



旋挖钻机钻杆 钻具

ROTARY DRILLING RIG, DRILL ROD, DRILLING TOOL



ZOOMLION



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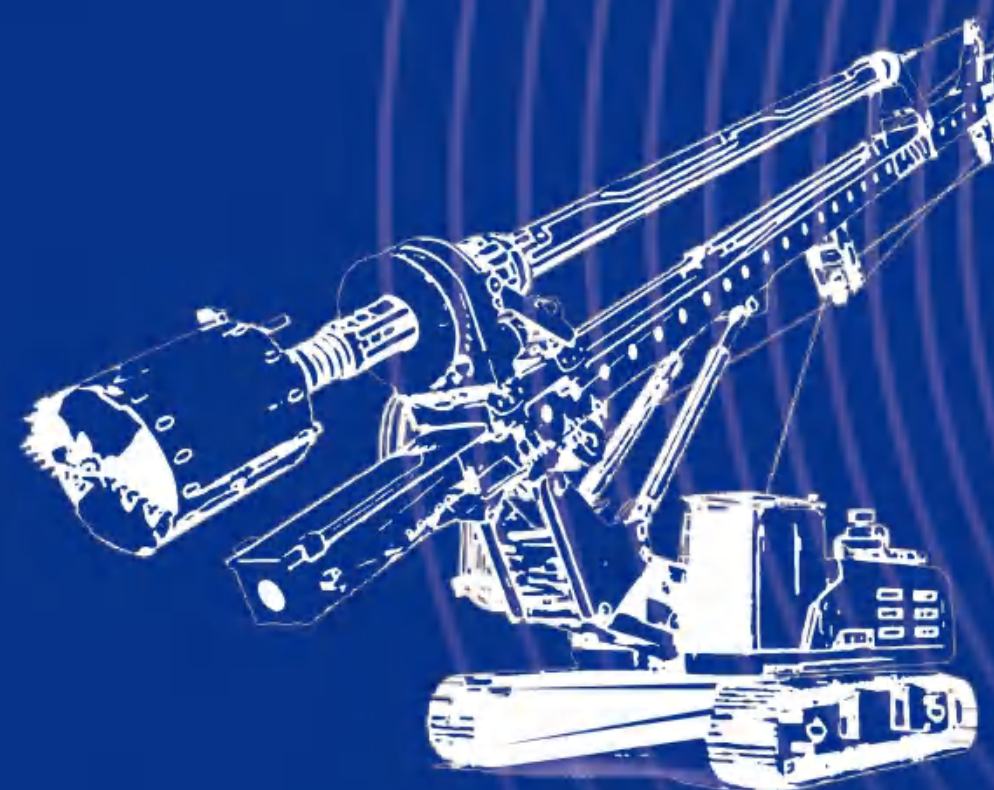


Whats App



二手旋挖钻机再制造及配件

RENOVATION AND ACCESSORIES OF SECOND-HAND ROTARY DRILLING RIG



宝晔机械(山东)有限公司

SHANDONG BOER MACHINERY EQUIPMENT CO., LTD



Construction of rotary drilling rig
旋挖钻机施工

LDP



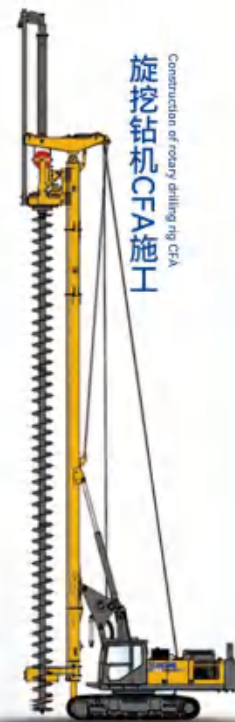
Full casing construction of rotary drilling rig
旋挖钻机全护筒施工

Casing



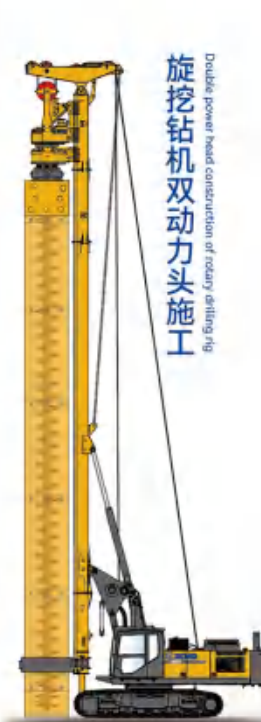
Construction of rotary drilling rig with full casing and pipe rolling machine
旋挖钻机全护筒+搓管机施工

Casing and oscillator



Construction of rotary drilling rig CFA
旋挖钻机CFA施工

CFA



Double power head construction of rotary drilling rig
旋挖钻机双动力头施工

FOW



Rotary drilling and mixing pile drilling machine
旋挖搅拌桩钻机

SCM



FDP full displacement rotary drilling rig
FDP全置换式旋挖钻机

FDP



Hydraulic hammer construction of rotary drilling rig
旋挖钻机液压锤施工

DD



Construction of rotary drilling machine submersible percussive hammer
旋挖钻机潜孔锤施工

QCH





企业简介

Company Profile

全程无忧 赢销天下

宝晔机械(山东)有限公司专注工程机械行业20余年,是集旋挖钻机、连续墙抓斗、水平定向钻机、履带式起重机等二手工程机械设备销售、再制造、租赁、配件供应和服务为一体的综合型企业。

目前,公司总部设于山东济南,海外设点遍布俄罗斯、越南、泰国、新加坡、印尼和沙特等国家和地区,同时济南、青岛和南京拥有再制造生产工厂;产品远销俄罗斯、印度、越南、马来西亚、印尼、菲律宾、伊拉克等国。未来,公司将始终秉持着“全程无忧、赢销天下”的企业宗旨,坚持“品质第一、客户至上”的经营原则的终极目标服务于全世界。

Shandong BOER Machinery Equipment Co., Ltd. has been focusing on the construction machinery industry for more than 20 years. It is a comprehensive enterprise integrating the sales, remanufacturing, leasing, spare parts supply and service of second-hand construction machinery and equipment such as rotary drilling rig, continuous wall grab, horizontal directional drilling rig and crawler crane.

At present, the company is headquartered in Jinan, Shandong province, with overseas locations in Russia, Vietnam, Thailand, Singapore, Indonesia, Saudi Arabia and other countries and regions. At the same time, it has remanufacturing production plants in Jinan, Qingdao and Nanjing. The products are exported to Russia, India, Vietnam, Malaysia, Indonesia, Philippines, Iraq and other countries. In the future, the company will always adhere to the "whole process of worry-free, win the world marketing" business purpose, adhere to the "quality first, customer first" business principle of the ultimate goal to serve the world.



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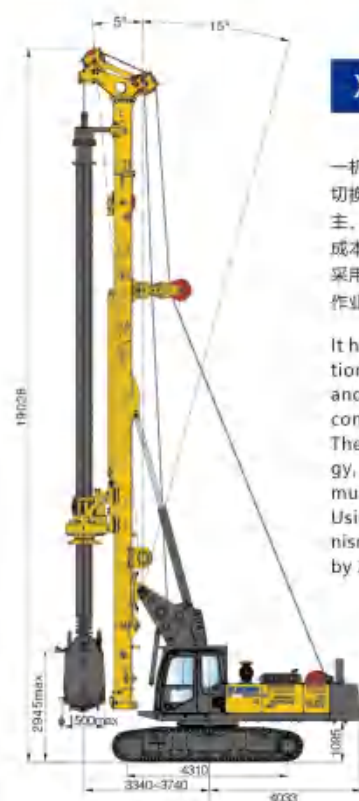
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XCMG-XR160E

一机多能, 可实现油缸加压、卷扬加压、长螺旋、双动力头等功能快速切换, 满足更多不同工程施工需求;
主、副卷扬均采用单排绳技术, 钢丝绳寿命比多层绳长 2~4 倍, 使用成本更低;
采用双动臂大平行四边形变幅机构, 支撑角度大, 支撑范围增加 24%, 作业更稳定。

It has multiple functions, and can quickly switch between functions such as oil cylinder pressure, winch pressure, long screw, and double power head, to meet the needs of more different construction projects;
The main and auxiliary hoists adopt single-row rope technology, and the life of steel rope is 2~4 times longer than that of multi-layer rope, with lower use cost;
Using a double boom large parallelogram boom swing mechanism, the support angle is large, the support range is increased by 24%, and the operation is more stable;



配置说明:

- 最大钻孔直径 Max. drilling diameter
Φ1.5m
- 钻杆配置 / 钻深
Kelly bar configuration/drilling depth
JS377-4x12.5/44 (标配 Standard)
MZ377-5x12.0/54 (选配 Optional)
MZ377-5x12.5/56 (选配 Optional)
- 发动机 Engine - 型号 Model
QSB7-C202
- 发动机 Engine - 功率 Power
160Kw
- 整机质量 Overall weight
53T
- 工作状态尺寸 Working condition Size
7862 × 4200 × 19328mm
- 运输状态 Transportation condition Size
13993 × 2960 × 3464mm



XCMG-XR240E

一机多能, 可实现油缸加压、卷扬加压、接管机等功能快速切换, 满足更多不同工程施工需求;
配置五十铃电控涡轮增压发动机, 油耗更低, 服务方便快捷;
动力头、主卷扬工作性能提升20%, 作业效率更高;
主、副卷扬均采用单排绳技术, 钢丝绳寿命比多层绳长2~4倍, 使用成本更低。

It has multiple functions, and can quickly switch between functions such as oil cylinder pressure, winch pressure, and tube rolling machine, to meet the needs of more different construction projects;
It is equipped with the Isuzu electrically controlled turbo-charged engine, with lower fuel consumption and quick and convenient service;
The working performance of the power head and main winch is improved by 20%, and the operation efficiency is higher;
Both the main and auxiliary winches adopt single-row rope technology, and the life of steel rope is 2 to 4 times longer than multi-layer ropes. The use cost is lower.



配置说明:

- 最大钻孔直径 Max. drilling diameter
Φ2.2m
- 钻杆配置 / 钻深
Kelly bar configuration/drilling depth
JS440-4 x 15.5/56 (标配 Standard)
MZ440-5 x 15.5/70 (选配 Optional)
MZ440-6x 14.8/80 (特配 Special)
- 发动机 Engine - 型号 Model
6UZ1X-270
- 发动机 Engine - 功率 Power
240Kw
- 整机质量 Overall weight
84T
- 工作状态尺寸 Working condition Size
8870 × 4400 × 22800mm
- 运输状态 Transportation condition Size
17530 × 3250 × 3692mm



XCMG-XR200E

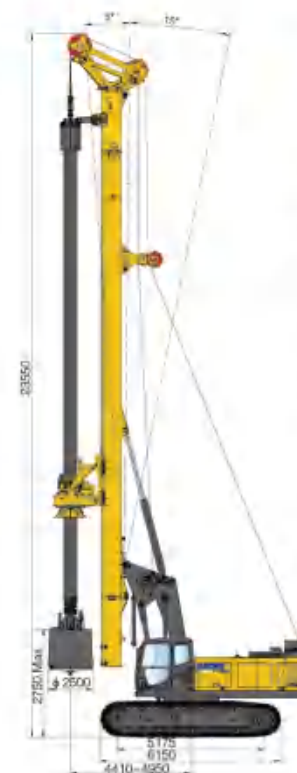
一机多能, 可实现油缸加压、卷扬加压、接管机等功能快速切换, 满足更多不同工程施工需求;
配置五十铃电控涡轮增压发动机, 油耗更低, 服务方便快捷;
动力头工作性能提升11%, 主卷扬提升18%, 行走驱动提升20%, 散热能力提高1.4倍, 作业效率更高。

needs of more different construction projects;
It is equipped with the Isuzu electrically controlled turbo-charged engine, with lower fuel consumption and quick and convenient service;
The working performance of the power head is improved by 11%, the main winch is improved by 18%, the walking drive is improved by 20%, the heat dissipation capacity is increased by 1.4 times, and the operation efficiency is higher.



配置说明:

- 最大钻孔直径 Max. drilling diameter
Φ2.2m
- 钻杆配置 / 钻深
Kelly bar configuration/drilling depth
JS440-4x15.5/56 (标配 Standard)
MZ440-5 x 15.5/70 (选配 Optional)
MZ440-6x 14.8/80 (特配 Special)
- 发动机 Engine - 型号 Model
6HK1X
- 发动机 Engine - 功率 Power
210Kw
- 整机质量 Overall weight
53T
- 工作状态尺寸 Working condition Size
8800 × 4200 × 21615mm
- 运输状态 Transportation condition Size
16571 × 3000 × 3731mm



XCMG-XR280DII

采用旋挖钻机专用液压伸缩式履带底盘, 满足超强的稳定性和运输的便捷性;
采用进口康明斯涡轮增压发动机 (欧 III 排放阶段), 动力强劲, 足够的动力储备满足高原施工, 噪音、排放达到国家标准;
恒功率最佳动力输出, 使整机处于最佳工作状态。

The special hydraulic telescopic track chassis of rotary drilling machine is adopted, which meets the super stability and convenience of transportation;
The imported Cummins turbocharged engine (Euro III emission stage) is powerful, with sufficient power reserve to meet high-altitude construction, and the noise and emissions meet national standards;
Constant power best power output, so that the whole machine is in the best working state.



配置说明:

- 最大钻孔直径 Max. drilling diameter
Φ2.5m
- 钻杆配置 / 钻深
Kelly bar configuration/drilling depth
JS508-4x 16.0/58 (标配 Standard)
MZ508-5 x 16.1/73 (选配 Optional)
MZ508-6 x 16.1/88 (特配 Special)
- 发动机 Engine - 型号 Model
QSM11-C400
- 发动机 Engine - 功率 Power
280Kw
- 整机质量 Overall weight
88/96T
- 工作状态尺寸 Working condition Size
10770 × 4800 × 23550mm
- 运输状态 Transportation condition Size
17380 × 3500 × 3540mm



XCMG-XR280E

优化设计的双动臂变幅机构,优化铰点位置,兼顾施工稳定性与转场运输便捷性;
采用旋挖钻机专用H型液压伸缩式履带底盘,装备大直径回转支承,保证了超强的稳定性和运输的采用进口沃尔沃发动机,动力强劲,有效降低了燃油消耗和使用成本。

The optimally designed double-arm luffing mechanism features improved hinge points, balancing construction stability and convenient relocation & transportation. It adopts H-type hydraulic retractable crawler chassis dedicated for rotary drilling rigs equipped with large-diameter slewing bearings to deliver superior stability and easy transportation. Fitted with an imported Volvo engine, the machine delivers powerful output and effectively reduces fuel consumption and operating costs.

配置说明:

- 最大钻孔直径 Max. drilling diameter
Φ2.5m
- 钻杆配置 / 钻深
Kelly bar configuration/drilling depth
JS508-4x17.0/61 (选配 Optional)
MZ508-5x16.1/73 (选配 Optional)
MZ508-6x17.5/94 (特配 Special)
- 发动机 Engine - 型号 Model
TAD 1352VE
- 发动机 Engine - 功率 Power
315Kw
- 整机质量 Overall weight
106T
- 工作状态尺寸 Working condition Size
10825 × 4800 × 25200mm
- 运输状态 Transportation condition Size
19750 × 3500 × 3790mm



XCMG-XR360E

优化设计的双动臂变幅机构,优化铰点位置,兼顾施工稳定性与转场运输便捷性;
采用旋挖钻机专用H型液压伸缩式履带底盘,装备大直径回转支承,保证了超强的稳定性和运输的便捷性;
采用进口沃尔沃发动机,动力强劲,有效降低了燃油消耗和使用成本。

The optimally designed double-arm luffing mechanism features improved hinge points, balancing construction stability and convenient relocation & transportation. It adopts H-type hydraulic retractable crawler chassis dedicated for rotary drilling rigs equipped with large-diameter slewing bearings to deliver superior stability and easy transportation. Fitted with an imported Volvo engine, the machine delivers powerful output and effectively reduces fuel consumption and operating costs.

配置说明:

- 最大钻孔直径 Max. drilling diameter
Φ2.6m
- 钻杆配置 / 钻深
Kelly bar configuration/drilling depth
JS530-4x18.0/65 (选配 Optional)
MZ530-5x18.0/82 (选配 Optional)
MZ530-6x18.0/97 (特配 Special)
- 发动机 Engine - 型号 Model
TAD1353VE
- 发动机 Engine - 功率 Power
345Kw
- 整机质量 Overall weight
115T
- 工作状态尺寸 Working condition Size
10870 × 4900 × 25820mm
- 运输状态 Transportation condition Size
20650 × 3500 × 3845mm



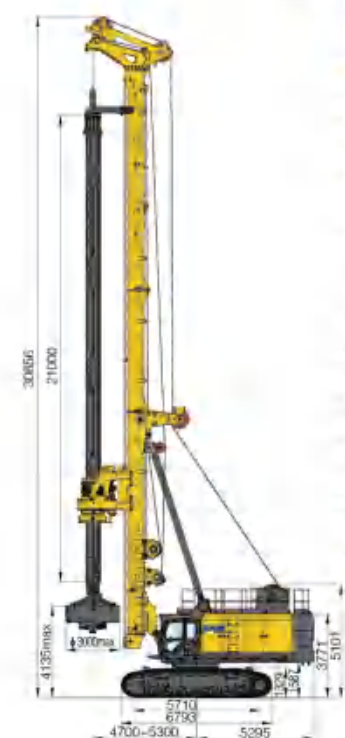
XCMG-XR400E

采用双动臂变幅机构和旋挖钻机专用H型液压伸缩式履带底盘,装备大直径回转支承,保证了超强的稳定性和运输的便捷性;
采用康明斯发动机,动力强劲,拥有三档功率控制,用户可根据工况选择相应档位,实现一合钻机发挥三合发动机的功效,优化的三档功率曲线,有效降低了燃油消耗和使用成本。

Adopts double-arm luffing mechanism and H-type hydraulic retractable crawler chassis dedicated for rotary drilling rigs, equipped with large-diameter slewing bearing to ensure excellent stability and convenient transportation. Powered by Cummins engine with strong power output and three-level power control. Operators can select corresponding gear according to working conditions, enabling one drilling rig to achieve performance equivalent to three engines. The optimized three-stage power curve effectively reduces fuel consumption and operating costs.

配置说明:

- 最大钻孔直径 Max. drilling diameter
Φ2.8m
- 钻杆配置 / 钻深
Kelly bar configuration/drilling depth
JS530-4 x 19.0/69 (标配 Standard)
JS575-4 x 17.0/60 (选配 Optional)
MZ530-6 x 19.0/103 (特配 Special)
- 发动机 Engine - 型号 Model
Q5X15-C500
- 发动机 Engine - 功率 Power
373Kw
- 整机质量 Overall weight
118T
- 工作状态尺寸 Working condition Size
10995 × 4900 × 26640mm
- 运输状态 Transportation condition Size
20755 × 3500 × 3910mm



XCMG-XR450E

液压系统响应快,操控性能好,根据工况需求调节主泵功率,辅助系统采用负载敏感控制技术,系统综合施工效率提高20%;
采用旋挖钻机专用H型液压伸缩式履带底盘,装备大直径回转支承,搭配底盘拆装支腿,保证了工作稳定性和运输便捷性;
配置康明斯15L电控涡轮增压发动机,动力强劲,油耗低,服务方便快捷。

The hydraulic system features fast response and excellent controllability. The main pump power can be adjusted according to working conditions. The auxiliary system adopts load-sensing control technology, boosting the overall construction efficiency by 20%. It adopts H-type hydraulic retractable crawler chassis dedicated for rotary drilling rigs, fitted with large-diameter slewing bearings. Optional chassis disassembly outriggers ensure operational stability and convenient transportation. Equipped with a 15L electronically controlled turbocharged Cummins engine, it delivers powerful performance with low fuel consumption and convenient after-sales service.

配置说明:

- 最大钻孔直径 Max. drilling diameter
Φ2.5m
- 钻杆配置 / 钻深
Kelly bar configuration/drilling depth
JS580-4 x 21.0/76 (标配 Standard)
MZ580-5 x 21.0/95 (选配 Optional)
MZ508-6 x 21.0/114 (特配 Special)
- 发动机 Engine - 型号 Model
Q5X15
- 发动机 Engine - 功率 Power
399Kw
- 整机质量 Overall weight
165T
- 工作状态尺寸 Working condition Size
11200 × 5300 × 30656mm
- 运输状态 Transportation condition Size
18000 × 3700 × 3771mm



SANY-SR155R

SR155 适用于城镇、市政、厂房等中小型桩基础施工工程，具有高效、灵活、省油、可靠的特点，适应性强，施工能力大。
机动灵活：设备动作灵活，操作得心应手；施工时复合动作连贯顺畅，提高钻进效率。
经济节能：动力充沛且根据需求实时分配功率，提高利用率，减少燃油消耗，节约成本。

SR155 is suitable for small and medium-sized pile foundation construction projects including urban, municipal and factory building works. It is high-efficiency, flexible, fuel-saving and reliable, featuring strong adaptability and powerful construction capacity.
Flexible Maneuverability: The machine operates flexibly and is easy to control. Smooth and continuous composite actions during construction improve drilling efficiency.
Economy & Energy Saving: It has sufficient power with real-time power distribution according to working demands, boosting power utilization, reducing fuel consumption and cutting operating costs.

配置说明：

- 最大钻孔直径 Max. drilling diameter $\Phi 1.5\text{m}$
- 钻杆配置 / 钻深 Kelly bar configuration/drilling depth 机锁杆 $\Phi 377 \times 4 \times 12/44\text{m}$ 摩阻杆 $\Phi 377 \times 5 \times 12/56\text{m}$
- 发动机 Engine - 型号 Model D06FRC-TAA
- 发动机 Engine - 功率 Power 147kw/2100rpm
- 整机质量 Overall weight 48T
- 运输状态 Transportation condition Size 13085 $\times$ 3100 $\times$ 3265mm



SANY-SR215R

SR215 适用于工民建地基及市政建设工程的小孔深桩领域，针对硬土层、卵石层、全风化地层施工，施工能力更强。
高效灵活：主机扭矩大，具备硬地层钻进能力，施工速度快，成孔效率高。复合动作流畅快捷，更加机动灵活。
经济节能：配置久经市场验证的发动机，皮实耐用。

SR215 is suitable for small-diameter deep pile projects in civil building foundations and municipal construction works. It delivers stronger construction capacity for hard soil layers, pebble layers and completely weathered strata.
High Efficiency & Flexibility: The main unit features high torque with strong drilling capability in hard strata. It realizes fast construction speed and high hole-forming efficiency. Smooth and quick composite movements enable superior mobility and flexibility.
Economical & Energy-saving: Equipped with a market-proven engine featuring robust and reliable performance.

配置说明：

- 最大钻孔直径 Max. drilling diameter $\Phi 1.8\text{m}$
- 钻杆配置 / 钻深 Kelly bar configuration/drilling depth 机锁杆 $\Phi 419 \times 4 \times 14/51\text{m}$ 摩阻杆 $\Phi 419 \times 5 \times 14/64\text{m}$
- 发动机 Engine - 型号 Model 6HK1
- 发动机 Engine - 功率 Power 212kw/2000rpm
- 整机质量 Overall weight 65T
- 运输状态 Transportation condition Size 15110 $\times$ 3210 $\times$ 3560mm



SANY-SR205R

SR205 应用于工民建基础及市政建设的小孔深桩领域，针对淤泥、黏土、硬土层等地质具有打土快、回转速快、卸土快的特点。
快速施工：优化整车液压及控制系统，提升钻机钻进效率、主卷扬速度和动力头转速，实现快速施工作业。
经济节能：配置久经市场验证的发动机，皮实耐用。

SR205 is applied to small-diameter deep pile projects in civil building foundations and municipal construction. It features fast drilling, fast slewing and fast soil unloading for geological conditions such as silt, clay and hard soil layers.
Rapid Construction: The whole machine hydraulic system and control system are optimized to improve drilling efficiency, main winch speed and rotary head rotating speed for rapid construction operation.
Economical & Energy-saving: Equipped with a market-proven engine with reliable and durable performance.

配置说明：

- 最大钻孔直径 Max. drilling diameter $\Phi 1.8\text{m}$
- 钻杆配置 / 钻深 Kelly bar configuration/drilling depth 机锁杆 $\Phi 406 \times 4 \times 14/51\text{m}$ 摩阻杆 $\Phi 406 \times 5 \times 14/64\text{m}$
- 发动机 Engine - 型号 Model 6HK1
- 发动机 Engine - 功率 Power 212kw/2000rpm
- 整机质量 Overall weight 63T
- 运输状态 Transportation condition Size 15110 $\times$ 3210 $\times$ 3560mm



SANY-SR235R

SR235 应用于房建、市政、工民建基础施工，是该领域的畅销机型，具有甩土转速高、响应灵敏，施工效率高特点。
高效施工：黏土层施工不粘斗，卸土快；功率利用率高，主卷扬上提快，复合动作流畅，综合施工效率高。
强劲动力：动力充沛，能根据需求实时调节，充分发挥动力性能，提高利用率。

SR235 is applied to foundation construction of housing, municipal works and civil buildings. As a best-selling model in this field, it features high soil throwing rotating speed, sensitive response and high construction efficiency.
Efficient Construction: The drill bucket avoids soil adhesion in clay layers and realizes fast soil unloading. It achieves high power utilization, fast lifting of the main winch and smooth composite movements for excellent overall construction efficiency.
Powerful Performance: It delivers abundant power which can be adjusted in real time according to working demands to maximize power performance, improve utilization rate.

配置说明：

- 最大钻孔直径 Max. drilling diameter $\Phi 2.0\text{m}$
- 钻杆配置 / 钻深 Kelly bar configuration/drilling depth 机锁杆 $\Phi 445 \times 4 \times 15/54\text{m}$ 摩阻杆 $\Phi 445 \times 5 \times 15/68\text{m}$
- 发动机 Engine - 型号 Model 6UZ1
- 发动机 Engine - 功率 Power 257kw/2000rpm
- 整机质量 Overall weight 81T
- 运输状态 Transportation condition Size 16385 $\times$ 3540 $\times$ 3660mm

SANY-SR285R

SR285R 是一款以旋挖工法施工为主, 可快速切换低净空、长护筒、长螺旋等工法的中型多功能钻机, 其中低净空模式可灵活组合, 实现不同高度, 满足桥下、高压线下、厂房内等工况需求。
多工法便捷切换: 多功能桅杆, 装配统一接口, 旋挖、低净空、长护筒、长螺旋等便捷切换, 节约成本。

SR285R is a medium-sized multi-functional drilling machine mainly adopting rotary drilling construction method, which can quickly switch between low-clearance, long casing, long auger and other construction methods. The low-clearance mode supports flexible combination to achieve different working heights and meet operation requirements under bridges, high-voltage lines, inside factories and other working conditions. Convenient switching for multiple construction methods: Equipped with a multifunctional mast and unified interfaces, it enables easy switching among rotary drilling, low-clearance operation, long casing and long auger construction to reduce costs.



配置说明:

- 最大钻孔直径 Max. drilling diameter
Φ2.2m
- 钻杆配置 / 钻深
Kelly bar configuration/drilling depth
机锁杆Φ508×4×17/61m
摩阻杆Φ508×6×17/94m
- 发动机 Engine - 型号 Model
6WG1
- 发动机 Engine - 功率 Power
300kw/1800rpm
- 整机质量 Overall weight
105T
- 运输状态 Transportation condition Size
18695 × 3475 × 3625mm

SANY-SR405R

SR405R 针对房建、桥梁、高铁、公路等大型桩基础工程施工, 钻孔直径和深度大, 适用于硬岩等各种地质地质工况。
强力入岩: 根据入岩工况高标准设计, 扭矩大、加压力大, 具备大孔入岩钻进能力。整机重心低, 展臂大, 施工更稳。
强劲动力: 采用大功率大排量发动机。

SR405R is built for large-scale pile foundation projects including building construction, bridges, high-speed railways and highways. It supports drilling with large diameter and great depth and adapts to various complex geological conditions such as hard rock. Powerful rock penetration: Designed to high standards for rock penetration working conditions, it delivers high torque and large pressure capacity and features rock drilling capability for large-diameter holes. The machine has a low center of gravity and wide track span for more stable construction. Powerful performance: It is equipped with a high-power large-displacement engine.



配置说明:

- 最大钻孔直径 Max. drilling diameter
Φ2.8m
- 钻杆配置 / 钻深
Kelly bar configuration/drilling depth
机锁杆Φ580×5×19/85m
摩阻杆Φ580×6×19/106m
- 发动机 Engine - 型号 Model
6WG1
- 发动机 Engine - 功率 Power
377kw/1800rpm
- 整机质量 Overall weight
131T
- 运输状态 Transportation condition Size
20295 × 3550 × 3745mm

SANY-SR360R

SR360R 适用于房建、桥梁等大中型桩基础工程, 钻孔直径大、深度大, 针对硬岩高效钻进, 性能全面。
高硬入岩: 根据入岩工况高标准设计, 扭矩和加压力储备大, 突破岩石切削的阈值, 面对 60MPa 以上硬岩高效钻进。
强劲动力: 根据需求实时调节功率分配, 持续输出以应对入岩工况, 同时提高效率降低燃油损耗, 减少燃油费用。

SR360R is suitable for medium and large pile foundation projects such as building construction and bridge engineering. It can drill holes with large diameter and great depth and realizes efficient drilling in hard rock with comprehensive performance. High-capacity rock penetration: Designed with high standards for rock penetration working conditions, it has ample torque and pressure reserve to break through the rock cutting threshold and drill efficiently in hard rock above 60MPa.

Powerful performance: It adjusts power distribution in real time according to demands and provides continuous power output to cope with rock penetration conditions. Meanwhile, it improves efficiency, reduces fuel consumption and cuts fuel costs.



配置说明:

- 最大钻孔直径 Max. drilling diameter
Φ2.5m
- 钻杆配置 / 钻深
Kelly bar configuration/drilling depth
机锁杆Φ530×4×18/65m
摩阻杆Φ530×6×18/10m
- 发动机 Engine - 型号 Model
6WG1
- 发动机 Engine - 功率 Power
300kw/1800rpm
- 整机质量 Overall weight
120T
- 运输状态 Transportation condition Size
19910 × 3530 × 3745mm

SANY-SR445R

SR445R 是一款经典大三角结构钻机, 大孔深桩硬岩地层施工更稳, 特别适用于桥梁、高铁、建筑等大型桩基础工程。
重载施工: 底盘加大加重, 结构刚性好, 降低重心, 重载工况下不晃动、不摇摆, 大孔深桩施工平稳高效。

SR445R is a classic drilling rig with large triangular structure, delivering higher stability for constructing large-diameter deep piles in hard rock strata. It is especially applicable to large pile foundation projects such as bridges, high-speed railways and buildings. Heavy-load construction: The enlarged and reinforced chassis features excellent structural rigidity and lowered center of gravity. The machine operates without shaking or swaying under heavy loads to realize stable and efficient construction of large-diameter deep piles.



配置说明:

- 最大钻孔直径 Max. drilling diameter
Φ3.0m
- 钻杆配置 / 钻深
Kelly bar configuration/drilling depth
机锁杆Φ580×5×21/95m
摩阻杆Φ580×6×21/116m
- 发动机 Engine - 型号 Model
6WG1
- 发动机 Engine - 功率 Power
377kw/1800rpm
- 整机质量 Overall weight
162T
- 运输状态 Transportation condition Size
20355 × 3600 × 3685mm



维修再制造前设备
Equipment before remanufacturer



维修再制造后设备
Equipment after remanufacturer



设备外观展示
Equipment appearance display



维修再制造中设备
On-site remanufacturer equipment



维修再制造前设备
Equipment before remanufacturer



维修再制造后设备
Equipment after remanufacturer



设备内部细节展示
Display of internal details of the equipment



徐工220D旋挖钻机出口俄罗斯
XCMG 220D rotary drilling rig exported to Russia



再制造徐工XR240E出口新加坡
Remanufacturing XCMG XR240E exported to Singapore



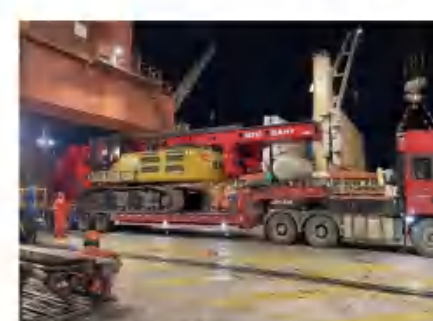
徐工360E旋挖钻机出口迪拜
XCMG 360E rotary drilling rig exported to Dubai



徐工XR220D旋挖钻机
XCMG XR220D rotary drilling rig



徐工XR160E旋挖钻机
XCMG 160E rotary drilling rig



三一235旋挖钻机出口菲律宾
Sany 235 rotary drilling rig exported to the Philippines



三一285旋挖钻机出口越南
Sany 285 rotary drilling rig exported to Vietnam



三一205旋挖钻机出口印度
XCMG 205 rotary drilling rig exported to India



三一SR360E旋挖钻机
Sany SR360E rotary drilling rig

徐工XR360E迪拜工地交付现场
XCMG XR360E delivery site in Dubai



三一SR155旋挖钻机
Sany SR155 rotary drilling rig



宝峨BG25旋挖钻机出口俄罗斯
BAUER BG25 rotary drilling rig exported to Russia



徐工500E抓斗出口泰国
XCMG 500E grab exported to Thailand



再制造三一SR400W出口新加坡
Remanufacturing Sany SR400W exported to Singapore



士力SR80旋挖钻机
SOILMEC SR80 rotary drilling rig



三一SR235旋挖钻机
Sany SR235 rotary drilling rig



宝峨BG26旋挖钻机
BAUER BG26 rotary drilling rig



徐工XR220D旋挖钻机出口非洲
XCMG XR220D rotary drilling rig exported to Africa



徐工XR240I旋挖钻机出口印度
XCMG XR240I rotary drilling rig exported to India



宝峨BG25旋挖钻机出口俄罗斯
BAUER BG25 rotary drilling rig exported to Russia



主卷扬减速机
Main winch reducer



邦飞利减速机
Bangfeili reducer



布雷维尼减速机
Brevini reducer



液压泵维修再制造
Hydraulic pump maintenance



减速机维修再制造
Maintenance and remanufacturing of reducer



发动机维修再制造
Engine maintenance and remanufacturing



力士乐液压泵
Rexroth hydraulic pump



手柄平衡阀 电磁阀
Handle balance valve solenoid valve



提引器
Swivel



再制造液压件减速机配件
Remanufacture hydraulic components, reducer accessories



再制造液压件减速机配件
Remanufacture hydraulic components, reducer accessories



再制造液压件减速机配件
Remanufacture hydraulic components, reducer accessories



卷扬马达
Winch motor



动力头马达
Rotary drive motor



配件展示
Accessories Display



液压泵维修检测设备
Maintenance and testing equipment



液压泵维修检测设备
Maintenance and testing equipment



多路阀维修检测设备
Maintenance and testing equipment

BRC系列搓管机

BRC Series Pipe Threading Machine

BRC系列搓管机主要应用于建筑桩基础工程中管作业的施工机械。该产品可借助旋挖钻机动力，做为旋挖钻机的前端附件，辅助旋挖钻机进行套管施工；整机结构紧凑，重量轻、强度高；标配副夹紧，保证施工安全；可通过快速更换不同的变径块实现不同直径套管的施工作业；标配无线遥控可以选择视角、距离进行全天候遥控操作。

BRC series casing oscillator is mainly used for casing running operation in buildingpile foundation engineering. The product can use power from rotary drilling rig and work as its front end accessory to assist in casing construction. It has compact structure, light weight and high strength. The standard auxiliary clamp ensures construction safety. It can adapt to casings of different diameters by quickly changing the reducing blocks. The standard wireless remote control can select the viewing angle and distance for all-weather remote control operation.



型号 Model	最大套管直径 Max. Casing Diameter (mm)	最大扭矩 Max. Torque (kN·m)	最大举升力 Max. Lifting Force (kN)	搓管角度 Oscillation Angle (°)	整机工作质量 Total Operating Weight (t)	工作状态(尺寸) Working Dimensions (mm)
BRC1200	1200	1280	1550	24	9.3	3940×2260×1600
BRC1500	1500	2200	2010	25	12.8	4530×2680×1685



旋挖钻机CFA技改案例展示

Case display of CFA technical reform of rotary drilling rig




 螺旋钻头展示
auger bit

 钻头展示
Rotary drilling bit

 旋挖钻机潜孔锤钻头
Rotary drilling rig, down the hole hammer, drill bit

 旋挖钻杆
Kelly Bar

 旋挖钻杆
Kelly Bar

 旋挖钻杆
Kelly Bar

 旋挖护筒
full casing

 旋挖护筒
full casing

 旋挖护筒
full casing

 旋挖钻头生产
Drilling Bucket

 旋挖钻头生产
Drilling Bucket

 旋挖钻头生产
Drilling Bucket

 旋挖钻头展示
Drilling Bucket

 搓管机
casing oscillator

 搓管机
casing oscillator

 旋挖护筒生产
full casing

 旋挖护筒生产
full casing

 旋挖护筒生产
full casing

 旋挖钻杆发货
Kelly Bar send out goods

 旋挖钻杆发货
Kelly Bar send out goods

 旋挖跟进护筒发货
Rotary excavation follow-up for casing shipment

KDR240E-KDY-10T

配置说明:

- 液压锤型号 Hydraulic impact Hammer model KDY-10T
- 锤芯重量 Ram weight 10000KG
- 锤芯最小行程 Min. Stroke 200MM
- 锤芯最大行程 Max. stroke 1200MM
- 最大打击能量 Impact energy 158 KNm
- 打击频率 Impact frequency 36/90 Bpm
- 提升油缸 Driving method 单缸 Single cylinder lift
- 工作压力 Working pressure 24 Mpa
- 外形尺寸 overall dimension of hammer 6300/7100x1130x1385
- 总重量 Gross weight of hammer 15500KG
- 中心至导向中距离 Distance from hammer center to guide Center 750mm
- 导向中心距 Center distance of guide rail 800mm



液压履带式打桩机

核心优势:

- 全地形适配, 通行能力强
Strong all-terrain adaptability and trafficability
- 全液压驱动, 作业高效稳定
Full-hydraulic drive for efficient and stable operation
- 宽温耐候设计, 防尘抗风沙
Wide-temperature weatherproof design, dust & sand resistant
- 支持旋挖钻机改装, 一机多能
Compatible with rotary drilling rig modification, multi-purpose
- 运维简便, 综合使用成本低
Easy operation & maintenance, low overall operating cost



DD系列桩锤参数表

配置型号说明:

桩锤型号 Model	DD18	DD25	DD35	DD45	DD55	DD65	DD85	DD105	DD128	DD160	DD180	DD200
气缸重量(KG) Cylinder Weight	1800	2500	3500	4000	5500	6500	8500	10500	12800	16000	18000	20000
缸体最大冲程(M) Max.cylinder stroke	2.1	2.5	2.8	3	3	3	3	3	3	3	3	3
频率(T/MIN) Frequency	45~60	42~55	40~52	35~50	35~50	35~50	35~50	35~50	35~50	35~50	35~50	35~50
最大能量理论值(KJ) Max.impacting energy	37.8	57.5	89.6	120	159	189	249	309	378	450	540	600
耗油量(L/H) Fuel consumption	6.9	10	12	14.5	16	18	25	30	38	43	48	50
气缸缸径(MM) Cylinder Diameter	Φ300	Φ370	Φ410	Φ450	Φ500	Φ550	Φ600	Φ665	Φ720	Φ780	Φ820	Φ840
压缩比 Compressing ratio	18	22	22	22	22	22	25	25	28	28	30	30
总质量(KG) Total weight	3120	4200	5350	7300	9800	12500	15500	18500	22500	33000	34800	38500
导轨形式 Guideway	Channel steel / round pipe		Round pipe 73mm or 102mm		Round pipe 102mm							
导轨中心距(MM) Guideway center distance	360/330		330/600		600							

KJU90

配置说明:

- 发动机 Engine-型号 Model/功率 Power Cummins 6CTA8.3-C325-325HP/239Kw
- 回转速度 Platform rotation speed 2.1r/min
- 行走速度 walking speed 1.2Km/h
- 接地比压 ground pressure 0.13Mpa
- 爬坡能力 gradability 40%
- 适用柴油锤规格 Applicable diesel hammer specifications DD65
- 适用液压冲击锤 Suitable for hydraulic impact hammer KDY-9T
- 最大配液压锤型号 Maximum hydraulic hammer model KDY-16
- 整机重量 Total weight 66500kg



KDLX-90B

配置说明:

- 立柱总长度(折臂式) Total length of leader 27m
- 立柱直径 Leader size 550x650mm
- 立柱导轨中心距 Center distance of leader guide 600xΦ102mm
- 主机平台尺寸(含支腿) Platform size 12890mmx2500mmx500mm
- 斜撑杆 Diagonal brace 219mm
- 液压支腿最大中心距离 Maximum center distance of hydraulic support legs 5100mm
- 最大配杆式柴油锤型号 Maximum model of guide rod diesel hammer DD85
- 最大配液压锤型号 Maximum hydraulic hammer model KDY-16
- 整机运输尺寸 Whole machine transportation dimensions L16 m* W3.3 m* H 3.9 m



KDY系列液压打桩锤

配置型号说明:

MODEL 型号	UNIT单位	KDY4	KDY5	KDY8	KDY10	KDY12	KDY14	KDY16	KDY18	KDY20
最大打击能量 MAX.STRIKE ENERGY	KM.M	50	65	100	130	188	220	245	280	316
锤芯最大行程 MAX.STROKE OF HAMMER	MM	1200	1200	1200	1200	1500	1500	1500	1500	1500
打击频率 STROKE FREQUENCY(MAX/MIN)	BPM	90/36	90/36	90/36	90/36	90/36	90/36	90/36	90/30	90/30
锤芯重量 RAM WEIGHT	KG	4000	5000	8000	10000	12000	14000	16000	18000	20000
提升油缸 LIFTING HYDRAULIC CYLINDER	单列提升 SINGLE LIFTING HYDRAULIC CYLINDER									
总高度(不带桩帽)A HEIGHT OF HAMMER(WITHOUT PILE CAP)	MM	4826	5136	4826	6600	7330	7470	7525	7830	8800
锤左右宽度B WIDTH OF HAMMER	MM	885	950	1130	1140	1140	1228	1273	1320	1580
锤前后厚度C VERTICAL WIDTH OF HAMMER	MM	1340	1275	1385	1390	1460	1550	1580	1680	2070
锤中心到导轨中心距离D DISTANCE BETWEEN HAMMER AND GUIDE	MM	696	755	740	745	745	790	835	885	865
液压锤重量 HAMMER WEIGHT(NO PILE CAP)	KG	7100	8200	13100	16720	18500	21600	25500	28000	29800

动力站参数表

配置型号说明:

液压锤型号 HYDRAULIC HAMMER MODEL	KDY4	KDY5	KDY8	KDY10/12	KDY14	KDY16	KDY18	KDY20
动力站型号 POWER PACK MODEL	150P	150P	150P	电200P	电250P	电250P	电250P	电300P
发动机品牌(东风康明斯) BRAND OF ENGINE(CUMMINS)	C180	C260	G325	-	-	-	-	QSM11
额定压力 RATED PRESSURE	MPA	24	25	24	24	24	24	24
最大流量 MAX FLOW	L/MIN	260	280	380	377	493	493	380
总体尺寸 OVERALL SIZE	M	4.7*1.8*2.5	4.7*1.8*2.5	3.6*2.1*2.2	3.6*2.1*2.2	3.6*2.1*2.2	3.6*2.1*2.2	4.2*2.1*2.5



KYZ系列液压振动锤

配置型号说明:

型号 Model	单位Unit	KYZ-100	KYZ-150	KYZ-180	KYZ-230	KYZ-300	KYZ-400
最大激振力 Max centrifugal force	KN	780	950	1520	2300	2800	3600
最大拔桩力 Max pile pull force	KN	320	450	600	850	120	160
适合桩的直径 Suitable pile diameter	mm	450-1200	450-1200	580-2000	580-2400	580-2800	580-2800
外形尺寸 Overall dimension	LxWxH(cm)	490x45.5x213	203x45.5x213	280x69.2x260	380x69.2x272	385x65x205	360x85x256
锤体质量 Hammer weight	T	3.4	4	7.8	9.2	10.5	15.1



DD系列桩锤参数表

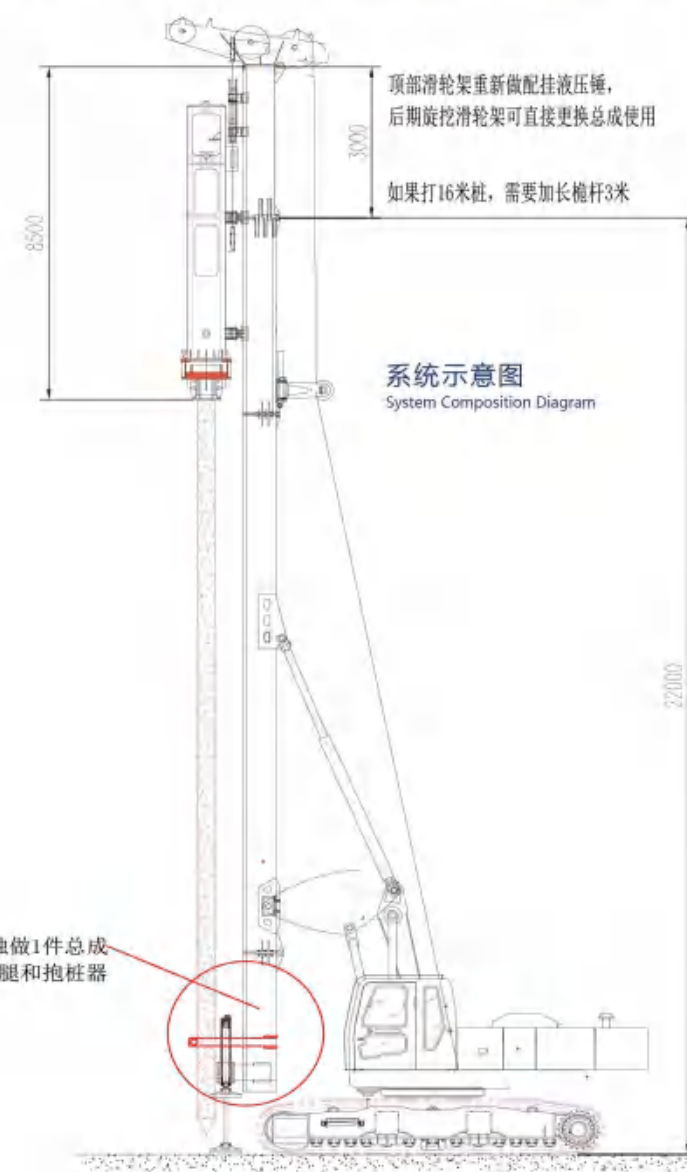
配置型号说明:

型号 Model	单位units	KDZ-45	KDZ-60	KDZ-90	KDZ-90B	KDZ-120
激振力 Centrifugal force	KN	380	492	579	0-579	0-823
允许最大拔桩力 Max Lline Pull	KN	180	215	254	254	392
重量(不含夹具) welgh(without clamp)	Ton	3.8	4.5	5.7	5.7	7
可匹配夹具 (单夹具/单/双夹具) Clamp(Single/single/Double)	-	Single	Single	single/Double	single/Double	single/Double
吊车起吊能力 Min crane capacity	TON	25	35	50	50	70



徐工XR240E翻新再制造设备技改10T液压打桩锤案例

XCMG XR240E refurbished remanufacturing equipment technical reform 10T hydraulic pile driving hammer case



液压打桩锤技改案例

Hydraulic pile driving hammer technical reform case



履带吊技改柴油锤工地施工案例

Crawler crane technical reform diesel hammer

旋挖潜孔锤工艺



工艺说明:

旋挖改装潜孔锤是在不影响旋挖现有功能的基础上增加潜孔锤工艺,解决旋挖钻机在硬岩地层施工效率低下问题。

The modification of DTH by rotary drilling is to increase the DTH hammer technology on the basis of not affecting the existing functions of rotary drilling, so as to solve the problem of low construction efficiency of rotary drilling rig in hard rock stratum.

●旋挖钻机为主机悬挂潜孔锤钻具

Rotary drilling rig as the main machine, suspended DTH hammer drilling tool

●空气压缩机为动力源提供高压空气

Air compressor as the power source to provide high-pressure air

●气动潜孔锤为钻具冲击钻进

Pneumatic DTH hammer as the drilling tool for impact rock breaking

●压缩空气作为循环介质提供动力、冷却钻头清孔排渣

Compressed air as the circulating medium to provide power, cool the drilling tool and remove rock dust

旋挖潜孔锤工艺



Φ1800-D22M施工案例



Φ800-D13M施工案例

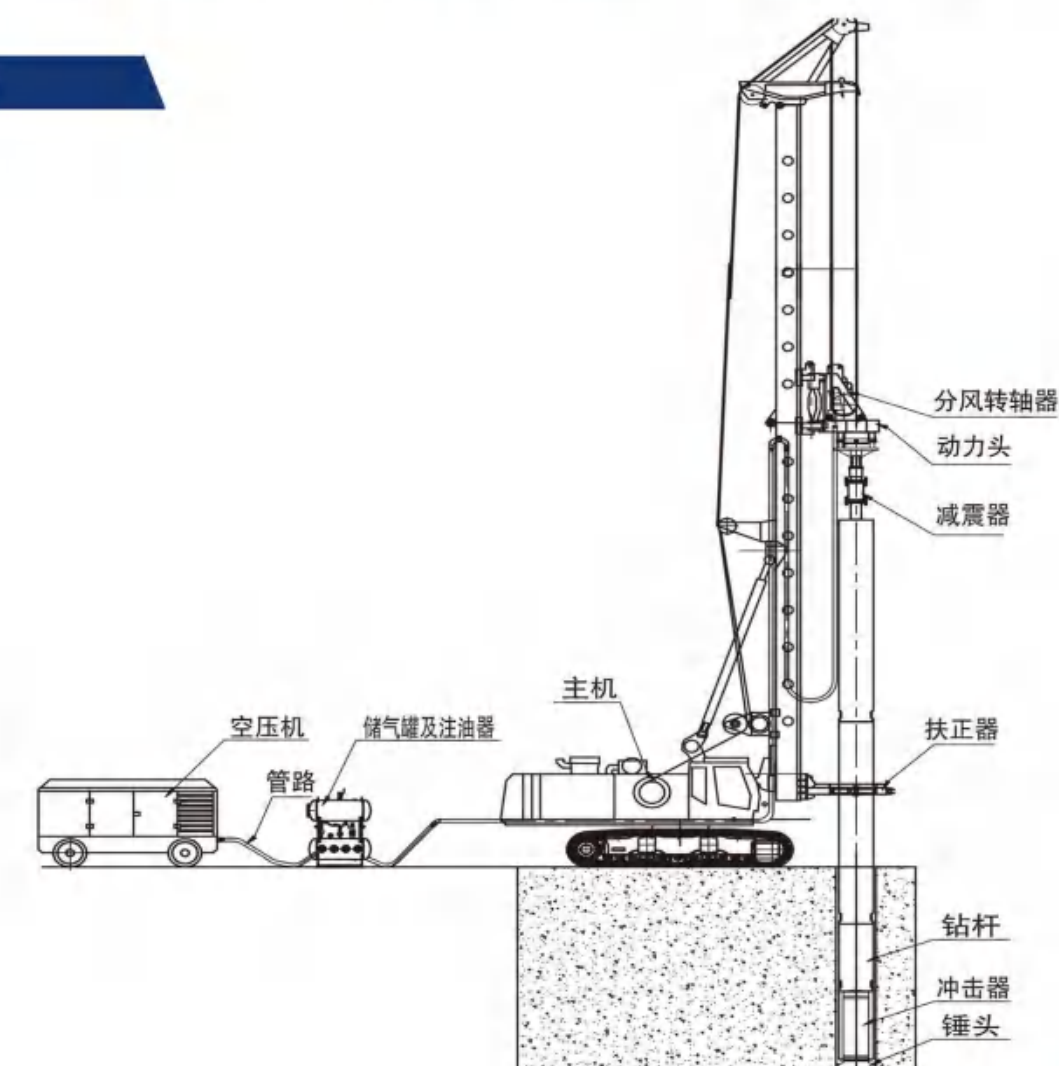


Φ1000-D16M施工案例



Φ1000-D22M施工案例

系统组成示意图



动力头置顶结构



配置说明:

●增大中小型旋挖的提升力;

Increase the lifting force of large and small rotary excavation.

●护筒跟进简单方便。

Casing follow-up is simple and convenient.

方桩产品介绍



产品特点:

灵活定制, 适配多元需求: 可根据不同工程的实际工况, 定制最薄 600mm 起的钻头。针对桩体尺寸的特殊要求, LGH 系列地连墙钻头均可提供完善解决方案。设备搭载自动抽渣、可视纠偏系统, 搭配特殊设计摆动齿, 实现无任何盲区铣槽, 可高效应用于地连墙施工。
 施工中依托独特结构设计, 能够快速、稳定成孔, 有效缩短工期, 降低施工成本。该钻头入岩作业性能优异, 强大的高效入岩能力可显著提升施工效率, 是应对坚硬岩石地质条件的理想机具。
 同时它还可作为双轮铣使用, 在软土地基加固、深层搅拌桩施工等领域发挥重要作用, 真正实现一机多用, 帮助施工方节约设备投入成本。

Flexible customization to meet diverse requirements: drill bits starting from a minimum thickness of 600 mm can be customized according to the actual working conditions of different projects. The LGH series diaphragm wall drill bits can deliver optimal solutions for special pile dimension requirements. Equipped with an automatic slag extraction system and a visual deviation correction system, and fitted with specially designed swinging teeth, they enable slot milling with zero blind zones for high-efficiency diaphragm wall construction.

Thanks to its unique design, the drill bit facilitates rapid and stable hole formation during construction, effectively shortening the construction period and cutting construction costs. It delivers outstanding performance in rock drilling operations. Its powerful high-efficiency rock penetration capability greatly improves work efficiency, making it an ideal tool for construction in hard rock geological conditions.

Additionally, it can be used as a double-wheel mixer. It plays a vital role in fields such as soft soil foundation reinforcement and deep mixing pile construction. This multi-functional design achieves one machine for multiple purposes, helping constructors save equipment investment costs.

LGH系列·双轮铣槽钻



宽度600-1500, 采用意大利SAI纯进口五星马达, 自主研发减速行星, 超大扭矩输出, 可排渣, 可加压, 智能可视纠偏系统, 全方位无死角铣轮, 节能高效!

The width is 600-1,500, and it uses the Italian SAI pure imported five-star motor, independently developed deceleration planet, ultra-large torque output, can discharge slag, can be pressurized, intelligent visual correction system, all-round no blind spot milling wheel, energy-saving and efficient!



LGM系列·无盲区钻头



全方位无盲区! 引孔便捷, 高动力输出, 平稳高效!

All-around, no blind spots! Convenient for drilling holes, high power output, stable and efficient!



硬岩克星·成孔展示 The conqueror of hard rocks, demonstration of hole formation



LGR系列·可伸展钻头



一机多用!实现一台钻头、多种规格,适用于多种型号施工。

Multi-functional machine! One drill bit, multiple specifications, suitable for various models of construction.



LGS系列·地连墙钻头



超薄定制!宽度600起,地连墙施工,抗滑桩,防水无忧。

Ultra-thin customization! Width from 600, ground and wall construction, anti-slip piles, waterproof worry-free.



LG系列·经典砍岩钻头



硬岩克星!超大扭矩,针对超硬地层,性能优越。

The enemy of hard rock! Ultra-large torque, superior performance for ultra-hard strata.



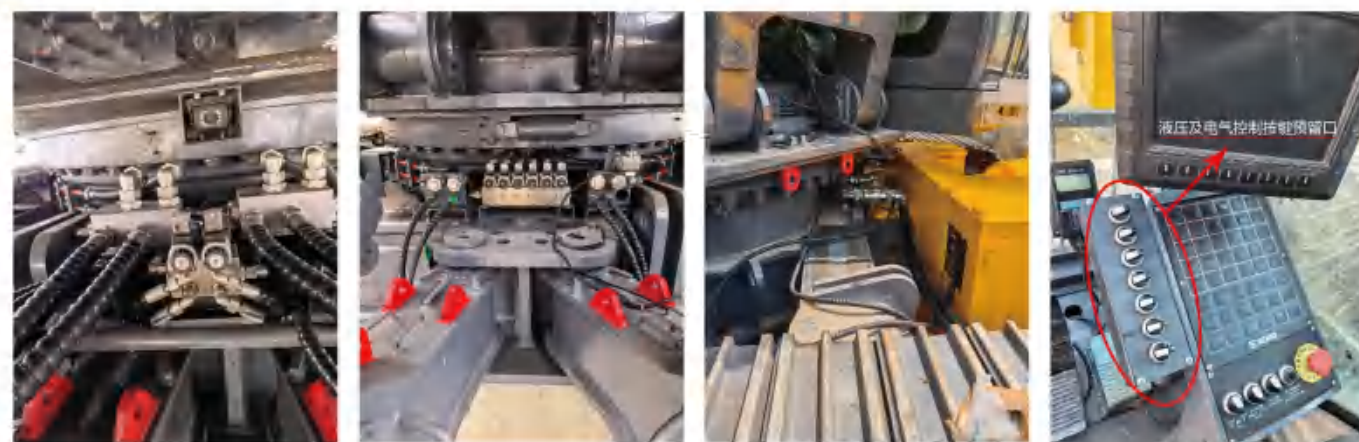
旋挖钢丝绳加压技改中案例



旋挖钢丝绳加压技改完成案例



旋挖搓管机和方桩钻头控制油路及电气预留口



KDH-7型



专为海外光伏项目打造，整机适配中东复杂工况。设备耐高温酷暑、抗强风沙侵袭，防尘密封系统完善，能够在高温暴晒、多沙尘的恶劣环境下持续稳定作业。

履带行走结构地形适应能力强，灵活应对戈壁、荒漠场地；液压动力系统输出强劲，钻孔效率高，维护便捷可靠，广泛适用于中东光伏电站桩基钻孔施工。

Specially developed for overseas photovoltaic projects, the whole machine is adaptable to complex working conditions in the Middle East.

Equipped with a complete dust-proof sealing system, it withstands high temperature, intense heat and heavy sandstorms, maintaining stable and continuous operation in harsh desert environments with blazing sunshine and frequent sand winds. Its crawler design features excellent terrain adaptability for Gobi and desert sites. Powered by a robust hydraulic drive system, it delivers high drilling efficiency with easy maintenance, and is widely applied for foundation drilling of photovoltaic power stations across the Middle East.

KD-400(31-25)(35-18)



配置型号说明：

项目 Model	机型参数 Model Parameters
机型/Model	KD400(31-25)(35-18)
排气量 Exhaust volume (m ³ /min)	工况 Working condition I 31/工况 Working condition II 35
排气压力 Exhaust pressure (MPa)	工况 Working condition I 2.5/工况 Working condition II 1.8
排气温度 Exhaust temperature(°C)	≤115
螺杆机润滑油量 Screw machine lubricating oil quantity (L)	80
排气口尺寸 Exhaust port size	G1½" G2"
电瓶规格 Battery specification	2×6-QW-200
行走系统 Running System	四轮移动 Four-wheel movement
冷却方式 Cooling method	风冷 Air cooling
传动方式 Transmission method	直联 Direct connection
制造厂家 Manufacturer	玉柴 Yuchai
发动机型号 Engine model	YC6MK400-H300
冷却方式 Cooling method	水冷 Water cooling
燃油/排放标准 Fuel/emission standard	柴油/国Ⅲ Diesel/National III
工作电压 (V) Operating voltage(V)	24
额定功率 (HP) / (kW) Rated power(HP)/ (kW)	295KW
转速 Rotational speed (rpm)	2000
空载转速 No-load speed (rpm)	1350
发动机润滑油量 Engine lubricating oil volume (L)	CH-4 20L
冷却液量 Coolant volume (L)	60
燃油箱容积 Fuel tank capacity (L)	320
长 Length (mm)	3500(不含牵引杆 Without drawbar)
宽 Width (mm)	1950
高 Height (mm)	2450
轮距 Wheel track (mm)	2070
重量 Weight (kg)	4600
备注 Remark	空压机性能测试标准:GB3853 一般用容积式空气压缩机性能测试方法 Air compressor performance test standard: GB3853 General volumetric air compressor performance test method.

配置型号说明：

项目 Model	参数 Parameters
钻孔直径 Hole diameter	Φ300 - Φ400mm
钻孔深度 Drilling depth	0 - 10m
行走速度 Walking speed	2km/h
适应岩石硬度 Applicable rock hardness	f=6 - 20
耗风量 Air consumption	11 - 28m ³ /min
工作风压 Working air pressure	1.2 - 2.5MPa
最大回转扭矩 Maximum turning torque	5000N · m
最大提升力 Maximum lifting force	2T
发动机功率 Engine power	88kW
回转转速 Rotation rate	0 - 110rpm
额定推进速度 Rated propulsion speed	46m/min
一次推进长度 One push length	4.15m
滑架最大倾角 Maximum inclination angle of carriage	160 °
滑架最大摆角 Maximum swing angle of carriage	L56 ° / R 35 °
钻臂最大水平摆角 Maximum horizontal swing angle of drill boom	L, R45 °
最大水平钻凿高度 Maximum horizontal drilling height	3.3m
补偿长度 Compensation length	1.2m
最小离地高度 Minimum ground clearance	270mm
回转马达功率(16MPa) Swing motor power	21.28kW
行走马达功率(18MPa) Travel motor power	13.92kW
推进马达功率(18MPa) Propulsion motor power	7.1kW
外形尺寸(长宽高) Dimensions (LWH)	7000×2200×2100mm
重量 Weight	6700kg



