

Introduction

企业简介 Enterprise Profile

YAHE HEAVY INDUSTRY 

Shandong Yahe Construction Machinery Co., Ltd. is a modern professional R&D and manufacturing enterprise of heavy construction machinery. The company covers an area of 12,000 square meters, with a construction area of 5,000 square meters, and has a total investment of 80 million yuan. The company has been engaged in the research and production of rotary drilling rigs, various hydraulic parts and other construction machinery since 1995, and has established long-term cooperative relations with international parts suppliers such as Cummins, Rexroth, and Kawasaki.

The company has independent import and export rights, has passed ISO9001 certification, and has obtained CE, SGS, CQC certification, and its products have been recognized by global authoritative organizations. Our rotary drilling rigs are of reliable quality, beautiful appearance, practical structure, and thoughtful after-sales service. They are widely used in municipal construction, railways, highways, bridges, docks, large ports and high-rise buildings and other basic constructions, and have won the trust and praise of users. Products are exported to Australia, South Africa, Russia, Africa and other places. At the same time, our products enjoy the reputation of "less investment and high efficiency". As a manufacturer of rotary drilling rigs in the world, we can also customize machines according to customer requirements. We not only provide machinery, but also provide customers with reliable brands.

Welcome to visit our factory in China and look forward to establishing a long-term business relationship with you.



山东亚和工程机械设备有限公司是一家现代化的专业重型工程机械研发制造企业，公司占地面积12000平方米，建筑面积5000平方米，总投资8000万元。公司自1995年开始从事旋挖钻机、各种液压件及其他工程机械的研发和生产，与康明斯、力士乐、川崎等国际配件供应商建立了长期合作关系。

公司拥有自主进出口权，已通过iso9001认证，并已获得CE、SGS、CQC认证，产品已获得全球权威机构的认可。我们的旋挖钻机质量可靠，外形美观，结构实用，售后服务周到，广泛应用于市政建设、铁路、公路、桥梁、码头、大型港口及高层建筑等基础施工，赢得了广大用户的信赖和好评，产品远销澳大利亚、南非、俄罗斯和非洲等地，同时我们的产品享有“投资少、效率高”的美誉。作为世界旋挖钻机的制造商，我们也可以根据客户的要求定制机器。我们不仅提供机械，还为客户提供可靠的品牌。

欢迎来中国参观我们的工厂，期待与您建立长期的业务关系。





徐工55 旋挖钻机

XCMG 55 Rotary drilling rig



型号 Model	徐工55旋挖钻机 XCMG 55 Rotary drilling rig
最大钻孔深度m Maximum Drilling depth	15
最大钻孔直径mm Maximum Drilling diameter	1000
外形尺寸 (mm 长*宽*高) Size	4150*1960*3800 (transport)
整车重量t Vehicle weight	9
发动机 Engine	久保田 (Kubota) V2403
发动机功率kw/rpm Engine power	30.7/2000
额定扭矩kn.m Rated torque	30
钻进速度rpm drilling speed	10-55
主卷扬额定提升力kn Rated lifting force of main winch	50
副卷扬额定提升力kn Rated lifting force of sub-winch	15
排放标准 Emissions	Euro 5

1. 新一代久保田欧5发动机动力总成，机械式燃油喷射系统全新优化，噪音低，燃油经济性好，油品适用性高；
2. 整体外形采用了无尾式的设计，实现了在狭小空间内平行于墙面的旋挖钻孔，满足城市施工的多项极端工况；
3. 全新一代主阀，进一步优化动作协调性，提升钻进效率、钻进和提土速度，钻桅更加灵活，行走冲击优化，启动和停止更加柔和；
4. 满足CE认证（欧洲认证）加大豪华驾驶室，7寸仪表，最大程度的提高舒适性。配备冷暖空调，可快速降温或升温，左侧翻转式扶手箱，大幅增加上车通道空间。

1. A new generation of Kubota Euro 5 engine powertrain, the mechanical fuel injection system is completely optimized, with low noise, good fuel economy and high oil adaptability;
2. The overall shape adopts a tailless design, realize rotary drilling parallel to the wall in a narrow space and meet various extreme working conditions of urban construction;
3. A brand-new main valve further optimizes the coordination of actions, improves the drilling efficiency, drilling and soil lifting speed, makes the drill mast more flexible, optimizes the walking impact, and makes the start and stop softer;
4. Meet CE certification (European certification) and increase the luxury cab and 7-inch instrument to maximize comfort. Equipped with heating and cooling air conditioning, it can quickly reduce the temperature or increase the temperature, and the left side turnover armrest box greatly increases the space of the boarding passage.



三一75旋挖钻机

SANY 75 Rotary drilling rig

型号 Model	三一75旋挖钻机 SANY 75 Rotary drilling rig
钻孔深度m Drilling depth	15
钻孔直径mm Drilling diameter	350-1500
外形尺寸 (mm 长*宽*高) Size	7500*2220*3200 (transport)
整车重量t Vehicle weight	12
发动机品牌 Engine brand	五十铃 ISUZU
发动机功率kw/rpm Engine power	55/2000
动力头最大扭矩kn.m Maximum torque of the power head	80
动力头转速rpm Power head speed	40
主卷扬最大提升力kn Maximum lifting force of the main winch	50
副卷扬最大提升力kn Maximum lifting force of auxiliary winch	13
履带板宽mm Track shoe width	450

动力系统

搭载五十铃4JG3X发动机，额定功率55kW，功率富余量更足，采用高压共轨技术，额定油耗降低。

液压系统

搭载负载敏感系统，作业效率更高、操控性能更好、钻孔性能优越。主阀通径大，压损减少，阀体油道优化，减少液动力，总体作业能效提升。

升级驾驶室-全新体验

内饰升级：内饰造型全新设计，水杯位置调整至右操作杆前，缩减右侧风道空间。多功能面板、一键启动和油门旋钮合二为一，标配水杯座、12V电源口、USB接口，更佳人性化。7吋智能触控大屏：屏幕集成蓝牙、USB、电话、收音机等功能，可自由切换多媒体音源设备，车况信息随时查看。

Dynamic system:

Equipped with Isuzu 4JG3X engine, with a rated power of 55kW and more power surplus, it adopts high-pressure common rail technology to reduce fuel consumption at the rated point.

Hydraulic system:

Equipped with a load sensitive system, it has higher work efficiency, better handling performance, and superior flat performance. The main valve diameter increases, the pressure loss decreases, the valve body oil passage is optimized, the hydraulic force is reduced, and the overall operational energy efficiency is improved.

Upgraded Driver's Cabin - New Experience:

Interior upgrade: The interior design is completely new, with the water cup adjusted to the front of the right control lever, reducing the space in the right air duct. The multifunctional panel, one key start and throttle knob are combined into one, with a standard cup holder, 12V power port, and USB interface, making it more user-friendly. 7-inch intelligent touch screen: The screen integrates functions such as Bluetooth, USB, phone, radio, etc., allowing for free switching of multimedia audio sources and viewing of vehicle condition information at any time.





履带式多功能打桩机

Crawler type multifunctional pile driver



型号 Model	多功能打桩机 Multifunctional pile driver
外形尺寸 (mm 长*宽*高) Size	4500-7500*1920*2800 (transport)
液压锤型号mm Hydraulic Hammer Model	AR75/85/100 (optional)
液压锤流量L/min Hydraulic Hammer flow	50-110
冲击频率bmp Impact frequency	350-800
钎杆直径mm drill rod diameter	75/85/100 (optional)
液压系统压力Mpa Hydraulic system pressure	22
整车重量t Vehicle weight	7.3
发动机功率kw Engine power	85
发动机额定转速 r/min Rated engine speed	2600
履带板宽mm Track shoe width	350
行走马达最大扭矩N·m Maximum torque of walking motor	11500
行走马达总排量 ml/r Total displacement of walking motor	53
行走马达额定压力 Mpa Rated pressure of walking motor	30

产品功能: 一机多用, 可平行打桩钻孔、垂直打桩钻孔, 可配空压机;
使用领域: 非公路护栏钻孔、打桩; 光伏发电场打桩; 打水井; 护坡桩; 矿山开采; 土石方爆破; 岩石穿孔;
煤矿施工; 其他各种场地打桩 (如农场、牧场、果园等);

产品详情: 多功能履带光伏打桩机可对目前光伏施工拧桩、螺旋孔、潜孔锤、冲击桩等各种工艺施工, 该设备液压部件采用进口原件, 大大提高了设备的性能及稳定性。

动力配置: 合理功率, 性能优越的柴油机, 为施工作业提供了强大的动力源泉, 动力的可靠性, 燃油的经济性, 得到了大幅提升。

液压系统: 先进的液压系统, 高品质的液压元件, 严格的装配工艺, 保证液压系统的高效率和耐久性。

Product function: One machine with multiple functions, capable of parallel and vertical pile drilling, and can be equipped with an air compressor for rock drilling.

Field of use: drilling and piling for non highway guardrails; Piling of photovoltaic power plants; Drilling wells; Construction of slope protection piles; Mining; Earthwork blasting; Rock perforation; Coal mine construction; Piling in various other venues (such as farms, pastures, orchards, etc.)

Product Details: The multi-functional crawler photovoltaic pile driver can be used for various processes such as photovoltaic construction screwing piles, screw holes, down-the-hole hammers, impact piles, etc. The hydraulic components of the equipment are imported from Europe and America, which greatly improves the performance and stability of the equipment.

Hydraulic system: Advanced hydraulic system, high-quality hydraulic components, and strict assembly process ensure the high efficiency and durability of the hydraulic system.



迷你旋挖钻机

Mini rotary drilling rig

性能参数

整机重量t Machine weight(t)	8.5
最大钻孔深度m Maximum drilling depth(m)	13
钻孔直径mm drilling diameter(mm)	500-1000
发动机品牌 Engine brand	洋马/久保田/五十铃 YANMAR/KUBOTA/ISUZU
发动机额定功率KW/rpm Engine rated power(KW/rpm)	36
主卷扬最大提升力KN Maximum lifting force of the pressurization system(KN)	50
副卷扬最大提升力KN Maximum lifting force of the auxiliary winch(KN)	13
工作状态宽度mm Overall width of working state(mm)	2000
运输状态长度mm Overall length of transport status(mm)	3800
运输状态宽度mm Overall width of transport status(mm)	2000
运输状态高度mm Overall height of transport status(mm)	3400

性能特点

- 1、机身小，重量轻，运输、转场方便；
- 2、用于挖掘机快速改制的小型旋挖钻机；
- 3、施工工艺多样化，可以带各种钻具；
- 4、高工效、低运营成本的小口径旋挖钻机；
- 5、拥有快速转换装置，轻巧灵活，低净空作业；
- 6、全方位的电控传感系统，实现深度测量和垂直度检测；
- 7、可遥控行走，装卸车、转场安全高效。

1. Small fuselage, light weight, convenient transportation and transfer;
2. Small rotary drilling rig quickly reformed from excavator;
3. The construction process is diversified, and various drilling tools can be brought;
4. Small diameter rotary drilling rig with high work efficiency and low operation cost;
5. It has fast conversion device, light and flexible, low clearance operation;
6. Omnidirectional electric control sensing system to realize depth measurement and verticality detection;
7. It can walk remotely, loading and unloading vehicles and transfer safely and efficiently.





DR-90机锁杆旋挖钻机

Kelly bar rotary drilling rig



性能特点

- 2.4m宽履带底盘，使用小型改装车即可运输，农村道路畅通无阻；
- 整机造型小巧，机动灵活，尤其适用于各种特殊狭窄、低矮小空间工业与民用建筑工地；
- 采用旋挖钻机专用液压履带底盘，加装推铲功能，满足超强的稳定性和运输便捷性；
- 川崎液压动力系统，匹配合理，施工效率高；
- 高清触摸液晶显示屏，操作简便灵活，钻孔深度、桅杆垂度检测，故障自动报警；
- 多种规格钻具配置可供选择，满足不同地层的高效施工；
- 标配集中润滑系统，维护保养更加便捷。

- 2.4m wide crawler chassis, which can be transported by small modified vehicles, and the rural roads are unobstructed;
- The whole machine is small and flexible, especially suitable for all kinds of special narrow, low and small space industrial and civil construction sites;
- The special hydraulic crawler chassis of rotary drilling rig is adopted, and the push shovel function is added to meet the super stability and transportation convenience;
- The reasonably matched Kawasaki hydraulic power system has high construction efficiency;
- High definition touch LCD screen, easy and flexible operation, detection of drilling depth and mast sag, and automatic fault alarm;
- A variety of drilling tool configurations are available to meet the efficient construction of different formations;
- The standard centralized lubrication system makes maintenance more convenient.

性能参数

型号 Model	DR-90
整机重量t Machine weight(t)	15-19
最大钻孔深度m Maximum drilling depth(m)	15
钻孔直径mm drilling diameter(mm)	450-1500
发动机品牌 Engine brand	玉柴/潍柴/康明斯 (可选配) YUCHAI/WEICHAI/Cummins(Optional)
发动机额定功率KW/rpm Engine rated power(KW/rpm)	110KW
液压系统最大工作压力主泵MPa Maximum working pressure of hydraulic system main pump(MPa)	30
主卷扬最大提升力KN Maximum lifting force of the pressurization system(KN)	120
副卷扬最大提升力KN Maximum lifting force of the auxiliary winch(KN)	15
工作状态宽度mm Overall width of working state(mm)	2400
运输状态长度mm Overall length of transport status(mm)	9500
运输状态宽度mm Overall width of transport status(mm)	2400
运输状态高度mm Overall height of transport status(mm)	3250

仅供参考，请以实际产品为准。
For reference only, please refer to the actual product.



DR-100机锁杆旋挖钻机

Kelly bar rotary drilling rig

性能参数

型号 Model	DR-100
整机重量t Machine weight(t)	22-24
最大钻孔深度m Maximum drilling depth(m)	20
钻孔直径mm drilling diameter(mm)	450-1600
发动机品牌 Engine brand	玉柴/潍柴/康明斯 (可选配) YUCHAI/WEICHAI/Cummins(Optional)
发动机额定功率KW/rpm Engine rated power(KW/rpm)	110KW-151KW
液压系统最大工作压力主泵MPa Maximum working pressure of hydraulic system main pump(MPa)	30
主卷扬最大提升力KN Maximum lifting force of the pressurization system(KN)	120
副卷扬最大提升力KN Maximum lifting force of the auxiliary winch(KN)	15
工作状态宽度mm Overall width of working state(mm)	2600
运输状态长度mm Overall length of transport status(mm)	11500
运输状态宽度mm Overall width of transport status(mm)	2600
运输状态高度mm Overall height of transport status(mm)	3350

性能特点

- 2.6m宽履带底盘，使用小型改装车即可运输；
 - 采用旋挖钻机专用液压履带底盘，加装推铲功能，满足超强的稳定性和运输便捷性；
 - 结构优化的三角大臂、平行四边形变幅机构设计，运作稳定，易于保养和维修；
 - 川崎液动力系统，匹配合理，施工效率高；
 - 液压系统采用负流量控制技术，加装上下限位；
 - 加装按钮自动钻进功能，减轻机手的劳动强度。
- 2.6m wide crawler chassis, which can be transported by small modified vehicle;
 - He special hydraulic crawler chassis of rotary drilling rig is adopted, and the push shovel function is added to meet the super stability and transportation convenience;
 - The triangular boom and parallelogram luffing mechanism with optimized structure have stable operation and easy maintenance;
 - Kawasaki hydraulic power system, reasonable matching and high construction efficiency;
 - The hydraulic system adopts negative flow control technology and is equipped with upper and lower limits;
 - The button automatic drilling function is installed to reduce the labor intensity of the manipulator.





DR-130机锁杆旋挖钻机

Kelly bar rotary drilling rig



性能特点

- 1、2.8m宽履带底盘，小型改装车即可运输，农村道路畅通无阻；
- 2、采用旋挖钻机专用液压履带底盘，加装推铲功能，性能稳定可靠；
- 3、采用康明斯六缸涡轮增压发动机和大流量主泵，动力强劲，环保节能；
- 4、主卷扬具有自动下放，保证钻进速度与钢丝绳同步（不乱绳），操作方便自如，延长钢丝绳使用寿命；
- 5、采用高效无极变量动力头，高低速控制，钻进更高效，降低整机工作时的震动；
- 6、加装按钮自动钻进功能，减轻机手的劳动强度。

1. 2.8m wide crawler chassis, which can be transported by small modified vehicles, and the rural roads are unobstructed;
2. The special hydraulic crawler chassis of rotary drilling rig is adopted, and the bulldozer function is added, with stable and reliable performance.
3. Cummins six cylinder turbocharged engine and large flow main pump are adopted, with strong power, environmental protection and energy saving;
4. The main winch has automatic lowering to ensure that the drilling speed is synchronized with the steel wire rope (without disordering the rope), the operation is convenient and free, and the service life of the steel wire rope is prolonged.
5. High efficiency stepless variable power head and high and low speed control are adopted to make drilling more efficient and reduce the vibration of the whole machine during operation.
6. The button automatic drilling function is installed to reduce the labor intensity of the manipulator.

性能参数

型号 Model	DR-130
整机重量t Machine weight(t)	26
最大钻孔深度m Maximum drilling depth(m)	30
钻孔直径mm drilling diameter(mm)	500-1600
发动机品牌 Engine brand	玉柴/潍柴/康明斯 (可选配) YUCHAI/WEICHAI/Cummins(Optional)
发动机额定功率KW/rpm Engine rated power(KW/rpm)	126KW-151KW
液压系统最大工作压力主泵MPa Maximum working pressure of hydraulic system main pump(MPa)	30
主卷扬最大提升力KN Maximum lifting force of the pressurization system(KN)	150
副卷扬最大提升力KN Maximum lifting force of the auxiliary winch(KN)	15
工作状态宽度mm Overall width of working state(mm)	2800
运输状态长度mm Overall length of transport status(mm)	11500
运输状态宽度mm Overall width of transport status(mm)	2800
运输状态高度mm Overall height of transport status(mm)	3400



DR-150机锁杆旋挖钻机

Kelly bar rotary drilling rig



性能特点

- 1、运输宽度仅2.8m，高度仅3.4m，造型美观，小巧灵活，适用于各种特殊地形建筑工地；
- 2、采用六缸涡轮增压中风冷发动机，动力强劲，满足排放标准，环保节能；
- 3、川崎液压动力系统，匹配合理，施工效率高；
- 4、主卷扬具有自动下放功能，保证钻进速度与钢丝绳同步（不乱绳），操作方便自如，延长钢丝绳使用寿命；
- 5、采用高效无极变量三动力头，高低速控制，扭矩更大，储备系数更高，施工能力更强；
- 6、加装按钮自动钻进功能，减轻机手的劳动强度；
- 7、选配无线操控，实现遥控行走装卸车、一键调垂、一键回位等功能。

1. The transportation width is only 2.8m and the height is only 3.4m. It has beautiful shape, small and flexible, and is suitable for construction sites in various special terrain;
2. Six cylinder turbocharged medium air-cooled engine is adopted, with strong power, meeting emission standards, environmental protection and energy saving;
3. Kawasaki hydraulic power system, reasonable matching and high construction efficiency;
4. The main winch has the function of automatic lowering to ensure that the drilling speed is synchronized with the steel wire rope (without disordering the rope), the operation is convenient and free, and the service life of the steel wire rope is prolonged;
5. High efficiency stepless variable three power head, high and low speed control, larger torque, higher reserve coefficient and stronger construction capacity;
6. The button automatic drilling function is installed to reduce the labor intensity of the manipulator;
7. Wireless control is selected to realize the functions of remote control walking, loading and unloading vehicle, one key vertical adjustment, one key return, etc

性能参数

型号 Model	DR-150
整机重量t Machine weight(t)	30
最大钻孔深度m Maximum drilling depth(m)	30
钻孔直径mm drilling diameter(mm)	500-1800
发动机品牌 Engine brand	玉柴/潍柴/康明斯 (可选配) YUCHAI/WEICHAI/Cummins(Optional)
发动机额定功率KW/rpm Engine rated power(KW/rpm)	151KW-176KW
液压系统最大工作压力主泵MPa Maximum working pressure of hydraulic system main pump(MPa)	30
主卷扬最大提升力KN Maximum lifting force of the pressurization system(KN)	150
副卷扬最大提升力KN Maximum lifting force of the auxiliary winch(KN)	15
工作状态宽度mm Overall width of working state(mm)	4200
运输状态长度mm Overall length of transport status(mm)	13000
运输状态宽度mm Overall width of transport status(mm)	2800
运输状态高度mm Overall height of transport status(mm)	3500

仅供参考，请以实际产品为准。
For reference only, please refer to the actual product.



DR-160机锁杆旋挖钻机

Kelly bar rotary drilling rig



性能参数

型号 Model	DR-160
整机重量t Machine weight(t)	35
最大钻孔深度m Maximum drilling depth(m)	40
钻孔直径mm drilling diameter(mm)	500-1800
发动机品牌 Engine brand	潍柴/康明斯 (可选配) WEICHAI/Cummins(Optional)
发动机额定功率KW/rpm Engine rated power(KW/rpm)	158KW-176KW
液压系统最大工作压力主泵MPa Maximum working pressure of hydraulic system main pump(MPa)	30
主卷扬最大提升力KN Maximum lifting force of the pressurization system(KN)	150
副卷扬最大提升力KN Maximum lifting force of the auxiliary winch(KN)	15
工作状态宽度mm Overall width of working state(mm)	4200
运输状态长度mm Overall length of transport status(mm)	13000
运输状态宽度mm Overall width of transport status(mm)	2800
运输状态高度mm Overall height of transport status(mm)	3550

性能特点

- 1、运输宽度仅2.8m，高度仅3.4m，造型美观，小巧灵活，适用于各种特殊地形建筑工地；
- 2、平行四边形设计的变幅机构，运作稳定，调节简单，整体式支杆设计，支撑力更强，维修率更低；
- 3、选用康明斯（潍柴）六缸涡轮增压中风冷发动机，动力强劲，满足排放标准，环保节能；
- 4、主卷扬具有自动下放功能，确保钻进速度与钢丝绳同步（不乱绳），操作方便自如，延长钢丝绳使用寿命；
- 5、高清触摸液晶显示屏，操作简便灵活，钻孔深度、桅杆垂直度检测，故障自动报警；
- 6、选配无线操控，实现遥控行走装卸车、一键调垂、一键回位等功能。

1. The transportation width is only 2.8m and the height is only 3.4m. It has beautiful shape, small and flexible, and is suitable for construction sites in various special terrain;
2. The luffing mechanism with parallelogram design has stable operation, simple adjustment, integral strut design, stronger support force and lower maintenance rate;
3. Cummins (Weichai) six cylinder turbocharged medium air-cooled engine is selected, with strong power, meeting emission standards, environmental protection and energy saving;
4. The main winch has the function of automatic lowering to ensure that the drilling speed is synchronized with the steel wire rope (without disordering the rope), the operation is convenient and free, and the service life of the steel wire rope is prolonged;
5. High definition touch LCD screen, easy and flexible operation, detection of drilling depth and mast perpendicularity, and automatic fault alarm;
6. Wireless control is selected to realize the functions of remote control walking loading and unloading vehicle, one key vertical adjustment, one key return and so on.





DR-180机锁杆旋挖钻机

Kelly bar rotary drilling rig



性能参数

型号 Model	DR-180
整机重量t Machine weight(t)	46
最大钻孔深度m Maximum drilling depth(m)	45
钻孔直径mm drilling diameter(mm)	600-2000
发动机品牌 Engine brand	潍柴/康明斯 (可选配) WEICHAI/Cummins(Optional)
发动机额定功率KW/rpm Engine rated power(KW/rpm)	176KW-194KW
液压系统最大工作压力主泵MPa Maximum working pressure of hydraulic system main pump(MPa)	30
主卷扬最大提升力KN Maximum lifting force of the pressurization system(KN)	200
副卷扬最大提升力KN Maximum lifting force of the auxiliary winch(KN)	50
工作状态宽度mm Overall width of working state(mm)	4200
运输状态长度mm Overall length of transport status(mm)	12000
运输状态宽度mm Overall width of transport status(mm)	3000
运输状态高度mm Overall height of transport status(mm)	3550

性能特点

- 1、平行四边形设计的变幅机构，运作稳定，调节简单，整体式支杆设计，支撑力更强，维修率更低；
- 2、选用康明斯（潍柴）六缸涡轮增压中冷发动机，动力强劲，满足排放标准，环保节能；
- 3、主卷扬具有自动下放功能，保证钻进速度与钢丝绳同步（不乱绳），操作方便自如，延长钢丝绳使用寿命；
- 4、加装上下限位、断油、断电功能，使液压系统效率更高，更节能；
- 5、多种规格钻杆、钻具配置可供选择，满足不同地层的高效施工；
- 6、选配无线操控，实现遥控行走装卸车、一键调垂、一键回位等功能。

1. The luffing mechanism with parallelogram design has stable operation, simple adjustment, integral strut design, stronger support force and lower maintenance rate;
2. Cummins (Weichai) six cylinder turbocharged medium air-cooled engine is selected, with strong power, meeting emission standards, environmental protection and energy saving;
3. The main winch has the function of automatic lowering to ensure that the drilling speed is synchronized with the steel wire rope (without disordering the rope), the operation is convenient and free, and the service life of the steel wire rope is prolonged;
4. The upper and lower limit, oil cut-off and power-off functions are installed to make the hydraulic system more efficient and energy-saving;
5. Various specifications of drill pipes and drilling tools can be selected to meet the efficient construction of different formations;
6. Wireless control is selected to realize the functions of remote control walked loading and unloading vehicle, one key vertical adjustment, one key return, etc.



DR-220机锁杆旋挖钻机

Kelly bar rotary drilling rig



性能参数

型号 Model	DR-220
整机重量t Machine weight(t)	55
最大钻孔深度m Maximum drilling depth(m)	46-60
钻孔直径mm drilling diameter(mm)	600-2200
发动机品牌 Engine brand	潍柴/康明斯 (可选配) WEICHAI/Cummins(Optional)
发动机额定功率KW/rpm Engine rated power(KW/rpm)	194KW-220KW
液压系统最大工作压力主泵MPa Maximum working pressure of hydraulic system main pump(MPa)	30
主卷扬最大提升力KN Maximum lifting force of the pressurization system(KN)	260
副卷扬最大提升力KN Maximum lifting force of the auxiliary winch(KN)	80
工作状态宽度mm Overall width of working state(mm)	4400
运输状态长度mm Overall length of transport status(mm)	13500
运输状态宽度mm Overall width of transport status(mm)	3200
运输状态高度mm Overall height of transport status(mm)	3600

性能特点

- 1、采用专用液压伸缩式履带底盘，技术成熟，性能稳定可靠；
- 2、吊锚架一键折叠、免拆除桅杆支撑，转场方便快捷；
- 3、采用大流量主泵、多档动力头、双速加压油缸，施工效率更高；
- 4、后置单排绳主卷扬、一筒双机，提升能力更强；单层钢丝绳，最大限度地延长钢丝绳的使用寿命；
- 5、动力头扭矩达220kN·m，转速可达30rpm/min；配备14米钻杆，钻深可达60m；
- 6、桅杆自动垂直度技术使钻孔的垂直精度更高；
- 7、360°全方位视频监控系統、全景天窗设计、系统安全预警提示、上车扶梯、声光报警等，为现场提供安全（可选）；

1. Special hydraulic telescopic crawler chassis is adopted, with mature technology and stable and reliable performance;
2. The anchor frame can be folded with one key without removing the mast support, and the transfer is convenient and fast;
3. High flow main pump, multi gear power head and two speed pressurized oil cylinder are adopted to improve the construction efficiency;
4. The rear single row rope main winch and one barrel double winch have stronger lifting capacity; Single layer steel wire rope to maximize the service life of steel wire rope;
5. The torque of the power head reaches 220kn · m and the rotating speed reaches 30rpm / min; Equipped with 14m drill pipe, the drilling depth can reach 60m;
6. The mast automatic perpendicularity technology makes the drilling vertical accuracy higher;
7. 360 ° omnidirectional video monitoring system, panoramic skylight design, system safety early warning prompt, boarding escalator, audible and visual alarm, etc. to provide safety for the site (optional).





DR-285轮式旋挖钻机

Kelly bar rotary drilling rig

性能参数

型号 Model	DR-285
整机重量t Machine weight(t)	70
最大钻孔深度m Maximum drilling depth(m)	60-80
钻孔直径mm drilling diameter(mm)	600-2400
发动机品牌 Engine brand	潍柴/康明斯 (可选配) WEICHAI/Cummins(Optional)
发动机额定功率KW/rpm Engine rated power(KW/rpm)	220KW-300KW
液压系统最大工作压力主泵MPa Maximum working pressure of hydraulic system main pump(MPa)	30
主卷扬最大提升力KN Maximum lifting force of the pressurization system(KN)	300
副卷扬最大提升力KN Maximum lifting force of the auxiliary winch(KN)	90
工作状态宽度mm Overall width of working state(mm)	4500
运输状态长度mm Overall length of transport status(mm)	15500
运输状态宽度mm Overall width of transport status(mm)	3300
运输状态高度mm Overall height of transport status(mm)	3610

性能特点

- 1、采用涡轮增压中风冷发动机，功率更大，动力强劲，环保节能；液压采用电液控制技术；
- 2、采用旋挖钻机专用H型液压伸缩式履带底盘和大直径回转支承，满足超强稳定性和运输便捷性；
- 3、主卷扬采用单排绳技术，提升能力强，且大限度地延长钢丝绳的使用寿命，降低使用成本；
- 4、桅杆前后折叠，大角度桅杆油缸支撑、低重心，使机器结构更稳定，承载更强；
- 5、采用高效无极变量、多档位动力头，扭矩更大，储备系数更高，施工能力更强、效率更高；
- 6、基于人机工学设计驾驶室，多功能手柄，舒适座椅，视线好、操作更舒适；
- 7、高清触摸显示屏、档位旋钮、翘板开关、启停开关等，极大方便操作；360°全方位视频监控系統 安全便捷。

1. The turbocharged medium air-cooled engine is adopted, which has greater power, strong power, environmental protection and energy saving. The hydraulic adopts electro-hydraulic control technology;
2. Special H-type hydraulic telescopic crawler chassis and large-diameter slewing bearing for rotary drilling rig are adopted to meet super stability and transportation convenience;
3. The main winch adopts single row rope technology, which has strong lifting capacity, greatly prolongs the service life of steel wire rope and reduces the service cost;
4. The mast is folded back and forth, supported by large angle mast oil cylinder and low center of gravity, so that the machine structure is more stable and the load is stronger;
5. Using high-efficiency stepless variable, multi-gear power head, larger torque, higher reserve coefficient, stronger construction ability and higher efficiency;
6. The cab is designed based on ergonomics, with multi-functional handle, comfortable seat, good vision and more comfortable operation;
7. High definition touch screen, gear knob, rocker switch, start/stop switch, etc., which is very convenient for operation; 360° omnidirectional video monitoring system, safe and convenient.





CFA旋挖钻机

CFA rotary drilling rig



性能特点

- 1、一机多用，实现旋挖工法与CFA工法的快速切换；
- 2、重量优化分布，安全性更高，稳定性更好，施工更安全；
- 3、全液压控制清土装置，可有效清除钻具渣土，降低人工成本；
- 4、主卷扬触底保护和优先控制功能，有效降低操作难度；
- 5、动力头键条正反使用，成倍延长其使用寿命；
- 6、桅杆自动垂直度技术可以使钻孔的垂直精度更高。

1. One machine has multiple functions to realize the rapid switching between rotary excavation method and CFA method;
2. Optimized weight distribution, higher safety, better stability and safer construction;
3. Full hydraulic control soil cleaning device can effectively remove drilling tool residue and reduce labor cost;
4. The bottom contact protection and priority control functions of the main winch effectively reduce the operation difficulty;
5. The power head key strip can be used in both positive and negative ways to double its service life;
6. The mast automatic perpendicularity technology can improve the vertical accuracy of drilling.

性能参数

型号 Model	CFA钻机 CFA drilling rig
整机重量t Machine weight(t)	22-40
最大钻孔深度m Maximum drilling depth(m)	5-20
钻孔直径mm drilling diameter(mm)	150-1000
发动机品牌 Engine brand	玉柴/潍柴/康明斯 (可选配) YUCHAI/WEICHAI/Cummins(Optional)
发动机额定功率KW/rpm Engine rated power(KW/rpm)	151KW-191KW
液压系统最大工作压力主泵MPa Maximum working pressure of hydraulic system main pump(MPa)	30



DR-150限高机锁杆旋挖钻机

Height limited rotary drilling rig

性能参数

型号 Model	DR-150
整机重量t Machine weight(t)	28
最大钻孔深度m Maximum drilling depth(m)	20
钻孔直径mm drilling diameter(mm)	500-1800
发动机品牌 Engine brand	玉柴/潍柴/康明斯 (可选配) YUCHAI/WEICHAH/Cummins(Optional)
发动机额定功率KW/rpm Engine rated power(KW/rpm)	151KW-176KW
液压系统最大工作压力主泵MPa Maximum working pressure of hydraulic system main pump(MPa)	30
主卷扬最大提升力KN Maximum lifting force of the pressurization system(KN)	150
副卷扬最大提升力KN Maximum lifting force of the auxiliary winch(KN)	15
工作状态高度mm Overall height of working state(mm)	9000
工作状态宽度mm Overall width of working state(mm)	4200
运输状态长度mm Overall length of transport status(mm)	7000
运输状态宽度mm Overall width of transport status(mm)	2800
运输状态高度mm Overall height of transport status(mm)	3550

性能特点

1. 运输宽度仅2.8m，高度仅3.4m，施工高度仅9m，小巧灵活，适用于各种特殊工况、地形建筑工地；
2. 采用六缸涡轮增压中风冷发动机，动力强劲，满足排放标准，环保节能；
3. 主卷扬具有自动下放功能，保证钻进速度与钢丝绳同步（不乱绳），操作方便自如，延长钢丝绳使用寿命；
4. 加装按钮自动钻进功能，减轻机手的劳动强度；
5. 采用新一代驾驶室，全新人机交互界面，视线好，操作更舒适；
6. 选配无线操控，实现遥控行走装卸车、一键调垂、一键回位等功能。

1. The transportation width is only 2.8m, the height is only 3.4m, and the construction height is only 9m. It is small and flexible, and is suitable for construction sites under various special working conditions and terrain;
2. Six cylinder turbocharged medium air-cooled engine is adopted, with strong power, meeting emission standards, environmental protection and energy saving;
3. The main winch has the function of automatic lowering to ensure that the drilling speed is synchronized with the steel wire rope (without disordering the rope), the operation is convenient and free, and the service life of the steel wire rope is prolonged;
4. The button automatic drilling function is installed to reduce the labor intensity of the manipulator;
5. The new generation cab and new man-machine interface are adopted, with good sight and more comfortable operation;
6. Wireless control is selected to realize the functions of remote control walking, loading and unloading vehicle, one key vertical adjustment, one key return, etc.





DL-180轮式旋挖钻机

Wheel type rotary drilling rig



性能参数

型号 Model	DL-180
整机重量t Machine weight(t)	8-10
最大钻孔深度m Maximum drilling depth(m)	5-20
钻孔直径mm drilling diameter(mm)	500-1500
发动机品牌 Engine brand	潍柴/WEICHA
发动机型号 Engine Model	4108/6105
发动机额定功率KW/rpm Engine rated power(KW/rpm)	85KW-126KW
液压系统最大工作压力主泵MPa Maximum working pressure of hydraulic system main pump(MPa)	25
主卷扬最大提升力KN Maximum lifting force of the pressurization system(KN)	80
副卷扬最大提升力KN Maximum lifting force of the auxiliary winch(KN)	15
工作状态宽度mm Overall width of working state(mm)	2350
运输状态长度mm Overall length of transport status(mm)	10200
运输状态宽度mm Overall width of transport status(mm)	1950
运输状态高度mm Overall height of transport status(mm)	3300

性能特点

1. 施工机动灵活、整机吨位小、操作简单、稳定性强；转场灵活，移动方便，180度自由旋转；
2. 轮式驱动系统移动快速、转场便利，可180度自由旋转，投资小、收益快；
3. 可自由放绳，采用油缸加压方式钻进；
4. 打桩速度快，施工效率高，成本低。

1. Flexible construction, small tonnage, simple operation and strong stability; Flexible transition, convenient movement, 180 degree free rotation;
2. Small investment and quick return;
3. The rope can be released freely and drilled by oil cylinder pressurization;
4. Fast piling speed, high construction efficiency and low cost.





DL-360轮式旋挖钻机

Wheel type rotary drilling rig

性能参数

型号 Model	DL-360
整机重量t Machine weight(t)	14
最大钻孔深度m Maximum drilling depth(m)	5-20
钻孔直径mm drilling diameter(mm)	500-1500
发动机品牌 Engine brand	潍柴/WEICHAI
发动机型号 Engine Model	6105
发动机额定功率KW/rpm Engine rated power(KW/rpm)	110KW
液压系统最大工作压力主泵MPa Maximum working pressure of hydraulic system main pump(MPa)	25
主卷扬最大提升力KN Maximum lifting force of the pressurization system(KN)	80
副卷扬最大提升力KN Maximum lifting force of the auxiliary winch(KN)	15
工作状态宽度mm Overall width of working state(mm)	4000
运输状态长度mm Overall length of transport status(mm)	9600
运输状态宽度mm Overall width of transport status(mm)	2200
运输状态高度mm Overall height of transport status(mm)	3100

性能特点

- 1、采用前后双胎、四驱、断气刹全液压四支腿底盘；
- 2、采用六缸涡轮增压发动机和大流量主泵，动力强劲，更加节能；
- 3、桅杆调垂采用双缸控制，操作简便，稳定性强；
- 4、钻杆采用双缸（选配双缸四绳）加压，稳定性好，加压力强；
- 5、全车油缸全部安装双向平衡阀，安全系数更高。

1. Full hydraulic four leg chassis with front and rear double tires, four-wheel drive and air brake;
2. Six cylinder turbocharged engine and large flow main pump are adopted, which has strong power and more energy saving;
3. The mast vertical adjustment adopts double cylinder control, which is simple to operate and has strong stability;
4. The drill pipe is pressurized by double cylinders (optional double cylinders and four ropes), with good stability and strong pressurization capacity;
5. All oil cylinders of the whole vehicle are equipped with two-way balance valves, with higher safety factor.





DF履带式旋挖钻机

Crawler type rotary drilling rig

性能参数

型号 Model	DF-15	DF-20
整机重量t Machine weight(t)	13-16	13-16
最大钻孔深度m Maximum drilling depth(m)	15	20
钻孔直径mm drilling diameter(mm)	500-1500	500-1500
发动机品牌 Engine brand	玉柴/潍柴/康明斯 (可选配) YUCHAI/WEICHAI/Cummins(Optional)	玉柴/潍柴/康明斯 (可选配) YUCHAI/WEICHAI/Cummins(Optional)
发动机额定功率KW/rpm Engine rated power(KW/rpm)	85KW-151KW	85KW-151KW
液压系统最大工作压力主泵MPa Maximum working pressure of hydraulic system main pump(MPa)	20-25	25-30
主卷扬最大提升力KN Maximum lifting force of the pressurization system(KN)	80	80
副卷扬最大提升力KN Maximum lifting force of the auxiliary winch(KN)	15	15
工作状态宽度mm Overall width of working state(mm)	2300	2400
运输状态长度mm Overall length of transport status(mm)	10200	10200
运输状态宽度mm Overall width of transport status(mm)	2300	2400
运输状态高度mm Overall height of transport status(mm)	2900	2900

性能特点

- 1、产品通过欧盟CE认证，严格按照欧盟安全标准设计；
- 2、采用旋挖钻机专用液压履带底盘，满足超强的稳定性和运输的便捷性；
- 3、采用潍柴六缸涡轮增压发动机和大流量主泵，动力强劲，更加节能；
- 4、桅杆调垂采用双缸控制，操作简便，稳定性强；
- 5、上车回转采用缓冲保护系统，有效保证旋挖钻机施工安全；
- 6、钻杆采用双缸（选配双缸四绳）加压，稳定性好，加压力强，换钢丝绳不拆钻杆，维修简单；
- 7、全车油缸全部安装双向平衡阀，安全系数更高；
- 8、标配集中润滑系统，维护保养更便捷。

1. The special hydraulic crawler chassis of rotary drilling rig is adopted to meet the super stability and transportation convenience;
2. Weichai six cylinder turbocharged engine and large flow main pump are adopted, which has strong power and more energy saving;
3. The mast vertical adjustment adopts double cylinder control, which is simple to operate and has strong stability;
4. The buffer protection system is adopted for the upper slewing to effectively ensure the construction safety of the rotary drilling rig;
5. The drill pipe is pressurized by double cylinders (optional double cylinders and four ropes), with good stability and strong pressure. The drill pipe is not disassembled when changing the steel wire rope, and the maintenance is simple;
6. The two-way balance valve is installed on all the oil cylinders of the whole vehicle, which has a higher safety factor;
7. The standard centralized lubrication system makes maintenance more convenient.



履带伸缩臂吊车

Crawler telescopic crane

性能参数

型号 Model	履带伸缩臂吊车 Crawler telescopic crane
最大额定起重量t Maximum rated lifting weight (t)	25
主臂长度m Length of main boom (m)	8.5*5
发动机品牌 Engine brand	康明斯/Cummins
发动机额定功率KW/rpm Engine rated power (KW/rpm)	154/2200





► 履带长螺旋打桩机
Crawler type long screw pile driver



► 汽车吊8-20t
Car crane



► 挖掘机改装旋挖钻机
Excavator refit rotary drilling rig



► 柴油锤打桩机
Diesel hammer pile driver



► 锚固钻机
Anchor drill rig



► 旋挖钻机配件
Rotary drilling tools



截齿螺旋钻

斗齿螺旋钻

截齿捞沙斗

截齿筒钻

体开式钻具

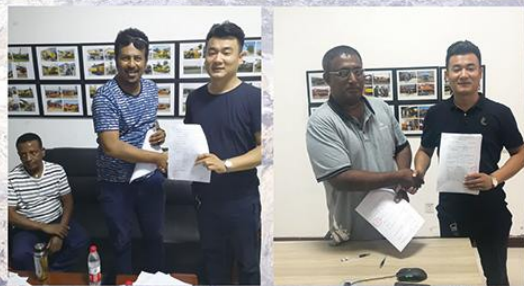
斗齿捞沙斗

取芯钻

三叉戟筒钻

仅供参考，请以实际产品为准。
For reference only, please refer to the actual product.

客户留影
Customer photo



客户留影
Customer photo