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孔山重工是一家集液压钻机、桩工钻机、隧道钻机、水井钻机及挖掘机属具研发、制造、销售及服务于一体的工程机械制造企业。产品广泛应用于水利、水电、公路、铁路、隧道、露天采矿、采石场等领域。

多年来公司凭借雄厚的技术实力，优质成熟的产品，完善的服务体系，取得了迅猛的发展，在广东顺德、浙江龙泉建立生产基地。公司技术水平国内领先，产品质量过硬，深受客户好评。公司现已经建立起一个比较全面的销售网络，遍及全国、东南亚、中东、欧洲、非洲等国家地区。

未来，孔山重工将充分发挥自身优势，继续瞄准国际先进技术水平，不断进行技术创新、设备创新、服务创新、和管理方式创新来继续研发出更多满足未来发展需要的工程机械产品，推动我国的工程机械事业的发展。

KOONSA Heavy Industry is a construction machinery manufacturing enterprise integrating R&D, manufacturing, sales and service of hydraulic drilling rigs, piling rigs, tunnel drilling rigs, water well drilling rigs and excavator attachments. The products are widely used in the fields of water conservancy, hydropower, highway, railway, tunnel, open-pit mining, quarry and so on.

Over the years, the company has achieved rapid development by virtue of strong technical strength, high quality and mature products, perfect service system, and established production bases in Shunde, Guangdong and Longquan, Zhejiang. The company's technical level of domestic leading, product quality is excellent, well received by customers. The company has now established a more comprehensive sales network throughout the country, Southeast Asia, the Middle East, Europe, Africa and other countries and regions.

In the future, Kongshan Heavy Industry will give full play to its own advantages, continue to aim at the international advanced technology level, and continue to carry out technological innovation, equipment innovation, service innovation, and management innovation to continue to research and develop more to meet the needs of the future development of construction machinery products, and to promote the development of China's construction machinery industry.





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KS168 履带式潜孔钻机

CRAWLER TYPE DOWN HOLE DRILLING 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.

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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 CRAWLER TYPE DOWN HOLE DRILLING 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 Down Hole Drilling 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 Down Hole Drilling Truck. Specially designed for hard rock working conditions, adapted to large non-ferrous metal mines, large stone quarries

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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"/4"/5"/6"/8"

运输尺寸 TRANSPORT DIMENSION

长 Length	6500mm
宽 Width	2310mm
高 Height	2450mm
重量 Weight	6800kg
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III排放标准 National Stage III emission standards	73.5kw

液压马达驱动推进梁 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

液压回转动头 HYDRAULIC ROTARY HEAD

最快转速 Maximum Rotation Speed	70rpm
最大扭矩 Maximum Rotation Ttorque	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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KS368 履带式潜孔钻机

CRAWLER TYPE DOWN HOLE DRILLING 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 Down Hole Drilling 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.

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使用信息 USAGE INFORMATION

推荐孔径范围 Hole Diameter	单动力single motor: $\Phi 90-\Phi 200$ mm 双动力double motor: $\Phi 90-\Phi 350$ 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 顶锤式钻机 TOP HAMMER DRILLING RIG

KS680根据一线客户施工环境需求,设计 ϕ 50-90mm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 Top Hammer Drilling Rig is designed according to the needs of construction environment of front-line customers and the needs of ϕ 50-90mm small hole diameter. The whole machine is small in size, light in weight, fast in travelling speed and strong in cross-country ability, which can replace the special working conditions that conventional drilling rigs can not 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.

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使用信息 USAGE INFORMATION

推荐孔径范围 Hole Diameter	ϕ 50mm ~ ϕ 90mm
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

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	\pm 10

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

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

全方位多角度 凿岩钻孔

OMNI-DIRECTIONAL AND
MULTI-ANGLE ROCK DRILLING

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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.

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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 PROPUSION 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
集尘装置 Dust Collection	标配standard 干式dry typ 双级double stage 选配 Optional 湿式除尘 waterborne dust collection

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KS666 微型桩钻机

MICRO PILE DRILLING RIG

KS666适用于：光伏孔、锚杆孔、微型桩、引孔桩、跟管桩、爆破孔等。

KS666 miniature pile drilling rig: suitable for photovoltaic holes, anchor holes, miniature piles, pilot piles, heel piles, blast holes, etc.

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使用信息 USAGE INFORMATION

钻孔孔径范围 Hole Diameter	115-450mm
适用钻杆规格 Drilling Rod Specification	76/89/102/114
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°

液压回转动头 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

选配装置 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)

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KS400 履带水井钻机

CRAWLER WATER WELL DRILLING RIG

KS400是一种履带水井钻机，钻孔山孔径：105-325mm，适用于钻凿水井、监测井、降水井、救援井、煤气层开采及其他探孔工程。该钻机采用潜孔锤进行岩石钻井作业，空气排渣，具有高效率的特点。在地表松散层，可选择切削或牙轮钻井作业，或者采用冲击跟管作业，适应复合地质条件。

KS400 is a crawler water well drilling rig, drilling mountain hole diameter: 105-325mm, suitable for drilling water wells, monitoring wells, precipitation wells, rescue wells, gas layer mining and other exploratory hole projects. This drilling rig adopts submerged hammer for rock drilling operation and air slugging, which is characterized by high efficiency. In the loose layer on the surface, it can choose cutting or tooth wheel drilling operation, or adopt impact following pipe operation, adapting to the compound geological conditions.

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使用信息 USAGE INFORMATION

钻孔深度 Drilling Depth	400m
钻孔孔径 Borehole Diameter	105-325mm
工作风压 Working Wind Pressure	1.2-3.5Mpa
耗气量 Gas Consumption	16-55m³/min
钻杆长度 Length Of Drill pipe	6m
推荐钻杆直径 Recommended Drill Pipe Diameter	84-114mm
适应条件 Adaptation Conditions	松散层及基岩 Loose layers and bedrock

液压回转动力头 HYDRAULIC ROTARY POWER HEAD

最大回转扭矩 Maximum Slewing Torque	8000/4000Nm
最大回转转速 Maximum Rotary Speed	75/150r/min

底盘参数 CHASSIS PARAMETERS

支腿行程 Outrigger Stroke	1.5m
进尺效率 Feeder Efficiency	10-35m/h
爬坡能力 Climbing Ability	20°
行走速度 Travel Speed	2.5KM/h
配套冲击器 Matching Impactor	中高压系列冲击器 Medium and high pressure series impactor

选配装置 OPTIONAL EQUIPMENT

泥浆泵	Mud Pumps
离心泵	Centrifugal Pumps
发电机	Generators
泡沫泵	Foam Pumps

推进梁 PROPULSION BEAM

轴压力 Shaft Pressure	4T
提升力 Uplift	22T
推进行程 Push Through	7m
快升速度 Rapid Rise Speed	28m/min
快进速度 Fast-Forward Speed	55m/min
卷扬提升力 Winch lifting Force	1.5T

运输尺寸 TRANSPORT DIMENSION

整机长度 Length	6550mm
整机宽度 Width	1900mm
整机高度 Height	2750mm
整机重量 Weight	10T

发动机参数 ENGINE PARAMETER

潍柴国三 Weichai Guosan	103KW
工作转速 Working Speed	1600-1800r/min

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.

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KOONSA 孔山重工



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

一機多用 水氣兩用

邻滨海湾未来学校

95.143m 揽海三四楼



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、夹土土、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.

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KOONSA 孔山重工



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