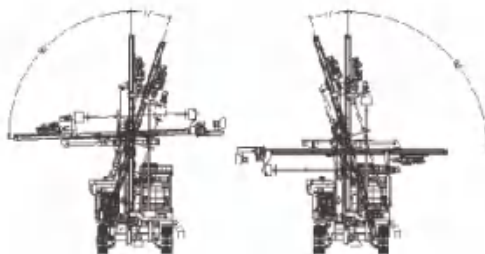
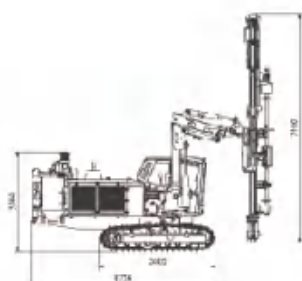
凿岩机品牌 Rock Drill Brands	WOSERLD
凿岩机型号 Rock Drill Model	A25AX
凿岩机冲击功率 Rock drill impact power	25KW
凿岩机频率 Rock Drill Frequency	44-55Hz
凿岩机 冲击压力 Rock Drill Impact Pressure	230bar
凿岩机回转扭矩 Rock Drill RotationTorque	1970Nm
冲击能 Impact energy	560-450J

液压系统 HYDRAULIC SYSTEM

系统压力 System Pressure	20Mpa
流量(主回路+辅助回路)Flow Rate (MainCircuit + Auxiliary Circuit)	285+75 L/min
液 压 油 箱 容 量 Hydraulic ReservoirCapacity	205L

运输尺寸 SHIPPING DIMENSIONS

长 Length	12500mm
宽 Width	2490mm
高 Height	3200mm
重量 Weight	16T



中国南极

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KS666

微型桩钻机

MICRO PILE DRILLING RIG

KS666微型桩钻机是一款多功能工程钻机，集高效、灵活与稳定性于一体，专为大孔径、高精度钻孔作业设计。它广泛应用于微型桩、光伏孔、锚杆孔、跟管孔、爆破孔等施工领域，具备良好的地质适应性与操作便捷性，能够显著提升施工效率与成孔质量。

The KS666 Micro Pile Drilling Rig is a versatile engineering drilling machine that combines high efficiency, flexibility, and stability. It is specifically designed for large-diameter, high-precision drilling operations.

Widely used in micro pile, photovoltaic hole, anchor bolt hole, casing hole, and blasting hole construction, it offers excellent geological adaptability and operational convenience, significantly enhancing construction efficiency and hole quality.



使用信息 USAGE INFORMATION

钻孔孔径范围 Hole Diameter	Φ115-Φ500mm
适用钻杆规格 Drilling Rod Specification	Φ76/89/102/114
适用冲击器 Hammer	4"/5"/6"/8"/10"/12"
适用麻花钻杆 Applicable Twist Drill Rods	与钻孔直径相一致 corresponding to the diameter of the drilled hole

底盘参数 CHASSIS PARAMETERS

履带外宽 Crawler Outer Width	2300mm
底盘调平角度 Chassis Levelling Angle	±13°
爬坡能力 Climbing Ability	≤25°
行走速度 Travel Speed	3km/h
标准配备 Standard Equipment	上位操作、脚踏板和钻杆架 Upper operation, foot pedal and drill pipe holder

推进梁 PROPULSION BEAM

推进行程 Propulsion Length	4100mm
推进补偿 Advancing Compensation	1260mm
推进速度 Propulsion Speed	0.5m/s
推进力 Propulsion	1.2T
提升力最大 Maximum Lifting Force	4T
大梁前摆动角度 Propulsion Beam Front Swing Angle	±30°

液压回动力头 HYDRAULIC ROTARY POWER HEAD

额定转速 Rated Speed	40/80r/min两档 two-stage
最大扭矩 Maximum Rotation Torque	4000/8500Nm
动力头钻杆螺纹 Power Head Drill Pipe Thread	API2 1/3REG

选装配置 OPTIONAL EQUIPMENT

吸尘器 Dust Collector	干式/湿式吸尘器(选装) Dry/wet dust collector (optional)
卷扬 A Whirlwind	2T
绞盘 A Capstan	5T
油箱容量 Fuel Tank Capacity	90L

发动机参数 ENGINE PARAMETER

玉柴国三发动机 Yuchai national stage III emission standards	
额定功率 Rated Power	73.5kw @2200r/min
推荐工作转速 Recommended Operating Speed	1500r/min

运输尺寸 TRANSPORT DIMENSION

整机长度 Length	7000mm
整机宽度 Width	2300mm
整机高度 Height	2760mm
整机重量 Weight	8100kg (不含钻具 Excluding drilling tools)

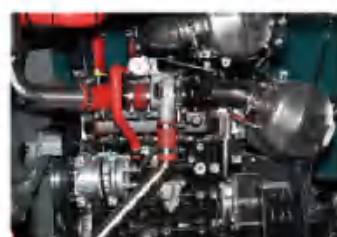


KS666 Ultra

微型桩钻机 MICRO PILE DRILLING RIG

KS666Ultra履带式液压多功能微型桩钻机，凭借紧凑结构与卓越机动性，堪称建筑工地、砂石骨料厂、水泥厂及石灰石采石场等工程中的爆破孔、套管孔、锚索孔、引孔桩、微型桩孔等，钻孔作业的理想选择。该钻机采用模块化简洁设计，维护和操作便捷高效，是一款坚固可靠的钻孔利器。

The KS666Ultra tracked hydraulic multi-purpose micro-pile drill, with its compact design and exceptional maneuverability, is the ideal choice for drilling operations such as blast holes, casingholes, anchor holes, pilot holes, and micro-pile holes in construction sites, sand and gravel plants, cement plants, and limestone quarries. Featuring a modular, streamlined design, this rig offers convenient and efficient maintenance and operation, making it a robust and reliable drilling solution.



使用信息 USAGE INFORMATION

钻孔孔径范围 Range of drill hole diameters	Φ90-Φ500mm
适用钻杆规格 Applicable drill pipe sizes	Φ3000-5000mm
最高水平钻孔高度 Maximum drilling depth	3440mm
适用冲击器 Compatible impactors	5/6/8/10/12
适用麻花钻直径一致 For same-dia twist drills	
最大套管直径 Maximum casing diameter	300mm
高压旋喷 High-pressure jet grouting	单管/双管 ST/DT

发动机参数 ENGINE PARAMETER

玉柴/康明斯/珀金斯 国III / IV / 欧五发动机	
Yuchai/Cummins/Perkins national stage III / IV / Euro 5 emission standards	
额定功率 Rated Power	92kw/96kw/100kw
推荐工作转速 Recommended operating speed	1600r/min

液压系统 HYDRAULIC SYSTEM

液压系统压力 Hydraulic system pressure	200bar
推进压力 Feed pressure	50-70bar

选装装置 OPTIONAL EQUIPMENT

除尘器 Dust collector	湿式除尘器(选装) Wet Scrubber(Optional)
	遮阳棚(选装) Sunshade (optional)

推进梁 PUSH BEAM

推进行程 Implementation Timeline	5500mm
推进补偿 Advance payment	1260mm
推进速度 Feed rate	0.5m/s
推进力 Driving force	12kN
提升力(最大) Lifting Capacity (Max.)	40kN
大梁前摆动角度 Front sway angle of the main beam	左90° 右20°
上下夹杆器开口宽度 Jig opening width	305mm
推进梁偏转角度 Beam deflection angle	45°
卷扬 Winch	2吨

底盘参数 CHASSIS PARAMETER

底盘调平角度 Chassis Leveling Angle	±12°
爬坡能力 Hill-climbing ability	≤25°
底盘离地高度 Ground clearance	310mm
行走速度 Walking speed	3.0km/h
三筋履带外宽 Outer width of three-rib tracks	2300mm
标准配备 Standard Equipment	脚踏板和钻杆架 Footrest and drill rod rack

液压回转动力头HYDRAULIC ROTARY POWERHEAD

额定转速 Rated speed	0-150r/min
额定扭矩 Rated torque	4500/9000Nm
动力头钻杆螺纹 Powerhead Drill Pipe Threads	API NC26

环境要求 ENVIRONMENTAL REQUIREMENTS

使用环境温度 Ambient Temperature	-20°C~48°C
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推荐的油品 RECOMMENDED OILS

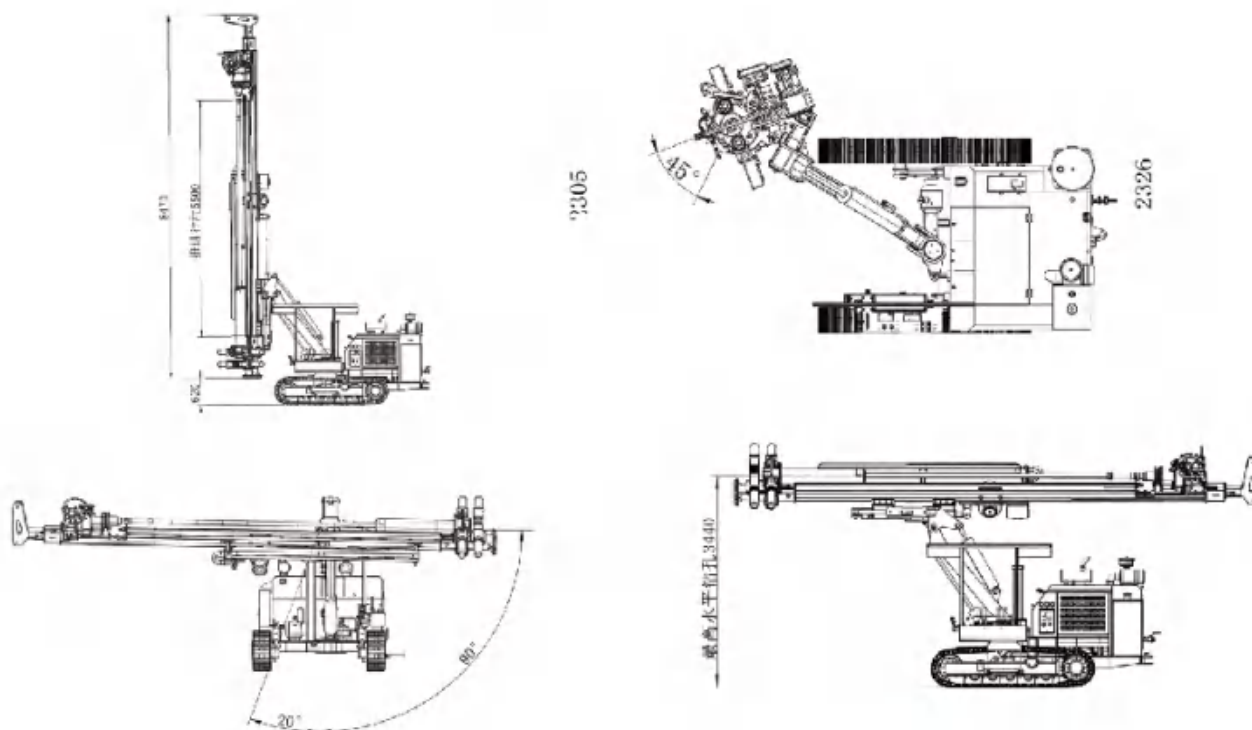
推荐的机油 Recommended oils	
使用符合API CK-4(CJ-4)/ACEA E9-16/ Perkins DEO-ULS及以上标准的机油	
液压油 Hydraulic oil	HM46#抗磨液压油 Anti-Wear Hydraulic Oil
润滑油 Lubricating oil	CD15W-40
黄油 butter	NLGI2锂基/钼基添加剂 Li Add/Mo Add

容积 VOLUME

柴油箱 Fuel tank	170L
液压油箱 Hydraulic oil tank	100L
油底壳 oil pan	最多11.6L, 最少10.1L
水罐 Water tank	180L
油雾器 Oil atomizer	60L
尿素箱 Urea tank	25L

运输尺寸 SHIPPING DIMENSIONS

整机长度 Length	8470mm
整机宽度 Width	2320mm
整机高度 Height	2810mm
整机重量 Weight	8600kg(不含钻具)(excluding drilling tools)



一機多用 水氣兩用



KS800 多功能锚杆钻机

MULTIFUNCTIONAL ANCHOR DRILLING RIG

KS800 水气两用，一机多用抗浮锚杆、锚索锚固、边坡支护、高压旋喷、隧道灌浆、潜孔入岩、基坑套管、取芯钻进、微型桩、钢管桩等。

KS800 Multi-functional Anchor Drilling Rig: water and gas are dual-use, one machine is multi-purpose. It is suitable for anti-floating anchor, anchor cable anchoring, slope support, high-pressure rotary spraying, tunnel grouting, submerged hole into the rock, pit casing, core drilling, miniature piles, steel pipe piles and so on.



使用信息 USAGE INFORMATION

钻孔直径 Hole Diameter	Φ90-Φ500mm
钻孔最大深度 Hole Depth	200m
钻杆直径 Rod Diameter	Φ76/89/102/114mm
适用冲击器 Hammer	3" /4" /5" /6" /8" /10" /12"
套管 Pipe Casing	101-219mm
高压旋喷 High-pressure Rotary Spray	单管/双管 single/double tube

油缸驱动的推进梁 CYLINDER-DRIVEN PROPULSION BEAM

一次推进行程 Single Propulsion Length	3600mm
水平钻孔高度 Horizontal Drilling Height	2750mm
夹杆器最大 Gripper Diameter	200mm
推进梁补偿行程 Advancing Compensation	1260mm
最大提升力 Maximum Lifting Force	6T
最大推进力 Maximum Propulsion	3.3T
最快提升速度 Maximum Lifting Speed	29m/min
最快推进速度 Maximum Propulsion Speed	53m/min
回转马达左右 Rotary Motor Left And Right	180°

电动机 ELECTRIC MOTOR

整机功率 Power	55+18.5kw
输入电压 Input Voltage	380v
离地高度 Ground Clearance	335mm
重量 Weight	7.9T
长x宽x高 Length X Width X Height	6.3x2.2x2.6m
选配 Optional	液压卷扬 hydraulic winches 油雾器 oil mist 水罐 water tanks

动力头 POWER HEAD

输出转速 Output Speed	0-170r/min
输出扭矩 Output Torque	9000N.m

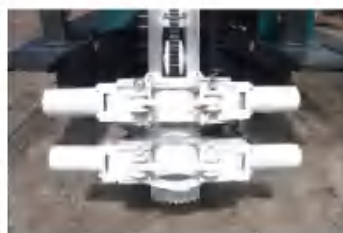


KS810 柴动版锚杆钻机

TUNNEL DRILLING RIG

KS810锚杆钻机是一款高效节能的多功能施工设备，它具备强劲的动力头扭矩和侧移功能，能够适应抗浮锚杆、锚索锚固、边坡支护等多种施工工艺需求。其配备的节能高效液压系统和高性能柴油发动机，保证了在各种复杂环境下的稳定工作性能，适用于高压旋喷、隧道灌浆、潜孔入岩等多种工程场景等。

KS810 Anchor Drilling Rig is a highly efficient and energy-saving multi-functional construction equipment with strong power head torque and side-shift function, which is able to adapt to the needs of a variety of construction processes such as anti-floating anchors, anchor cable anchoring, slope support and so on. It is equipped with energy-saving and high-efficiency hydraulic system and high-performance diesel engine, which ensures stable working performance in various complicated environments, and is suitable for high-pressure rotary spraying, tunnel grouting, submerged hole into the rock and other engineering scenarios and so on.



使用信息 USAGE INFORMATION

钻孔直径 Drilling Diameter	Φ90-Φ500mm
钻孔最大深度 Maximum Drilling Depth	200m
钻杆直径 Applicable Drill Pipe Specification	Φ76/89/102/114mmmm
适用冲击器 Applicable Impactors	3" /4" /5" /6" /8" /10" /12"
套管 Casing	101-219mm
高压旋喷 High Pressure Cyclone	单管/双管

整机运输尺寸 TRANSPORTATION DIMENSION

整机运输尺寸 Transportation Dimension	6.3 X 2.2 X 2.65m
整机设计重量 Design Weight	8.1T
选配 Optional	液压卷扬 / 油雾器 / 水罐

发动机参数 ENGINE PARAMETER

发动机功率 Engine Power	92KW
发动机排放标准 Engine Emission Standard	国三
发动机品牌 Engine Brand	玉柴股份

油缸驱动的推进梁 CYLINDER-DRIVEN PROPULSION BEAM

提升驱动方式 Lifting Drive Type	油缸+链条
一次推进行程 One Push Stroke	3600mm
水平钻孔高度 Horizontal Drilling Height	2750mm
夹杆器最大开口 Maximum Opening Of Clamping Rod	200mm
推进梁补偿行程 Compensating Stroke Of Push Beam	1260mm
最大提升力 Maximum Lifting Force	6T
最大推进力 Maximum Pushing Force	3.3T
最大提升速度 Maximum Lifting Speed	29m/min
最大推进速度 Maximum Propulsion Speed	53m/min
回转马达左右 Slewing Motor Left And Right	180°
动力头输出转速 Output Speed Of Power Head	0-170r/min
动力头输出扭矩 Output Torque Of Power Head	4000/8000Nm

一機多用 水氣兩用



KS900 顶驱锚杆钻机

TOP DRIVE ANCHOR DRILLING RIG

KS900顶驱锚杆钻机动力头，采用大功率顶部冲击，不用潜孔锤和空压机就可以达到冲击钻进的效果，大扭矩、高转速、强功率。针对砂卵石、碎石、夹石土、沙层等易塌孔要靠冲击钻进的地层，实现快速钻进，确保成孔质量。

KS900 Top Drive Anchor Drilling Rig power head, adopting high power top impact, can achieve the effect of impact drilling without the use of submerged hammer and air compressor, with high torque, high rotation speed and strong power. For the sand pebbles, gravel, sandy soil, sand layer and other formations that are easy to collapse the hole to rely on percussion drilling, to achieve rapid drilling to ensure the quality of the hole.



使用信息 USAGE INFORMATION

钻孔范围 Drilling Range	Φ100-Φ250mm
钻孔最大深度 Maximum Borehole Depth	潜孔钻进300m
夹杆器最大开口 Maximum Opening Of Rod Clamp	300mm

凿岩机信息 ROCK DRILL INFORMATION

动力头转速 Rotation Speed	0-110r/min
动力头扭矩 Rotation Torque	15000Nm

底盘参数 CHASSIS PARAMETER

车架回转角度 Frame Swivel Angle	±179°
车架离地高度 Frame Height From The Ground	335mm

冲击机构 PERCUSSION MECHANISM

工作压力 Oil Pressure	180bar
工作流量 Oil Flow	130l/min
冲击频率 Frequency	2500bpm
单次冲击功 Percussion Energy	800Nm

推进系统 PROPUISSION SYSTEMS

一次推进行程 Single Actuation Stroke	3600mm
水平钻孔高度 Horizontal Bore Height	3000mm
推进梁补偿行程 Compensating Stroke Of The Thrust Beam	1260mm
最大提升力 Maximum Lifting Force	10T
最大推进力 Maximum Propulsion	4T
最快提升速度 Fastest Boost Speed	23M/min
最快推进速度 Maximum Propulsion Speed	50M/min

电动机 ELECTRIC MOTOR

整机功率(电动) Overall Power (Electric)	55kw+55kw
输入压 Input Voltage	380V 50Hz
整机长度 Length	6600mm
整机宽度 Width	2200mm
整机高度 Height	2600mm
整机重量 Weight	10T

全方位多角度 凿岩钻孔

OMNIDIRECTIONAL AND
MULTI-ANGLE ROCK DRILLING

诚信 安全 和谐 精凿
Sincerity Safety Harmony Chisel



KS691

履带式隧道钻机

CRAWLER TUNNEL DRILLING RIG

KS691 钻机替代传统水磨钻，实现在硬岩连续孔的快速钻进，相比较传统潜孔钻机更适用于隧道管棚孔和边坡锚索孔钻进。钻进钻机能向前、上、下、左、右多方位钻孔，适用更广泛。

KS691 drilling rig replaces the traditional water mill drilling, realizes the fast drilling in the hard rock continuous hole, compared with the traditional down hole drilling rig is more suitable for the tunnel pipe scaffolding hole and slope anchor hole drilling. The drilling rig can drill forward, up, down, left, right and multi-faceted holes, which makes it more suitable for a wide range of applications.



使用信息 USAGE INFORMATION

钻孔直径 Hole Diameter	Φ90-Φ250mm
钻孔最大深度 Maximum Borehole Depth	50m
钻杆直径 Pipe Diameter	Φ76 Φ89 mm

液压回转动力头 HYDRAULIC ROTARY HEAD

动力头转速 Rotation Speed	65r/min
动力头扭矩 Rotation Torque	3800Nm
液压压力 Hydraulic Pressure	19Mpa

运输尺寸 TRANSPORT DIMENSION

整机长度 Length	9000mm
整机宽度 Width	2200mm
整机高度 Height	2600mm
整机重量 Weight	8.8T

底盘参数 CHASSIS PARAMETER

行走速度 Travel Speed	3km/h
底盘俯仰角度 Chassis Pitch Angle	±10°
底盘离地间隙 Ground Clearance	330mm

推进系统 PROPULSION SYSTEMS

推进梁总长 Propulsion Beam Length	6400mm
推进行程 Propulsion Length	3600mm
水平钻孔高度 Horizontal Bore Height	5450mm
推进提升速度 Lifting Speed	600mm/s
最大提升力 Maximum Lifting Force	2.4T
提升方式 Lifting Mode	马达+减速机+链条

发动机参数 ENGINE PARAMETER

玉柴发动机 Yuchai Engine	满足国Ⅲ排放标准 National Stage III emission standards
额定功率 Rated Power	62.5kw
油箱容量 Fuel Tank Capacity	90L
选配 Optional	湿式除尘 waterborne dust collection



KS692

隧道钻机

TUNNEL DRILLING RIG

KS692专为 $\Phi 50\sim 90\text{mm}$ 孔径的锚杆孔、爆破孔、探测孔等凿岩钻孔设计，广泛应用于全断面公路隧道、高铁隧道、国防涵洞、地下矿山开采等领域。具有稳定高效、钻孔 360° 全方位覆盖、精准流畅、操作简单、维护便捷等特点。

KS692 is designed for $\Phi 50\sim 90\text{mm}$ aperture anchor holes, blasting holes, probe holes and other rock drilling drilling holes, widely used in full-section highway tunnels, high-speed rail tunnels, defense culverts, underground mining and other fields. It is characterized by stability and high efficiency, 360° omni-directional drilling coverage, precision and smoothness, simple operation and convenient maintenance.



使用信息 USAGE INFORMATION

钻孔直径 Drilling Diameter	Φ50—Φ90mm
适用杆规格 Rod Specification	T38 T45
适用杆长度 Applicable Rod Length	5200mm
一次钻孔深度 Drilling Depth	4500mm

凿岩机信息 ROCK DRILL INFORMATION

凿岩机功率 Rock Drill Power	18KW
凿岩机回转转速 Rock Drill Rotary Speed	250r/min
凿岩机回转扭矩 Rotary Torque Of Rock Drill	830Nm

油电混合 OIL-ELECTRIC MIXING

发动机 ENGINES(OIL-ELECTRIC MIXING)

发动机品牌 Rock Drill Power	玉柴股份
发动机排放标准 Rock Drill Rotary Speed	国三
发动机功率 Rotary Torque Of Rock Drill	92KW
选配 Optional	湿式除尘 waterborne dust collection

电动机 ELECTRIC MOTOR

电动机额定功率 Motor Rated Power	75kw
电动机额定电压 Motor Rated Voltage	380V

整机运输尺寸 TRANSPORTATION DIMENSION

整机设计重量 Design Weight Of The Whole Machine	9T
整机运输尺寸 Transportation Dimensions	长11.2 x 2.2 x 2.8

推进梁 PROPULSION BEAM

推进梁行程 Advance Beam Stroke	4650mm
推进梁补偿行程 Compensating Stroke Of Push Beam	1200mm
推进速度 Propulsion Speed	0.8m/s
推进力 Propulsion	5—12KN
推进梁长度 Advance Beam Length	7720mm

施工案例图

KOONSA
孔山重工

