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MACHINERY

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打破成规, 拥抱新技术, 争做行业领军者

Break conventions, embrace new technologies, strive to be an industry leader



[北奕机械]

[让施工快人一步]

[Make construction one step faster]



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发展历程 Development process

2020-2025

20-25年北奕积极参加全球机械展览会,增加与同行的技术交流,拓展全球贸易市场。

From 2020 to 2025, Beiyi actively participated in global machinery exhibitions to increase technical exchanges with peers and expand the global trade market.

2016-2019

销售额创历史新高,北奕机械产品遍布全球;鹰嘴剪、拔管机、大型支撑梁粉碎机等产品陆续开拓市场。相继参加国内外工程机械展与技术交流扩大海内外销售量。

Sales hit a record high, and Beiyi machinery products spread all over the world; heavy products such as olecranon shears, tube extubators, and large support beam crushers have successively opened up markets. Participate in domestic and foreign construction machinery exhibitions and technical exchanges to expand sales at home and abroad.

2013-2015

北奕新品破桩机、拔桩机成功抢占全国市场并外销出口;研发新型桩工设备打桩机并出口国外。

Beiyi's new pile breaking machine and pile pulling machine have successfully seized the national market and exported them; researched and developed a new type of piling equipment, pile driver, and exported them abroad.

2006-2012

无锡力度挖掘机配件制造厂成立,设立南宁、济南、贵阳销售分店;杭州东奕搬迁至无锡,与无锡力度工厂合并;北奕挖掘机配件制造厂成立,北奕新产品研发中心建成。

Wuxi Lili Excavator Parts Manufacturing Factory was established, with sales branches in Nanning, Jinan, and Guiyang; Hangzhou Dongyi moved to Wuxi and merged with Wuxi Lili Factory; Beiyi Excavator Parts Manufacturing Factory was established, and Beiyi New Product R&D Center was established.

2003-2005

嘉兴工厂搬迁到杭州,并设立广州加工分厂,工厂发展壮大注册成立杭州东奕创展有限公司。

The Jiaxing factory was moved to Hangzhou, and a Guangzhou processing branch was established. The factory grew and registered and established Hangzhou Dongyi Chuangzhan Co., Ltd.

1996-2002

浙江嘉兴东奕挖掘配件加工厂成立。

Zhejiang Jiaxing Dongyi Excavator Parts Processing Factory was established.

公司简介

COMPANY INTRODUCTION

无锡市北奕挖掘机配件制造厂成立于1996年,是一家专业生产桩工机械、挖掘机配件、挖掘机属具和相关工程机械的厂家。公司总部位于无锡市惠山区洛社镇,主要经营产品包括:破拆粉碎设备、土方工程设备、桩工设备、环保回收设备等。经过多年的经营和积累,公司已经在国内多地设立了生产基地,销售网络遍布全国各个区域。目前,公司生产的产品已经广泛应用于建筑工程、桥梁工程等多个领域,并在业界获得了客户的普遍认可和赞誉。

公司秉承“打破成规,拥抱创新”的经营理念,以产品质量和技术为核心引导企业的发展。公司设有研发部,在引进国外先进技术和加工设备的基础上,不断创新,优化生产工艺流程,建立了符合公司实际情况的独特生产工艺和作业流程。为保证公司的产品质量,公司不断改进和完善检测方法,实施科学的品质管理,力求以优质的产品供应客户,服务市场。在抓好产品质量的同时,公司坚持“以诚待人,用心服务”的理念对待客户,尽可能帮助客户解决设备在使用中产生的问题,始终贯彻“客户至上”的服务宗旨,并为特殊的客户提供产品定制服务,以满足市场多元化的需求。

Wuxi beiyi excavator parts factory was established in 1996, specializing in the production of piling machinery, excavator parts, excavator accessories and related construction machinery. The company is headquartered in Luoshe Town, Huishan District, Wuxi City, the main products include: Demolition Crushing equipment, earthwork equipment, piling equipment, environmental recovery equipment. After years of operation and accumulation, the company has set up production bases in many parts of the country, sales network throughout the country's various regions. At present, the company's products have been widely used in construction engineering, bridge engineering and other fields, and in the industry has been widely recognized and praised by customers.

We adhere the business philosophy of "Break the rules, embrace innovation" and develop with the core of product quality and technology. Our company equips with experienced R&D team. On the basis of bringing in foreign advanced technology and processing equipment, we keep innovating and optimize our production process, then we established unique production technology and process according to our actual situation.



2025

长沙国际工程机械展
Changsha International Engineering Exhibition

越南工程展
Vietnam Engineering Exhibition

马来西亚国际工程展
Malaysia International Engineering Exhibition

印尼国际工程展
Indonesia International Engineering Exhibition

2024

菲律宾国际工程展
Philippine International Engineering Exhibition

俄罗斯国际工程展
Russia International Engineering Exhibition

上海宝马展
Bauma Shanghai

印尼国际工程展
Indonesia International Engineering Exhibition

2023

长沙国际工程展
Changsha International Engineering Exhibition

越南工程展
Vietnam Engineering Exhibition

2021

北京环保展
Beijing Environmental Protection Exhibition

2020

上海宝马展
Bauma Shanghai

2019

俄罗斯国际工程展
Russia International Engineering Exhibition

菲律宾国际工程展
Philippine International Engineering Exhibition

2018

上海宝马展
Bauma Shanghai

菲律宾国际工程展
Philippine International Engineering Exhibition

2017

北京机械工程展
Beijing Mechanical Engineering Exhibition

马来西亚国际工程展
Malaysia International Engineering Exhibition

2016

上海宝马展
Bauma Shanghai

菲律宾国际工程展
Philippine International Engineering Exhibition

2015

北京机械工程展
Beijing Mechanical Engineering Exhibition

2014

上海宝马展
Bauma Shanghai

2012

北京机械工程展
Beijing Mechanical Engineering Exhibition

沙特五大行业展
Big 5 Construct Saudi 2025

菲律宾国际工程展
Philippine International Engineering Exhibition

泰国国际工程展
Thailand International Engineering Exhibition

俄罗斯国际工程展
Russia International Engineering Exhibition

越南工程展
Vietnam Engineering Exhibition

马来西亚国际工程展
Malaysia International Engineering Exhibition

泰国国际工程展
Thailand International Engineering Exhibition

菲律宾国际工程展
Philippine International Engineering Exhibition

马来西亚国际工程展
Malaysia International Engineering Exhibition

缅甸国际工程展
Myanmar International Engineering Exhibition

印尼国际工程展
Indonesia International Engineering Exhibition

泰国国际工程展
Thailand International Engineering Exhibition

越南工程展
Vietnam Engineering Exhibition

第117届广交会
The 117th Canton Fair

历年展会 Exhibitions



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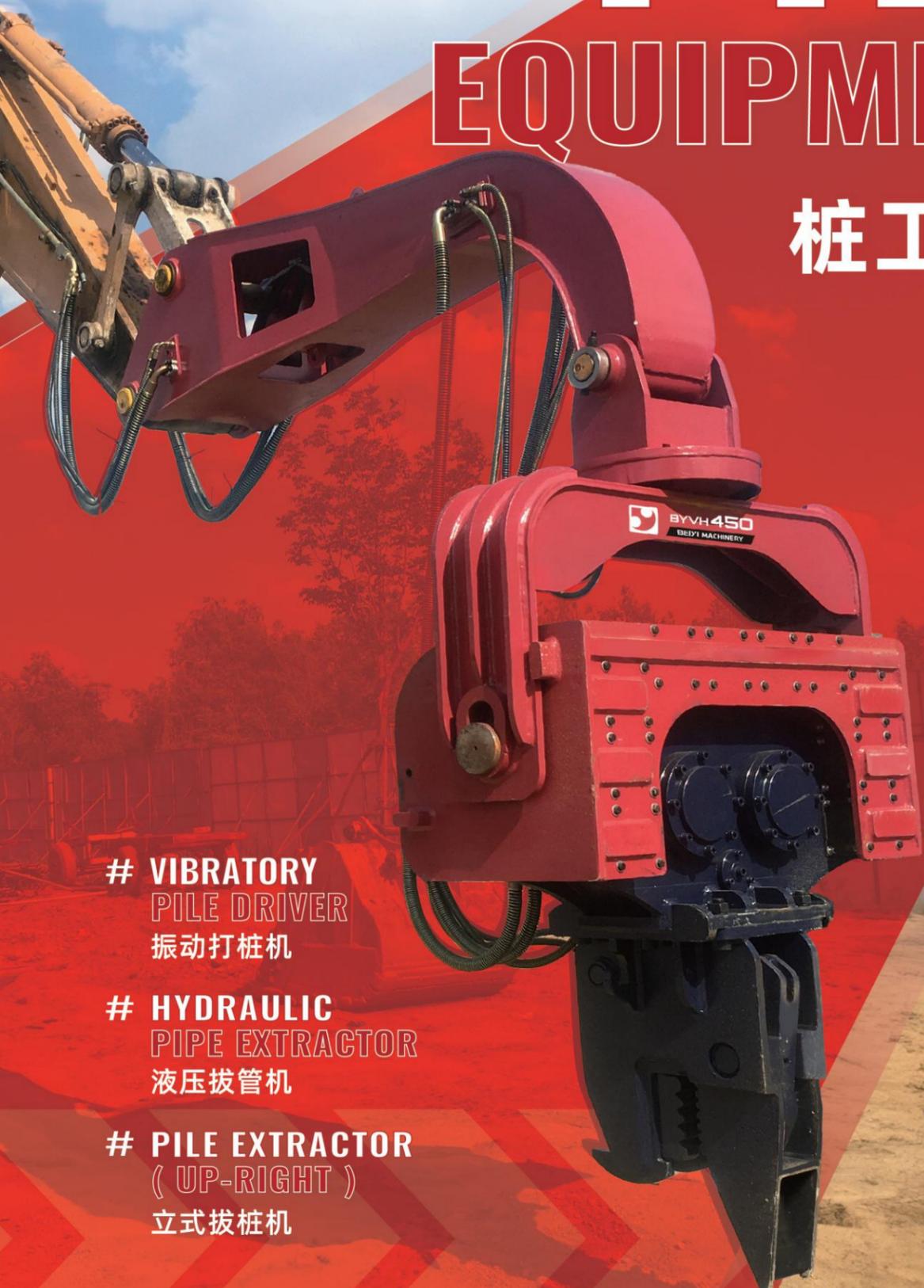
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PILE EQUIPMENT

桩工设备



VIBRATORY
PILE DRIVER
振动打桩机

HYDRAULIC
PIPE EXTRACTOR
液压拔管机

PILE EXTRACTOR
(UP-RIGHT)
立式拔桩机



液压拔管机 Hydraulic Pipe E

产品特点 / Product characteristics

1. 可根据钢管大小定制圆形夹具齿块，可定制U型钢夹具；
2. 夹具油缸设计护筒周边受力更均匀；
3. 遥控操作，可水陆两用。

1. The round clamp tooth block can be customized according to the size of the steel pipe, and the U-shaped steel clamp can be customized;
2. The clamp cylinder design makes the force around the casing more uniform;
3. Remote control operation, amphibious.

型号 Model	单位 Unit	BY-PTM630	BY-PTM830	BY-PTM920
起拔油缸数量 Number Of Lifting Cylinders	个	2	2	2
油缸最大行程 Maximum stroke of cylinder	mm	900	900	900
抱紧油缸数量 Number of holding cylinders	个	2	2	2
最大抱紧力 Maximum holding force	t (32MPa下)	250	300	300
最大套管直径 Maximum casing diameter	mm	630	830	920
最大起拔力 Maximum pull-out force	t (32MPa下)	500	600	650
重量(不含液压站) Weight (without hydraulic station)	kg	5400	5700	5900

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Our products are always being improved and are subject to change without notice due to technical reasons.

适应范围 Adaptive range

适用于基坑支护工程的支护结构，建筑工程、市政工程、港口工程、水利工程的陆上部位以及邻水基坑可参考使用。

PC pile is a combination of Russon pile and steel pipe to form a variety of cross-section pile. The utility model is suitable for supporting structure of foundation pit supporting engineering, and can be used for reference in construction engineering, municipal engineering, port engineering, land part of hydraulic engineering and adjacent water foundation pit.

全回转钻机 Casing Rotator



产品特点 / Product characteristics

- **低净空(建筑领域)** 低净空主要指的是在有限高度空间内进行的施工或作业, 常见于建筑工程项目中
- **桥梁、建筑、石油化工等建设领域**
- **流沙、喀斯特地貌、超高回填等各种复杂地层的桩基施工**
- **咬合桩施工、地铁钢立柱及拔桩清障施工**

该技术通过钢管护壁, 实现了无泥浆污染的高质量桩基施工, 特别适合在环保要求严格的城区和复杂地质条件下应用。

- **Low headroom (construction field)** refers to construction or operations carried out within a limited height space, commonly seen in construction projects.
- **Bridge, building, petrochemical, and other construction fields**
- **Pile foundation construction in various complex strata such as quicksand, karst topography, and ultra-high backfill**
- **Interlocking pile construction, subway steel column construction and pile extraction/obstacle removal construction**

This technology, through steel casing protection, enables high-quality pile foundation construction without mud pollution, making it particularly suitable for application in urban areas with strict environmental protection requirements and complex geological conditions.

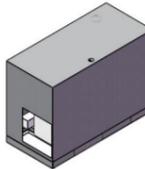
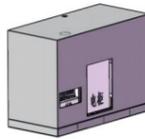
施工特点 construction characteristics

- 空间限制:** 施工空间狭小, 设备和材料难以进入作业面, 对施工进度和效率造成影响
- 安全要求高:** 周边环境复杂, 地下管线、地下水位等需要精确控制, 确保施工安全
- 工艺特殊:** 需要采用分段施工或跳挖施工方式, 确保施工安全和进度

- **Space constraints** The confined construction space makes it difficult for equipment and materials to access the work surface, impacting construction progress and efficiency.
- **High safety requirements** The complex surrounding environment, including underground pipelines and groundwater levels, requires precise control to ensure construction safety.
- **Special manufacturing process** Segmented or skip-excavation methods are necessary to ensure both construction safety and progress.

全回转钻机 Casing Rotator		BY250H
钻孔直径 Drilling diameter	mm	Ø2000~Ø2500
回转扭矩 Rotary torque	kN·m	9080/5368/3034瞬间10590
回转速度 Rotating speed	rpm	0.7/1.2/2.0
套管下压力 Lower pressure of sleeve	kN	最大1100KN(可调)+自重500KN
套管起拔力 Pulling force of sleeve	kN	7237瞬间8370
压拔行程 Pressure pulling stroke	mm	900
主机重量 Weight	ton	35

液动力站 Hydraulic power station:	
发动机型号 Engine model	WP4.1D80E200
发动机功率 Engine power	80KW
发动机燃油消耗率 Engine fuel consumption rate	≤235g/kW·h±3%
发动机最大扭矩 Engine maximum torque	440
液压系统压力 Hydraulic system pressure	32MPa
重量 Weight	1.8t
控制方式 Control mode	标配无线遥控



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搓管机 Tube rolling machine

产品特点 / Product characteristics

搓管机是全套管钻机的一种, 该设备通过夹持机构带动套管正反向来回扭动, 以减小沉拔套管的阻力, 并由油缸实现套管沉拔作业的套管驱动装置。

The casing oscillator is a type of full-casing drilling rig. This equipment uses a clamping mechanism to rotate the casing back and forth in both clockwise and counterclockwise directions, reducing the resistance during casing sinking and extraction. The driving of the casing for sinking and extraction operations is achieved through hydraulic cylinders.

设备应用 Application of the Equipment

1、搓管机是主要应用于软土层、砂砾层、含砾土层等不稳定地层(土层)施工的一种专用设备。该设备最大可以夹持直径3300mm的大直径套管, 使之以正、反时针方向转动或沿桩孔轴向上、下移动, 配合抓斗或螺旋钻具的应用, 实现跟管钻进。广泛应用在城市地铁地基、深基坑围护咬合桩、城市改造和清拔桩清障, 铁路、港口、道桥、江河、湖泊、高层建筑、水电水利施工钻孔灌注桩等特殊用途施工工程。

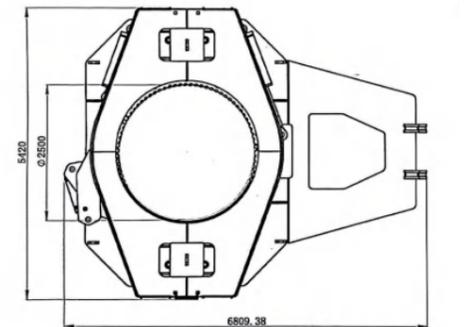
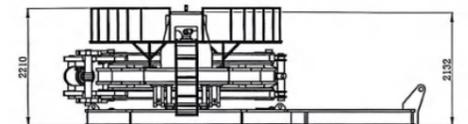
2、适合卵石、淤泥、流沙、粉细砂、破碎和溶洞发育、回填土、沼泽、湖泊、江河等泥浆无法正常护壁的复杂地层。

1. The casing oscillator is specialized equipment primarily used in construction on unstable strata, such as soft soil layers, gravel layers, and gravelly soil layers. This equipment can hold large-diameter casings up to 3300 mm in diameter, rotating them clockwise or counterclockwise or moving them up and down along the pile axis. Used in combination with grab buckets or augers, it enables casing-following drilling. It is widely applied in urban metro foundations, deep excavation retaining walls, interlocking piles for urban redevelopment, pile obstruction removal, and specialized projects such as railway, port, bridge, river, lake, high-rise building, and hydropower construction.

2. It is suitable for complex formations where slurry cannot effectively stabilize the walls, such as cobbles, silt, quicksand, fine sand, fractured rock and karst formations, backfilled soil, swamps, lakes, and rivers.



型号 Model	单位Unit	BY200
最大口径 Max. casing dia	mm	Ø2000
搓管扭矩 Torque	kN·m	4110
搓管角度 Rotation angle	°	21
套管起拔力 Lifting force	kN	2650
压拔行程 Pulling stroke	mm	600
夹持力 Clamping force	kN	2150
整机重量 Weight	ton	27
外形尺寸长×宽×高 Overall dimension L×W×H	mm	6809*5420*2210



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静压植桩机 Static Pressure Pile Driver

产品特点 / Product characteristics

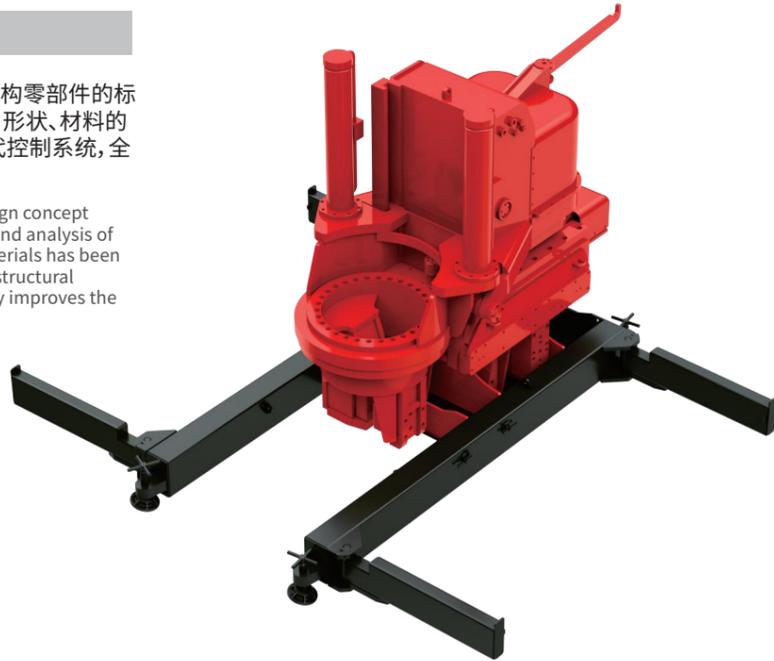
新一代机型BY-ZZ600S,采用全新的模块化设计理念(结构零部件的标准化),通过对每个零部件的评估分析,彻底实现了结构、形状、材料的合理化。在提高主结构部件通用性的同时,搭载的新一代控制系统,全面提高了各部件的使用性能与寿命。

The new generation BY-ZZ600S adopts a brand-new modular design concept (standardization of structural components). Through evaluation and analysis of each component, the rationalization of structure, shape, and materials has been thoroughly achieved. While improving the versatility of the main structural components, the new generation control system comprehensively improves the performance and lifespan of each component.

工作原理/Working principle

BY-ZZ600S静压植桩机使用反作用力压入的原理,将U型钢板桩压入地面以下。

The BY-ZZ600S static pressure pile driver utilizes the principle of counteracting force to press U-shaped steel sheet piles into the ground.



产品参数 / Product Parameters

静压植桩机主体 Static Pressure Pile Driver BY-ZZ600S	
适用桩材 Suitable pile material	U型钢板桩(宽400mm) II、III、IV型 U-shaped steel sheet piles (400mm wide), Type II, Type III, and Type IV
压入力 pressing force	900KN
拔出力 extraction force	1100KN
行程 itinerary	750mm
压入速度 pressing speed	2.6~35.7m/min
起拔速度 lifting speed	2.0~26.9m/min
操作方法 Operation Method	无线电操作盘/有线操作盘
质量(单独压入规格) Quality (individual pressing specifications)	6945KG
质量(水刀并用压入规格) Quality (with water jet and press-in specifications)	7345KG

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动力单元 power unit	
动力源 power source	柴油引擎 diesel engine
高功率模式 High Power Mode	195 KW(265 ps)/1750 min-i
环保模式 Eco Mode	173 KW(265 ps)/1650 min-i
超环保模式 Eco-friendly Mode	152 KW(265 ps)/1450 min-i
柴油箱容积 Diesel tank capacity	590L
液压油箱容积 Hydraulic oil tank capacity	500L
质量 quality	6490KG(标准20m液压管) (Standard 20m hydraulic hose)

反力基座 reaction base	
质量 quality	1580KG
水刀卷筒 Water jet scroll	
适用桩长 Applicable pile length	标准17m(最大27m) Standard 17m (maximum 27m)
质量 quality	500KG
配件部分,根据需要购置 For accessories, purchase as needed	

工法H型钢拔桩机 H-beam Pile Extractor

产品特点 / Product characteristics

1. 创新设计,专利产品,快速移动;
2. 700吨拉力,强力起拔,可拔32米型钢;
3. 双节油缸,大缸起拔,小缸加速;
4. 遥控操作360°全方位观察,操作自如;
5. 吊板可换,适合300mm-800mm不同宽度的型钢;
6. 电力泵站,环保设计,操作简单;
7. 油缸可左右移动,轻松解决,距离密集的桩。

1. Innovative design, patented product, fast movement;
2. 700 tons of pulling force, strong pulling, can pull 32 meters of steel;
3. Double-section cylinder, large cylinder for pulling, small cylinder for acceleration;
4. Remote control operation 360° all-round observation, easy to operate;
5. The hanging plate can be replaced, suitable for steel of different widths of 300mm-800mm;
6. Power pump station, environmentally friendly design, simple operation;
7. The cylinder can be moved left and right, easily solving the problem of dense piles.



BYPM380LS



工作原理/Working principle

工法型钢拔桩机利用其夹桩器夹住桩头,液压缸强制顶压夹桩器,使之向上顶升一段距离,将桩逐段拔出,适用在粘土、砂土或含少量砾石的土层中拔工字钢或型钢桩。

H-Beam Pile Extractor grip the pile head with its clip and hydraulic cylinder compulsory jacked pile clamping apparatus, make it rise up certain distance, then pull out pile hop by hop. It is used in clay, sand or containing a small amount of gravel soil to pull out the i-beam pile or h beam steel piles.

产品参数 / Product Parameters

型号 Model	BY-PM320LS(立式)	BY-PM360LS(立式)	BY-PM380LS(立式)
额定工作压力 Nominal Working Pressure	32MPa	32MPa	32MPa
额定拔桩力 Rated Pile Drawing Force	500T	600T	700T
最大流量 Max.Flow	160L/min	160L/min	160L/min
最大加紧力 Max.Clamping Force	260T	260T	260T
适合H型钢规格 H-beam Specification	700mm*300mm 600mm*300mm 500mm*300mm 800mm*300mm	700mm*300mm 600mm*300mm 500mm*300mm 800mm*300mm	700mm*300mm 500mm*300mm

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拉森桩静压拔桩机

Larsen Pile Static Pressure Pile Extractor

产品特点 / Product characteristics

施工环保、低噪音、无振动

这是静压法相比锤击法最显著的社会效益优势，尤其适合城市、居民区、医院、学校等敏感区域。

This is the most significant social benefit advantage of the static pressure method compared to the hammer method, and it is especially suitable for sensitive areas such as cities, residential areas, hospitals, and schools.

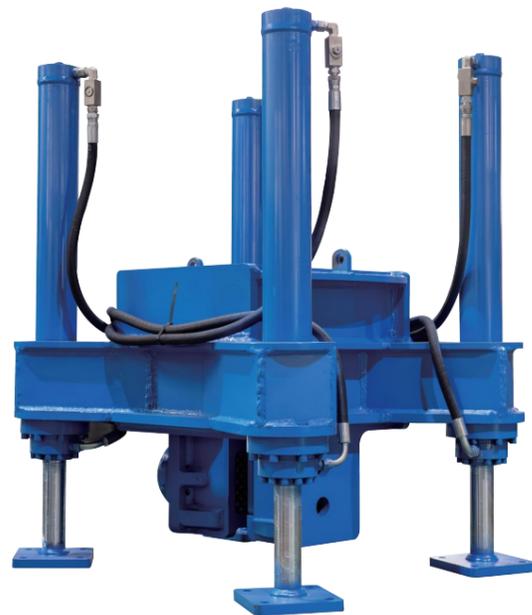
产品特点 / Product characteristics

- ✔ **无噪音污染:** 没有锤击巨大的撞击声。
- ✔ **无振动危害:** 对周边建筑物、地下管线、精密仪器设施的保护性极好，避免了因施工振动引起的纠纷和赔偿。
- ✔ **无油烟污染:** 纯液压驱动，不像柴油锤那样产生黑烟和废气。
- ✔ **施工精度高，桩体损伤小**
- ✔ **垂直度控制好:** 设备通过液压站远程控制控制多油缸压力，能实时调平，确保钢板桩垂直、精确地压入设计标高。

产品参数 / Product Parameters

型号 Model	单位 Unit	
起拔油缸数量 Number of lifting and extraction cylinders	个	4
油缸最大行程 Maximum cylinder stroke	mm	900
最大起拔力 Maximum lifting force	t	130
最大夹桩力 Maximum pile clamping force	t	100
适合规格 Applicable specifications	mm	300/400/600
重量(不含液压站) Weight (excluding hydraulic station)	kg	1780
使用油压 Oil pressure	MPa	25-32

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- ✔ **No noise pollution:** No loud hammering noise.
- ✔ **No vibration hazards:** Excellent protection for surrounding buildings, underground pipelines, and precision equipment, avoiding disputes and compensation caused by construction vibration.
- ✔ **No oil fume pollution:** Purely hydraulically driven, it produces no black smoke or exhaust like diesel hammers.
- ✔ **High construction precision, minimal damage to the pile.**
- ✔ **Excellent verticality control:** The equipment remotely controls the pressure of multiple cylinders through a hydraulic station, enabling real-time leveling to ensure the steel sheet piles are pressed vertically and precisely into the designed elevation.

液压站(小) Hydraulic station (small)

电机功率 Motor power	22KW
极数 Number of Poles	4 极
电机转速 Motor Speed	1450 rpm
电机电压 Motor Voltage 三相 Three Phase	380 V
泵浦额定排量 Pump Rated Capacity	10-108 L/min
系统正常使用压力 System Normal Working Pressure	25 Mpa
系统最高使用压力 System Max Working Pressure	30 Mpa
油箱容量 Tank Capacity	700 L
电磁阀控制电压 Solenoid Valve Control Voltage	AC 220 V
重量(不含油跟管路) Weight (excluding oil and piping)	800KG

H型钢拔桩机 H-BEAM PILE EXTRACTOR

产品特点 / Product characteristics

1. 高效拔桩，省时省力
双作用夹具油缸，免插孔起拔，最长可拔 30 米型钢。
2. 灵活适配，场景覆盖广
一体式 / 可拆卸结构：整体起吊操作简单。
通用性强：夹具可调节，适配 300*300 300*400 400*400 型钢mm 型钢（支持定制），无需频繁更换设备。
3. 操作便捷，安全可靠
无线遥控 + 低人力：仅需 2 名操作人员，遥控控制夹桩、对位、拔桩，远离作业区更安全。
不伤桩体：液压夹持 + 平稳顶升，桩材可二次利用，降低施工成本。

1. Highly Efficient Pile Extraction, Saving Time and Labor: Double-acting hydraulic clamps eliminate the need for insertion holes, allowing extraction of steel sections up to 30 meters long.
2. Flexible Adaptability, Wide Scenarios Covered: Integrated/detachable structure: Simple overall lifting operation.

High Versatility: Adjustable clamps accommodate 300*300, 300*400, and 400*400 mm steel sections (customization supported), eliminating the need for frequent equipment changes.

3. Convenient Operation, Safe and Reliable: Wireless remote control + Low Labor Costs: Only 2 operators are required to remotely control pile clamping, alignment, and extraction, ensuring safety by keeping them away from the work area.

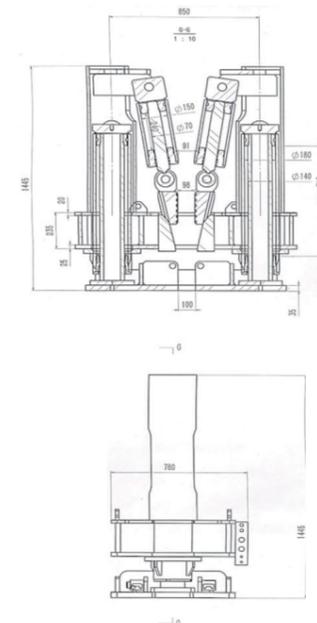
No Damage to Pile Body: Hydraulic clamping + smooth lifting allows for pile reuse, reducing construction costs.



产品参数 / Product Parameters

型号/Model number	单位Unit	BY-PM400DS
额定工作压力/Rated working pressure	Mpa	25-28
额定拔桩力/Rated pulling force	T	200
最大流量/Maximum discharge	L/min	160
最大加紧力/Maximum tightening force	T	112
顶升油缸行程/Jacking cylinder stroke	mm	713
重量(不含液压站)/Weight (without hydraulic station)	kg	1560
适合H型钢规格/Suitable for H-shaped steel specifications	mm	500*300 500*400 400*400

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切桩机 Pile Cutter

产品特点 / Product characteristics

带刀片可连带钢筋直接截断,超强切割力,适用于桥梁等高拆高空截断或深水区域海上退役支护桩截除。

The blade can be used to directly cut off steel bars and has super cutting force. It is suitable for high-altitude cutting of bridges and other high-rise demolition or cutting of decommissioned offshore supporting piles in deep water areas.

适用范围 / Scope of application

- | | |
|--|--|
|  桥梁与铁路基础 | Bridges & rail foundations |
|  码头、栈桥与海洋工程 | Wharves, docks, and marine construction |
|  工业与农业建筑基础 | Industrial and agricultural building foundations |
|  栈桥与平台桩结构 | Trestles and platform pile structures |



BYQ600S



BYQ700S



BYBP900WS

产品参数 / Product Parameters

型号 Model	单位 Unit	BYQ-600S	BYQ700S	BYBP900WS
净重 Weight	KG	3365	4125	5400
外形尺寸(长*宽*高) Dimensions(L*w*h)	mm	2628*1300*770	3230*1540*550	3850*2400*770
最大截桩范围 Maximum Pile Cutting Range	mm	600*600支持定制	700*700支持定制	900*900支持定制
钢筋切割刃长 Rebar Cutting Edge Length	mm	600	700	1000
压碎力 Crushing Force	KN	600	390	800
使用压力 Use Pressure	Mpa	28-32	28-32	28-32
吊机带配液压系统 Crane With Hydraulic System	KW	22	22	45

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方形破桩机

Hydraulic Square Pile Breaker



产品特点 / Product characteristics

液压破桩机截除:如灌注桩,预制桩等;截桩机在高铁桥梁,工民建筑桩基工程中得到广泛应用,一般圆形截桩机适用于桩径在600mm-2500mm;方形截桩机适用于桩边长350-650mm,可以满足各类大型基础施工的要求。

Hydraulic Pile Breaker can break such like cast-in-place piles, precast piles etc. It can be divided into round and square by the pile shape. Our hydraulic pile breaker is widely used in high-speed railway bridges and civil building pile foundation engineering. Normally hydraulic round pile breaker can break pile diameter from 600-2500mm and hydraulic square pile breaker is suitable for square pile from 350-650mm. Our machine can meet the requirements of all kinds of large-scale infrastructure construction.

性能参数 / Performance Parameter

单根油缸最大顶力 Max. cylinder Required	20L/min	液压油缸最大行程 Max. Cylinder Trip	300mm	钎杆最大加压力 Max. Thrust	300KN	
单次破桩高度 Max. hoist Capacity	≤300mm	液压油缸最大压力 Max. Cylinder Pressure	30MPa	配套工程机械吨位 Suitable Excavator	BYP350S: ≥15t BYP500S: ≥20t	
适用破桩直径 Cut Pile Dia	BY-PB350S	250mm-300mm	BY-PB500S	400mm-550mm	BY-PB600S	550mm-650mm
整机重量 Total Weight	0.7T		1.24T		1.4T	

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圆形破桩机 Hydraulic Pile Breaker

产品特点 / Product characteristics

1. 环保破桩，静音静压只破桩头，不伤桩身。
2. 模块化设计，组合拆卸方便。
3. 模块规格统一，大小一致，小桩用较少的模块数破，大桩用增加的模块数破，桩径可达2500mm。
4. 高强度钻杆，设计独特，寿命长，更换方便。
5. 可破各种类型的梁桩、基础桩、路桥桩、高铁桩等破桩范围

1. Environmentally friendly pile breaking, silent and static pressure only breaks the pile head without damaging the pile body.
2. Modular design, easy to combine and disassemble.
3. The module specifications are unified and the size is consistent. Small piles are broken with fewer modules, and large piles are broken with an increased number of modules. The pile diameter can reach 2500mm.
4. High-strength drill rod, unique design, long life, easy replacement.
5. It can break various types of beam piles, foundation piles, road and bridge piles, high-speed rail piles and other pile breaking ranges.



性能参数/Performance Parameter

模块数量 Module Number	PC	4	8	9	10	11	12	13	14	15	16	17	18
最大空间 Maximum space		600	880	1050	1220	1380	1550	1710	1880	2040	2200	2370	2550
组合总重量 Combination Total Weight	KG	1340	2680	3015	3350	3685	4020	4355	4690	5025	5360	5695	6030
破桩直径范围 Pile Diameter Range	mm	400-600	600-800	800-1000	1000-1150	1150-1300	1300-1500	1500-1650	1650-1800	1800-1970	1970-2150	2150-2300	2300-2500
适用挖机吨位 Hydraulic Excavator	T	20T-30T			30T-40T			液压系统/泵站 Hydraulic System/pump Station					
钎杆最大加压力 Max. Thrust		300KN		单根油缸最大顶力 Max. Cylinder Required		20L/min		配套工程机械吨位 Machinery Tonnage		20t		定位销 Location pin Φ40	
液压油缸最大行程 Max. Cylinder Trip		300mm		钎杆直径 Chisel Diameter		110mm		单一模块重量 Single Module Weight		330KG			
液压油缸最大压力 Max. Cylinder Pressure		30MPa		单次破桩高度 Single Broken Pile Height		≤500mm		单一模块尺寸 Single Module Size		955*860*355			

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适用范围 / Scope of application

- * 粉碎混凝土、砖块等建筑材料，拆解桥梁、房屋等大型建筑
- * It is used for crushing construction materials such as concrete and bricks, and can also dismantle large buildings such as bridges and houses.



无线遥控操作/wireless remote control

无线遥控液压站

无线遥控即远距离控制，遥控与液压站之间没有连接的导线通过无线电波输出并控制液压站的运转，方便快捷。操作人员活动范围大：可以近距离观测目标，也可以远离危险场所。可与拔桩机、破桩机配套使用。

Wireless remote control hydraulic station

Wireless remote control means long-distance control, and there is no wire connecting the remote control and the hydraulic station

The operation of the hydraulic station is controlled by radio wave output, which is convenient and fast. The operator has a large range of activities: the target can be observed at close range, or away from dangerous places.



液压站(可选)

遥控器

多边障碍定制连接件破桩机

Multi-obstacle Custom-made Connector Pile Breaker

产品特点 / Product characteristics

破桩机通过动力源给破桩机多个油缸提供压力，油缸直接驱动钎杆，同时挤压桩身，使桩头截除。破桩机施工过程中，操作简单，高效率，低噪音，低成本，适用于桩群施工工程中。破桩机采用高度模块化组合，通过销轴联接模块，可以通过加长连杆组合模式，解决桩距不够的问题，截除一定范围内直径桩头。

The pile breaker uses a power source to supply pressure to multiple hydraulic cylinders, which directly drive the chisel rods, simultaneously compressing the pile body and cutting off the pile head. During operation, the pile breaker is simple to operate, highly efficient, low-noise, and low-cost, making it suitable for pile group construction projects.

The pile breaker employs a highly modular design. Modules are connected by pin shafts, and extended connecting rod configurations can be used to address insufficient pile spacing, allowing for the removal of pile heads within a certain diameter range.



性能参数/Performance Parameter

模块数量 Module Number	组合总重量 Combination Total Weight	破桩直径范围 Pile Diameter Range	适用挖机吨位 Hydraulic Excavator	钎杆最大加压力 Max.Thrust	液压油缸最大行程 Max.Cylinder Trip	液压油缸最大压力 Max.Cylinder Pressur
PC	KG	mm	T	KN	mm	Mpa
6+2	2210	800-1300	20-30	300	300	30

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北奕破桩机产品特点 Product feature of BEIYI hydraulic pile breaker

- 1.两款设备均可破标号为C50-C60水泥标号的桩头；
- 2.圆形破桩机采用模块化设计，通过不同数量模块组合，实现破不同直径的桩头；
- 3.破桩机可与多种工程机械连接，真正实现产品的通用性和经济性；
- 4.操作简单，不需要专业技能，作业相当安全；
- 5.高寿命的设计，为客户带来较好的收益。

1. Both devices can break pile heads with cement grades of C50-C60;
2. The circular pile breaker adopts a modular design, and can break pile heads of different diameters by combining different numbers of modules;
3. The pile breaker can be connected with a variety of engineering machinery to truly achieve the versatility and economy of the product;
4. The operation is simple, no professional skills are required, and



4+4破桩机

性能参数/Performance Parameter

BY-PB400S			
模块数量 Module Number	组合总重量 Combination Total Weight	破桩直径范围 Pile Diameter Range	适用挖机吨位 Suitable Excavator
4+4	1600kg	400mm-600mm	≥20T

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人工破桩一天只破2-3根，

It can just break 2-3 pieces piles by manul working.

北奕破桩机，破1根方桩只需要4分钟，破1根圆桩只需要10分钟。

Square hydraulic pile breaker break 1 pile just need 4 minutes and only 10 minutes for our round hydraulic pile breaker!

连墙破桩机 Even Wall Hydraulic Pile Breaker

连墙破桩机解决破除连续密集桩群难题，并且可以专属定制破桩，破桩速度快人工十几倍。连墙破桩机应用广泛：适用于高铁桥梁、工农建筑等桩基工程圆形方形桩头的截除。

The wall pile breaker solves the problem of breaking continuous dense pile groups, and can be customized for breaking piles, and the pile breaking speed is more than ten times faster than manual work. The wall pile breaker is widely used: it is suitable for cutting round square pile heads in pile foundation projects such as high-speed railway bridges, industrial and agricultural buildings, etc.



性能参数/Performance Parameter

型号 Model	组合总重量 Combination Total Weight	破桩直径范围 Pile Diameter Range	适用挖机吨位 Hydraulic Excavator	钎杆最大加压力 Max.Thrust	液压油缸最大行程 Max.Cylinder Trip	液压油缸最大压力 Max.Cylinder Pressure
BY-PB500LQ	1.6T	300-800mm	≥20t	320KN	300mm	32Mpa
BY-PB600LQ	2.4T	300-800mm	≥20t	320KN	300mm	32Mpa
BY-PB1200LQ	10T	600-1200mm	液压站+吊机 Hydraulic Station +Crane	320KN	300mm	32Mpa

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四爪破桩机 Four Claws Pile Breaker

产品特点/Product characteristics

四爪破桩机可定制规格，处理正方形和圆形的桩可互换的四爪，4个切割牙破碎爪在每个切割点上施加相同的力，提高切割精度轻质设计，使用高强度材料，减轻重量是可以在密闭空间和桩紧密组合的地方工作。

Four-claw pile breaker can be customized to handle square and round piles. Interchangeable four-claw, 4 cutting teeth. The crushing claw exerts the same force on each cutting point to improve cutting accuracy. Lightweight design, using high strength Material, weight reduction is possible to work in confined spaces and where the piles are tightly combined.



BYC500S



BYR1100S

性能参数/Performance Parameter

型号 Model	BYC500S (方形Square)	BYR1100S (圆形Round)
破碎齿最大加压力 Maximum Pressure Of Crushing Teeth	320KN	320KN
单根油缸最大流量 Maximum Flow Of Single Cylinder	20L/Min	20L/Min
破碎齿宽度 Width Of Crushing Teeth	150mm	150mm
液压油缸行程 Stroke Of Hydraulic Cylinder	180mm	180mm
单次截桩高度 Height Of Single Pile Cutting	300mm	300mm
配套工程机械吨位 Tonnage Of Supporting Construction Machinery	≥20T	≥30T
液压油缸最大压力 Maximum Pressure Of Hydraulic Cylinder	32MPa	32MPa
破桩范围 Scope Of Crushing Pile	300-550mm	800-1100mm
整机重量 Weight Of The Whole Machine	2500KG	3500KG

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螺旋钻机/引孔机 Auger Drill/Hole Pilot

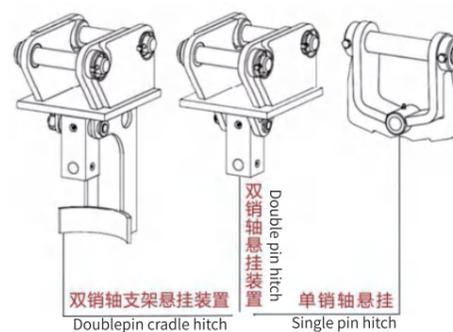
产品介绍 / Product introduction

螺旋钻机, 主要由驱动头和钻头组件构成, 驱动头与钻头组件固定连接, 钻头组件包括钻杆、包绕着钻杆的螺旋叶片、以及设置在钻杆末端的钻头, 所述的螺旋叶片的底端设置有钻齿。结构简单、穿凿能力更强、生产运用成本低、灵活性高。

Auger Drill is mainly composed with power head and auger. The powerhead and auger are fixed together. Auger is composed of screw blade and bit on the end of the auger, there is also teeth on the end of the auger. Simple construction, stronger drill ability, low production cost, high flexibility.

应用范围 / Field of application

- 栅栏 Fence
- 园林绿化 Lands Caping
- 植树 Tree Planting
- 钻井 Well Drilling
- 桩基工程 Screw Pile Installation
- 螺旋桩安装 Screw Pile Installation
- 地热泵源 Geothermy Pumping Source
- 杆和桅杆安装 Stem And Mast Installation
- 路牌 Guide Board
- 声障屏风板 Sound Barrier Screen Plate
- 探测与研究 Detection And Research



套管伸缩轴/Extension Shaft
S4: 65mm 圆形驱动(circular drive), 长度(length): 0.5m 0.8m 1m
S5: 75mm 方形驱动(square drive), 长度(length): 1m 1.5m 2m
S6: 75mm 方形驱动(square drive), 长度(length): 1.5m 2m 3m

普通钻杆(包括钻齿和钻头)
Ordinary drill pipe(Including drill teeth and drill bit)
耐磨钻杆(包括硬质合金齿和硬质合金钻头)
Wear-resisting drill pipe (including carbide teeth and carbide drill)
软岩钻杆(包括岩石齿和岩石钻头)
Soft rock drill pipe(including rock teeth and rock drill)

直径/Diameter :
S4 : 100mm,150mm,200mm,225mm,250mm,300mm,350mm, 400mm,450mm,500mm,600mm,750mm,900mm
S5 : 150mm,200mm,225mm,250mm,300mm,350mm,400mm, 450mm,500mm,600mm,750mm,800mm,900mm
S6 : 150mm,200mm,225mm,250mm,300mm,350mm,400mm, 450mm,500mm,600mm,750mm,800mm,900m,1M,1.2M,

性能参数/Performance Parameter

型号Model	单位Unit	BY-AD4000	BY-AD10000	BY-AD20000	BY-AD25000	BY-AD35000	BY-AD65000	BY-AD85000	BY-AD165000	BY-AD230000
适配机型 Application	T	2-6T	6-15T	15-20T	20-25T	25-30T	25-40T	40-55T	40-60T	50-70T
扭矩 Torque	Nm	1094-4117	2570-9961	5307-20998	8314-25768	15669-35393	27198-65550	45000-87500	82350-165300	95000-231200
压力 Pressure	Bar	80-240	80-240	80-260	80-260	120-240	160-330	160-330	220-360	280-360
流量 Flow	Lpm	25-92	40-150	80-170	80-170	100-170	100-250	110-400	120-425	120-472
转速 Rotate speed	Rpm	30-68	20-48	15-48	12-26	12-21	10-22	9-18	9-18	5-11
输出轴 Output shaft	mm	65Rnd	75Sq	75Sq	75Sq	110Sq	110Sq	110Sq	130Sq	130Sq
主机重量 Weight	kg	100	215	240	406	420	610	1120	1420	1700
最大成孔直径(粘土) Max Auger Diameter (Clay/Shale)	mm	300	800	1100	1200	1300	1500	1500	1600	1800
最大成孔直径(泥土) Max Auger Diameter (Earth)	mm	500	1000	1500	1600	1600	2000	2000	2000	2100
沉孔深度标准臂 Countersunk hole depth standard arm	m	3	5	6	7	7	8	8	8	8

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振动打桩机 Vibratory Pile Driver

工作原理/Working principle

液压打桩机是利用其高频振动，以高加速度振动桩身，将机械产生的垂直振动传给桩体，导致桩周围的土体结构因振动发生变化，强度降低。桩身周围土体液化，减少桩侧与土体的摩擦阻力，然后以挖机下压力、振动沉拔锤与桩身自重将桩沉入土中。

The hydraulic pile driver uses its high-frequency vibration to vibrate the pile body at high acceleration, transmitting the vertical vibration generated by the machine to the pile body, causing the soil structure around the pile to change due to vibration and reduce its strength. The soil around the pile body liquefies, reducing the friction resistance between the pile side and the soil, and then the pile is sunk into the soil by the downward pressure of the excavator, the vibrating sinking hammer and the dead weight of the pile body.

性能参数/Performance Parameter

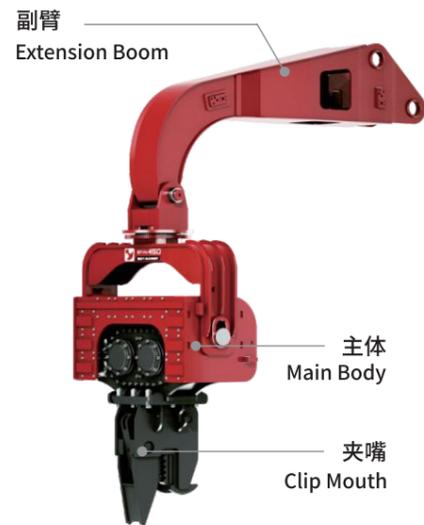
型号 Model	单位 Unit	BY-VH150	BY-VH250M	BY-VH250	BY-VH330	BY-VH350	BY-VH450
偏心力矩 Eccentric Moment	Nm	22	40	40	50	65	85
振频 Frequency	Rpm	2500	2800	2800	2800	2800	2800
激振力 Excitation Force	Ton	15.1	32	38	45	58	75
重量 Weight	Kg	1500	2300	2800	3000	3300	3300
液压系统操作压力 Operating Pressure of Oil System	Bar	220-320	280-330	280-330	280-330	280-330	280-330
液压系统流量需求 Flow Demand for Hydraulic Oil System	Lpm	110-160	150-240	150-240	168-250	210-260	255-280
适合挖掘机重量 Suitable Excavator	Ton	13-18	18-23	22-30	24-30	31-35	36-50
整机尺寸(长*宽*高) Overall Size (length*Width*Height)	mm	1680*1178* 2580	2310*1335* 3000	2420*1371* 3626	2537*1371* 3898	2846*1580* 4016	2846*1580* 4016
标准臂可打高度 Piling Height of Standard Arm	M	5	6	6	6-7	7-8	8-9
最长可打桩长度 Max Pile Length	M	—	9	9	13	16	18

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打桩类型/Piling Range



■ 圆筒桩/Round pile ■ 方形桩/Square pile ■ 护筒桩/Bucket pile
Our products are always being improved and are subject to change without notice due to technical reasons.



整机+打桩臂+打桩机配套
Complete machine + pile arm + Piledriver kit

专业订制配套打桩机打桩臂

Professional manufacturer for hydraulic pile driver matching long arm.



注：改加长臂需根据挖掘机吨位及改装长度加配配重
Note: To add long arm, you need to add counterweight according to the tonnage of the excavator and the modification length.

型号 Models	30吨位机 30T	35吨位机 35T	40吨位机 40T	45吨位机 45T
打桩臂总长 Total Length (mm)	14000	15000	16000	18000
产品重量 Weight (kg)	4000	4500	5000	5500
打桩高度 Height (mm)	12000	13000	14000	16000
运输全高 Total Height of Loading (mm)	3210	3210	3420	3420

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侧夹式打桩机 Side Clamp Pile Driver

产品特点/Product characteristics

1.操控灵活,操作简单,全液压控制,360度全旋转,左右倾斜45度,夹桩方便,可在敏感区域作业2.无需改造挖掘机,即装即用3.不受桩长限制,可在受限高度空间施工全、稳定高效,运输更方便、更经济4.适用于钢板桩、钢材、管桩、水泥桩、木桩等多种桩型,一机多用。

1. Flexible control, simple operation, full hydraulic control, 360-degree full rotation, 45-degree left and right tilt, convenient pile clamping, can operate in sensitive areas 2. No need to modify the excavator, ready to use 3. Not limited by pile length, can be constructed in limited height space Full, stable and efficient, more convenient and economical to transport 4. Suitable for various pile types such as steel sheet piles, steel, pipe piles, cement piles, wooden piles, etc., one machine for multiple uses.



应用范围/Application

目前广泛应用于地铁站、隧道、建桥围堰、驳岸、市政工程、土建工程的深基坑、沟槽、管道、房地产地下室等挡土、挡水的开挖围护工程。

At present, it is widely used in subway stations, tunnels, bridge cofferdams, revetments, municipal engineering, deep foundation pits, trenches, pipelines, real estate basements and other retaining and water retaining excavation and enclosure projects.

性能参数/Performance Parameter

型号 Model	单位Unit	BYSG250	BY-SG330
振动频率 Vibration Frequency	rpm	2800	2800
偏心力矩 Eccentricity Moment Torque	nm	40	50
激振力 Exciting Force	T	36	45
机器主重 Mian Machine Weight	KG	2600	3100
液压系统工作压力 Operating PressureOf Hydraulic System	bar	280	320
液压系统流量需求 Flow Demand Of Hydraulic System	lpm	220	250
适用挖掘机 Suitable Excavator	T	18-25	35-45

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型号MODEL	最大打桩长度(以三一挖机锤为例) MAX PILE LENGTH (USE SANY EXCAVATOR AS EXAMPLE)	6M	7M	8M	9M	12M	15M
BYSG250	标准打桩长度 STANDARD MAX PILE LENGTH	[Bar chart showing reach up to 8M]					
	加长臂打桩 WITH PROLONGEDED EXCAVATOR BOOM	[Bar chart showing reach up to 12M]					
BYSG330	标准打桩长度 STANDARD MAX PILE LENGTH	[Bar chart showing reach up to 9M]					
	加长臂打桩 WITH PROLONGEDED EXCAVATOR BOOM	[Bar chart showing reach up to 15M]					

光伏工程专用夹桩器 Pile Glamp

产品特点/Product characteristics

*高精度齿轮;保压阀油缸设计;涡轮蜗杆回转支撑;马达过载保护;液压双管路设计。

*high-precision gears; pressure-maintaining valve cylinder design; worm gear slewing support; motor overload protection; hydraulic dual pipeline design.

应用范围/Application

*适用光伏工程,夹预制桩夹桩器,可以用于抓取光伏预制桩,通过旋转调整等功能,能够实现快速放桩,提升作业效率。

*Applicable to photovoltaic projects, the prefabricated pile clamp can be used to grab photovoltaic prefabricated piles. Through functions such as rotation and adjustment, it can achieve rapid pile placement and improve work efficiency.



性能参数/Performance Parameter

型号 Model	单位Unit	BYKMD-15	BYKMD-20
最大涨幅 Maximum width	mm	600	730
最小涨幅 Minimum width	mm	340	500
夹头宽度 Chuck width	mm	1500	1800
最大夹取直径 Maximum clamping diameter	mm	480	700
最小夹取直径 Minimum take-up diameter	mm	200	220
旋转流量 Rotation flow	L/min	30-40	30-40
旋转压力 Rotation pressure	MPa	12	12
张合压力 Closing pressure	MPa	16-22	16-22
张合流量 Opening and closing flow	L/min	80-100	80-120
重量 weight	kg	750	1080
适用挖掘机 Applicable excavator	T	10-18	20-35

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DOUBLE CYLINDER
SHEARS
液压双缸剪

HYDRAULIC
SHEAR
鹰嘴剪

CAR SCRAP
SHEAR
拆车剪

MECHANICAL
SHEARS
机械鹰嘴剪

EXCAVATOR
MAGNET LIFT
磁吸盘

MAGNETIC
GRAPPLE
磁吸抓斗

环保回收设备 ENVIRONMENTAL RECYCLING EQUIPMENT

路轨剪/钢轨剪 Rail Shear/Rail Shears

钢轨终结者
ROAD TRACK SHEAR
为铁路钢轨定制而生



产品介绍 / Product introduction

北奕机械不断对工程机械属具中的破拆回收设备进行研发和改良。路轨剪/钢轨剪为铁路轨道及钢轨拆除回收设计。刀片8面可用，可轻易拆换，优化生产率，为客户获得更多利润。

Beiyi Machinery continues to research and develop the demolition and recycling equipment of construction machinery fittings. Rail Shears are designed for rail track and rail removal and recovery. Blade 8 sides available, can be easily replaced, optimize productivity, for customers to obtain more profits.



性能参数/Performance Parameter

型号 Model	总重量 Weight Kg	最大开口 Maximum Opening mm	使用油压 Use Oil Pressure Mpa	适配挖机吨位 Hydraulic Excavator T	长*宽*高 Dimensions mm
BY-DS250RT	2000	206	32	20-30	2650*700*1000

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鹰嘴剪/钢筋剪/钢结构剪/废铁剪 Hydraulic Shears/Steel Shears/Steel Shears/Scrap Iron Shears

产品介绍 / Product introduction

液压鹰嘴剪引进意大利生产工艺，整机质量更轻，操作灵活轻便，外观线条流畅，机身比例更合理化。北奕生产的液压鹰嘴剪适用在不同工况环境中，包括钢结构的破拆，废料钢的处理，汽车拆剪，飞机拆解，轮船拆解等应用中。能切割铁制材料，H钢材，罐，管子，电缆，汽车，飞机等。北奕液压鹰嘴剪，多产能，获得更多利润。

The hydraulic shears draw on the production technology imported from Italy. The whole machine is lighter in weight, flexible and light in operation, smooth in appearance and more rational in body proportion. The hydraulic shears produced by Beiyi are suitable for different working conditions, including the dismantling of steel structures, the processing of scrap steel, the dismantling of automobiles, the dismantling of aircraft, and the dismantling of ships. Can cut iron materials, H steel, tanks, pipes, cables, cars, airplanes, etc. Beiyi hydraulic shears, multi-capacity, more profits.

产品特点 / Product characteristics

- 1.采用瑞典进口Hardox500钢板，具有耐磨、耐腐蚀、耐低温、耐高温等性能。
 - 2.刀片采用耐磨合金钢，抗高温、耐变形。
 - 3.油缸采用滚压工艺，直线度和精度比珩磨管有很大提高，表面硬度高于珩磨管，提高了使用寿命。油缸加大提高剪切力，穿透力提升了30%。
 - 4.加配增速阀，提高了工作量，使剪切速度翻倍。
 - 5.旋转盘带减速箱，能更好的保护旋转马达，使旋转更稳定。
- 1.It adopts Hardox500 steel plate imported from Sweden, which has the properties of wear resistance, corrosion resistance, low temperature resistance and high temperature resistance.
 - 2.The blade is made of wear-resistant alloy steel, which is resistant to high temperature and deformation.
 - 3.The oil cylinder adopts the rolling process, the straightness and precision are greatly improved than that of the honed tube, and the surface hardness is higher than that of the honed tube, which improves the service life. The oil cylinder is enlarged to increase the shear force, and the penetration force is increased by 30%.
 - 4.Adding a speed-increasing valve increases the workload and doubles the shearing speed.
 - 5.The rotating disc is equipped with a reducer, which can better protect the rotating motor and make the rotation more stable.

性能参数/Performance Parameter

型号 Model	BYMS260R	BYMS360R	BYMS460R	BYMS610R	BYMS810R	BYMS1000R	
重量 Weight	580	1166	1680	2522	3766	5266	
油缸流量 Cylinder Flow	72-102	72-102	102-201	151-250	299-504	602-799	
油缸压力 Cylinder pressure	26	27	32	32	32	32	
旋转流量 Rotary Flow	19-22	19-22	19-22	19-22	19-22	49-61	
旋转压力 Rotary pressure	11.6	11.6	11.6	11.6	11.6	11.6	
开口 Opening	250	360	480	600	800	1030	
深度 Depth	252	392	485	557	636	875	
主轴力 Main shaft force	300	388	799	1236	1898	2387	
力 Force	40	50	90	130	205	250	
力 Force	80	85	165	266	410	485	
力 Force	160	176	360	610	930	1200	
适配挖机 Hydraulic excavator	6-10	10-15	20-25	20-40	30-60	40-80	
接大臂挖机 Suits Excavator/boom mounting	3-10	6-15	10-25	18-40	20-60	25-80	
剪刀尾座数据 mm Shear tailstock size	轴 Shaft	EA/EB	45-80	55-80	80-90	80-110	—
	开档 width	E	160-225	170-306	260-400	300-430	350-490
	中心距 Pin center distance	EC	265	400	460	520	570
外观尺寸 Dimension mm 长宽高 length*width*height	B*C*D	1880*556*448	2459*600*716	2900*650*930	3300*800*1037	3725*840*1314	3891*900*1505

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双缸液压剪 Hydraulic Double Cylinder Shears

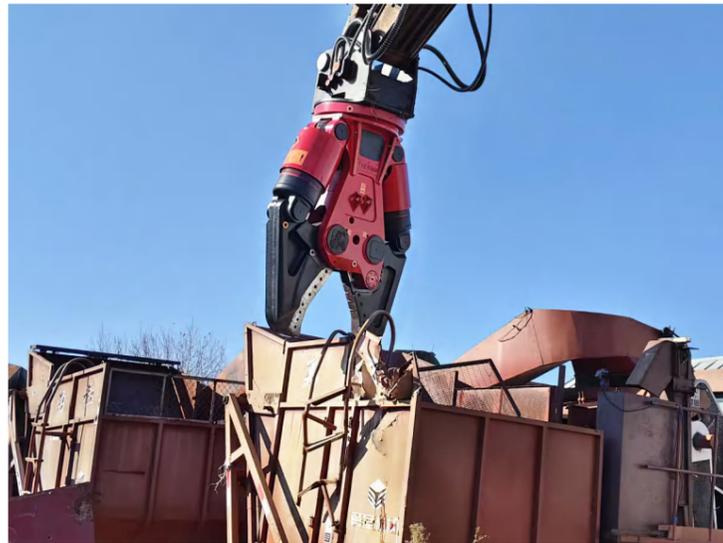
产品介绍/Product introduction

双缸液压剪是对现有双缸液压钳进行了改进,添加合金刀片以针对钢铁剪切研发而成的双缸液压剪,剪切力大大高于同系列鹰嘴剪,提供施工效率的同时满足客户对过硬钢板钢筋等硬度较强金属回收的需求。

The double-cylinder hydraulic shear is an improvement of the existing double-cylinder hydraulic pliers. It is a double-cylinder hydraulic shear developed for steel shearing by adding an alloy blade. The shearing force is much higher than that of the same series of olecranon shears. Meet the needs of customers for the recovery of metals with strong hardness such as super-hard steel plates and steel bars.

产品特点/Product characteristics

1. 旋转采用加大固定螺丝数量及齿轮轴承,性能更稳定,动力更强;
1. The rotation adopts a larger number of fixing screws and gear bearings, which makes the performance more stable and the power stronger;
2. 新款一键调节劈叉难题,跳过以往繁琐步骤;
2. The new model solves the problem of splits adjustment with one button, skipping the previous tedious steps;
3. 剪臂升级了整条加强筋,避免金属疲劳开裂的风险。
3. The scissor arm has upgraded the entire reinforcement rib to avoid the risk of metal fatigue cracking.



性能参数/Performance Parameter

型号 Model	开口 Opening mm	剪口深度 Notch depth mm	小臂适配吨位 Tonnage of small arm T	自重 Deadweight T	最大工作压力 Maximum working pressure Mpa	刀片长度 Blade length mm	前端剪切力 Front shear force KN	中央剪切力 Central shear force KN
BYDS215	580	480	12-20	1.68	30	320+208	1185	1320
BYDS295	740	550	20-30	2.98	31.5	350+260	1185	1565
BYDS315	740	550	20-35	3.05	32	350+260	1250	1820
BYDS395	790	650	33-45	4.4	32	350+360	1445	2485

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拆车剪 Car Scrap Shear

转盘Rotary Table

360°Rotation
灵活操作Flexible operation
更高效率More efficient



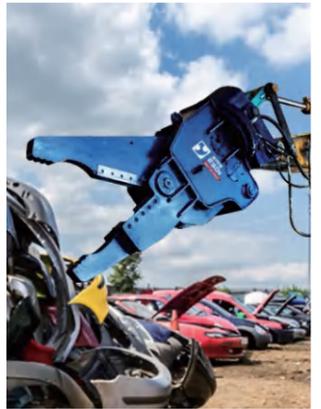
油缸Cylinder

自产高压强有力油缸
Large cylinder reinforced
large single cylinder installed
in the body

刀片Cutter

合金刀片设计更优抗剪能力,刀片可轻易拆换,不需要磨焊。
Alloy blade design superior shear resistance, easily replace the blade, don't need grinding weld

钳嘴Clamping mouth
钳嘴设计用于抓握小部件
The tip is designed to hold the widget



产品介绍 / Product introduction

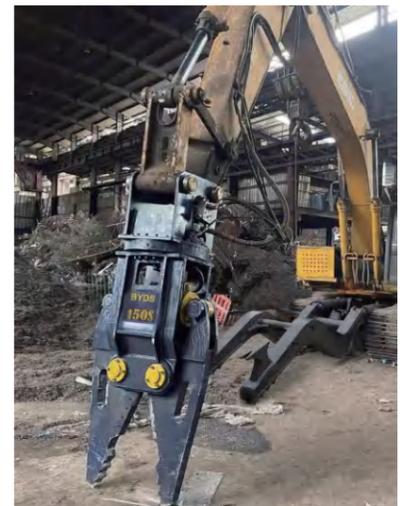
北奕机械不断对工程机械属具中破拆回收设备的进行研发,如今,液压拆车剪已经面世。此类剪刀适用在不同的汽车拆解,能切割铁制材料,钢材,罐,管子等。

Beiyi Machinery has been continuously developing the dismantling and recycling equipment in the construction machinery accessories. Now, hydraulic car dismantling shears have been launched. Such shears are suitable for different car dismantling and can cut iron materials, steel, tanks, pipes, etc.

性能参数/Performance Parameter

型号 Model	单位 Unit	BY-DS150S	BY-DS200S	BY-DS250S
总重量 Weight	T	1.31	1.9	1.75
最大开口宽度 Max Opening width	mm	540	820	750
适配挖机重量 Hydraulic Excavator	T	12-15	15-20	20-30
最大使用油压 Max Oil Pressure	MPa	32	32	32
全长 Total Length	mm	2270*600*980	2765*780*600	2600*800*1500

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压车架 Excavator Clamp Arm



产品特点/Product characteristics

- 1.采用NM500钢材,质量轻,耐磨;
 - 2.油缸采用珩磨管,进口HALLITE油封,工作周期短、寿命长。
- 1.Nm500 steel,light weight and wear-resistant;
2.The oil cylinder adopts honing tube,imported HALLITE oil seal, short working cycle and long life.



双作用压车架
Double acting excavator clamp arm



单作用压车架
Single acting excavator clamp arm



性能参数/Performance Parameter

项目 Item		双作用压车架 Double Acting Excavator Clamp Arm		单作用压车架 Single Acting Excavator Clamp Arm	
型号 Model	单位 Unit	BY-YCJ200D	BY-YCJ300D	BY-YCJ200S	BY-YCJ300S
使用挖掘机 Suitable Excavator	t	9-16	17-25	9-16	17-25
重量 Weight	kg	2800	3200	2100	2800
最大开口 Maximum Opening	mm	3800	3600	-	-
上下高度 Maximum Height	mm	2200	2600	2000	3000
额定压力 Rated Pressure	bar	250	280	280	250
额定流量 Rated Flow	lpm	220	220	120	120
张开周期 Opening Cycle	sec	2.1	2.9	-	-
闭合周期 Closed Cycle	sec	2.3	2.7	-	-

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机械式鹰嘴剪 Mechanical Shears

性能参数/Performance Parameter

型号 Model	总重量 Weight	全长 Overall Length	最大开口宽度 Opening	适配挖机吨位 Suitable Excavator
BY-KS200	0.75T	1675*660*860mm	350mm	15T-25T
BY-KS250	1.6T	1750*620*1000mm	450mm	20T-25T

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机械鹰嘴剪延续液压鹰嘴剪的优势拥有超大开口和九块可更换刀片,机身小巧,可适用于小挖机的钢铁回收工作,灵活性高,满足客户低价高配的产品需求。

The mechanical hawkbill shear inherits the advantages of the hydraulic hawkbill shear, with an extra-large opening and nine replaceable blades. It has a compact body and can be used for steel recycling work on small excavators. It is highly flexible and can meet customers' needs for low-priced and high-end products.



龙门剪 Automatic Inclined Shears



性能参数/Performance Parameter

斜剪型 Oblique shear type	BYAIS400 T
• 机器长度 Length:	5450 mm
• 机器宽度 Width:	2020 mm
• 机器高度 High:	2800 mm
• 机器重量 Weight:	13 tons
工作循环 Working cycle	
• 自动循环 Automatic Cycle	50 S/min
• 内盒宽度 Inner Box Width	1350mm
• 整体剪切力 Shear Force	400 t
切割长度 Cutting length	850 mm

节约成本 save costs
投资和运营成本低;运输和运费节省;快速处理超大材料;低油耗;减少劳动力成本
Low investment and operating costs; transportation and freight savings; fast handling of oversized materials; low fuel consumption; reduced labor costs

更大的流动性和多功能性 Greater mobility and versatility

在几分钟内完成; Complete in minutes;
单一操作员; Single operator;
不需要许可证或混凝土垫; No permit or concrete pad required;
强大的切割剪切在市场上 Strongest cutting shear on the market

• 液压站系统 Hydraulic station system 45KW	电压 Voltage	380V
	流量 Flow	230L/min
	长*宽*高 Length*Width*Height	1560*1400*1600
	油箱容积 Fuel Tank Capacity	800L
	外接电源线 External Power Source	25平方
• 刀片 (每个刀片有四个边缘用于切割) Blades (each blade has four edges for cutting)		4块刀片 4 blades

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磁吸液压钳在液压粉碎钳的基础上设计,除了其特定特性外,电磁铁利用强大的磁力轻松吸附细碎难拣的钢筋,增加效率的同时,创造了更大的价值。

Magnetic suction hydraulic pliers are designed on the basis of hydraulic crushing pliers. In addition to its specific characteristics, the electromagnet uses strong magnetic force to easily absorb fine and difficult to pick steel bars, which increases efficiency and creates greater value.



磁吸液压钳 Hydraulic Magnet Pulverizer

- ▷ 粉碎和吸铁一机两用
- ▷ 强磁动力动能持续
- ▷ 只需接入24V电池
- ▷ 粉碎牙齿尖锐,破碎力强

- *Crushing and iron absorption in one machine
- *Strong magnetic kinetic energy continues
- *Just plug in a 24V battery
- *Sharp crushing teeth, strong crushing force

性能参数/Performance Parameter

型号 Model	净重 (带磁吸) Net Weight (With Magnetic Attraction) kg	净重 (不带磁吸) Net Weight (Without Magnetic Attraction) kg	长度 Length mm	高度 Height mm	最大开口宽度 Max Opening Width mm	钢筋切割刃长 Rebar Cutting Blade Length mm	压碎力 Crushing Force Kn	使用压力 Use Pressure Mpa	适配挖机 Suitable Excavators T	设备尾座数据 Equipment Tailstock Data mm			磁铁吸引面* Magnet Attracting Surface mm	磁铁工作电压 Magnet Working Voltage V	极限吸附重量* Limit Adsorption Weight kg
										轴距 Axle Distance	中心距 Center Distance	开档 Open File			
BYMC600E	1250	1000	1900	1230	650	130	600	32	13-20	65-80	410	240-325	510x670	24	500
BYMC700E	1770	1520	2045	1500	760	200	880	32	20-25	20-25	460	270-345	510x670	24	600

*吸附重量表示吸附体积比重为1.3的物体时的值
*根据挖掘机的型号种类有必要更换挖机的情况参考值
*可选择带或不带磁吸

*Adsorption weight indicates the value when an object with a volume specific gravity of 1.3 is adsorbed.
*Depending on the model and type of the excavator, the reference value when it is necessary to replace the excavator.
*Optional with or without magnetic suction.

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液控磁吸盘 Excavator Magnet Lift

产品特点 / Product characteristics

吸盘耐磨耐热材料,开口大,抓取范围大。常规破碎锤管路,单向管路即可。固定回油管接口,无需另外接回挖机油箱。遥控器+接收盒,安全便利快速消磁。

The suction cup is made of wear-resistant and heat-resistant material, with a large opening and a large gripping range. Conventional breaker pipeline, one-way pipeline is sufficient. Fixed oil return pipe interface, no need to connect it back to the excavator tank separately. Remote control + receiving box, safe, convenient and fast demagnetization.



性能参数/Performance Parameter

型号 Model	单位 Unit	BY-YKCX700	BY-YKCX1000	BY-YKCX1200
吸盘最大直径 Maximum Diameter	mm	720	1015	1200
重量 Weight	T	0.8	1.55	1.85
磁吸力 Magnetic Attraction	T	重料整板1	重料整板2-3	重料整板2-3
外形尺寸 (长*宽*高) Dimensions (L*W*H)	mm	1025*720*1000	1360*1015*1000	1648*1200*1180
适配挖机 Suitable Excavators	T	15-20	20-30	20-30
使用油压 Oil Pressure	Mpa	28-32		

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电吸盘 Magnetic Chuck



- 1、全密封结构,防潮性能好;2、励磁线圈经特殊工艺处理,提高了线圈的电气性能和机械性能,绝缘材料耐热等级达到C级,使用寿命长;3、半永久性设计,降低管线维护成本。

1. Fully sealed structure, good moisture-proof performance; 2. The excitation coil is treated with special technology to improve the electrical and mechanical properties of the coil, and the heat resistance grade of the insulation material reaches Class C, with a long service life; 3. Semi-permanent design reduces pipeline maintenance costs.

型号 Model	单位 Unit	BY-LCX1000	BY-LCX1100	BY-LCX1200	BY-LCX1300	BY-LCX1400	BY-LCX1500
吸盘直径 Suction Cup Diameter	Mm	1000	1100	1200	1300	1400	1500
吸盘重量 Suction Cup Weight	Kg	880	1050	1292	1626	1800	2110
起重能力 Cylinder Pressure	钢球 Steel Ball	Kg	5000	6000	7000	8000	9000
	钢锭 Steel Ingot	Kg	800	900	1200	1400	1500
	切削料 Cutting	Kg	400	450	600	700	800
适配挖机 Suitable Excavators	挖机吨位 Excavator Tonnage	T	15-20	20-30	20-30	20-30	25-35
吸盘功率 Suction Cup Power	Kw	4.2	8	8.4	8.5	10	11.5
永磁发电机 Dynamo	功率 Power	Kw	10	15	15	15	15/24
配套控制柜 Control Cabinet	电流 Current	A	190	190	190	190	190

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磁吸抓斗 Magnetic Grapple

产品介绍 / Product introduction

磁吸抓斗由强磁性的磁铁或磁体组成,可以产生强大的磁力。磁铁抓斗与磁性物体接触时,磁力将使其紧密粘附在一起,从而实现抓取和操控的功能。

The magnetic grab is made of strong magnets or magnets that can generate strong magnetic force. When the magnetic grab comes into contact with the magnetic object, the magnetic force will make it stick together tightly, thus achieving the function of grabbing and manipulating.



性能参数/Performance Parameter

型号 Model	单位 Unit	BYPME08
重量 Weight	kg	2450
最大开口 Max jaw opening	mm	3390
闭合高度 Height of closed grapple	mm	2610
张开高度 Opening height	mm	1775
驱动压力 Set up pressure	bar	260-320
驱动流量 Operating flux	lpm	160-200
磁铁直径 Magnet diameter	mm	1000
磁铁吸附重量(整板) Magnet adsorption weight (whole board)	kg	2000-3000
磁铁吸附重量(散料) Magnet adsorption weight (bulk material)	kg	200-1000
爪子容量 Cylinder volume	litre	1000
瓣数 No. of jaw	piece	4
适用挖掘机 Suitable excavator	Ton	20-45

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磁吸抓钢器 Magnetic Steel Grab

产品介绍 / Product introduction

采用NM400钢材,质量轻、耐磨损;销轴使用42CrMo合金钢,内置油道,强度高、韧性好;抓齿采用锰钼合金材料,精久耐用。

NM400 steel, light weight, wear resistance; Pin shaft using 42CrMo alloy steel, built-in oil passage, high strength, good toughness; Grab teeth made of manganese molybdenum alloy material, fine and durable.

性能参数/Performance Parameter

型号 Model	单位 Unit	BYEMG08
重量 Weight	kg	2250
最大开口 Max Jaw Opening	mm	2000
闭合高度 Closing Height	mm	2700
压力 Set Up Pressure	bar	260-320
磁铁直径 Magnet Diameter	mm	705
磁铁吸附重量 Magnet Adsorption Weight	T	1-2
二齿宽度 Width Of Two Teeth	mm	470
三齿宽度 Width Of Three Teeth	mm	740
适用挖掘机 Suitable Excavator	Ton	20-40

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莲花抓斗 Hydraulic Grab

产品介绍 / Product introduction

莲花抓能在各种恶劣环境下工作,独特的颞瓣曲线特别有利于废钢、生铁等不规则物料的装卸。莲花抓有2-6个颞瓣,每个颞瓣分别由一个油缸驱动,以保证物料不会撒漏。

- 1、建筑地基的基坑挖掘、深坑挖掘及泥、沙、煤、碎石的装载;
- 2、钢铁企业、港口、码头、铁路口岸、货场、料场等,对废钢料、散碎料、木料、道渣等物料的装卸、

The lotus grab can work in various harsh environments. The unique jaw curve is particularly conducive to the loading and unloading of irregular materials such as scrap steel and pig iron. The lotus grab has 2-6 jaws, each of which is driven by a cylinder to ensure that the material will not leak.

1. Excavation of foundation pits and deep pits for building foundations, and loading of mud, sand, coal, and gravel;
2. Loading, unloading, stacking, and transportation of scrap steel, bulk materials, wood, ballast, and other materials in steel enterprises, ports, docks, railway ports, freight yards, material yards, etc.



性能参数/Performance Parameter

项目 Item	型号 Model	Unit	BYKM04	BYKM06	BYKM08	BYKM10
重量 Weight		kg	560	800	1900	2200
最大开口 Max Jaw Opening		mm	1600	1600	2500	2900
闭合高度 Height Of Closed Grapple		mm	1150	1480	2000	2500
最大压力 Set Up Pressure		bar	260	260	320	320
最大流量 Operating Flux		lpm	20-70	60-120	200-250	250-300
容量 Cylinder Volume		litre	400	500	1000	1200
瓣数 No. of Jaw		piece	4-5	4-5	4-5	4-5
适用挖掘机 Suitable Excavator		Ton	6-8	10-15	18-24	26-35

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旋转式抓木器/抓石器 Hydraulic Grapple

产品特点/Product characteristics

1. 北奕机械系列旋转式抓石器、抓钢器、抓木器采用特殊钢材，质地轻，具有高弹性，耐磨性高；
2. 具有刹车制动功能，采用新型涡轮蜗杆式设计；
3. 采用小吨位挖机回转装置，利用刹车片制动，从而很大程度上提高了旋转使用寿命、稳定性及效率；
4. 可顺时针，逆时针360度自由旋转；
5. 可进行石材作业，木材甘蔗作业，废弃物作业，管材作业，园林操作，砌石工程等所有夹装作业。

1. Beiyi Machinery's series of rotary stone grabbers, steel grabbers, and wood grabbers are made of special steel, which is light, highly elastic, and highly wear-resistant;
2. It has a braking function and adopts a new turbine worm design;
3. It uses a small-tonnage excavator slewing device and brakes with brake pads, which greatly improves the service life, stability, and efficiency of the rotation;
4. It can rotate freely 360 degrees clockwise and counterclockwise;
5. It can be used for all clamping operations such as stone operations, wood and sugarcane operations, waste operations, pipe operations, garden operations, and stone masonry projects.



抓石器Hydraulic Grapple



抓木器Hydraulic Grapple

性能参数/Performance Parameter

项目Name	型号Model	Unit	BYKL 02	BYKL 04	BYKL 06	BYKL 08	BYKL 10	BYKL 14	BYKL 20
重量 Weight		Kg	360	440	900	1850	2130	2600	2800
最大开口 Max Jaw Opening		mm	1200	1400	1600	2100	2500	2800	2800
工作压力 Working Pressure		kg/cm2	110-140	120-160	150-170	160-180	160-180	180-200	180-200
设定压力 Setting Pressure		kg/cm2	170	180	190	200	210	250	250
工作流量 Workflow		L/min	30-55	50-100	90-110	100-140	130-170	200-250	200-320
油缸容量 Cylinder Capacity		Ton	4×2	4.5×2	8.0×2	9.7×2	12×2	12×2	14×2
适用挖机 Applicable Excavator		Ton	4-6	7-11	12-16	17-23	24-30	31-40	41-50

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机械抓钢器 Mechanical Grapple

产品特点/Product characteristics

1. 采用瑞典NM400耐磨钢材，质量轻、耐磨；
 2. 销轴采用42CrMo合金钢，内置油道，强度高。
1. Made of Swedish NM400 wear-resistant steel, light weight and wear-resistant;
 2. The pin is made of 42CrMo alloy steel, with built-in oil channel and high strength.

性能参数/Performance parameters

项目\型号 Item\Model	单位Unit	BY-MGL02C	BY-MGL04C	BY-MGL06C	BY-MGL08C	BY-MGL10C
适配挖机 Hydraulic Excavator	ton	1.5-3.5	7-111	12-16	17-23	24-30
重量 Weight	kg	185	240	530	960	1220
开口尺寸 Max Jaw Opening	mm	1200	1300	1850	2170	2540
总高度 Height	mm	1095	850	1765	2160	2440
二齿宽度 Width Of Two Teeth	mm	286	210	354	460	550
三齿宽度 Width Of Three Teeth	mm	476	350	618	760	930

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抓料机 Grab machine

产品特点/Product characteristics

采用耐磨优质材料，精度高，坚固耐用。销轴均经过热处理，硬度高，不易弯曲。采用进口马达，故障率低，持久耐用。旋转支撑结构中带有双平衡阀和双溢流阀的刹车块。

Made of wear-resistant high-quality materials, high precision, strong and durable. The pins are heat-treated, high hardness, not easy to bend. Imported motors are used, with low failure rate and long-lasting durability. The brake block with double balance valve and double overflow valve in the rotating support structure.

性能参数/Performance parameters

型号 Model	单位 Unit	BYL-300	BYL-400	BYL-500
最大开口 Maximum opening	Mm	1640	1948	2216
高度/打开高度 Height/Opening Height	Mm	1370/1180	1825/1642	2237/1987
宽度/闭合宽度 Width/Closed Width	Mm	700/907	900/1324	1050/1362
重量 Weight	Kg	690	1020	1780
工作压力 Work pressure	Bar	180-200	160-180	200-240
工作流量 Workflow	Lpm	20-25	30-40	40-50
闭合内径 Closed inner diameter	Mm	640	955	891
适配挖机 Suitable for excavators	Ton	6-10	12-15	18-24

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液压手腕 Tiltrotator

产品特点/Features

液压手腕能实现无死角施工,是在传统挖掘机只能俯仰角度基础上,增加了360°旋转和±45°侧摆从而实现。为施工方式带来更多选择。下端的快换装置可实现迅速切换属具,应对复杂工况。前端手指夹能轻松拿捏重物。

The hydraulic wrist can realize construction without dead angles. It is based on the traditional excavator's pitch angle, and adds 360° rotation and 45° side swing to achieve more choices for construction methods. The quick-change device at the bottom can realize the rapid switching of attachments to cope with complex working conditions. The front finger clamp can easily grasp heavy objects.

性能参数/Performance parameters

型号 Model	BY-07W	BY-10W	BY-15W	BY-20W
适配挖机 compatible Excavator	5T-7T	7T-12T	10T-15T	15T-18T
最大倾角(度) Maximum Tilt Angle(Degrees)	±45	±45	±45	±45
流量(升/分) Flow Rate(L/min)	18-38	70-90	80-100	100-120
最大工作压力(BAR) Maximum working Pressure	220	220	220	220
手指夹开口(MM) Finger Grab Opening	310	500	500	565
手指夹安全负载(KG) Finger Grab Safe Load	120	250	250	350
摆动力矩(KNM) Tilting Torque	15	29	43	62
旋转力矩(KNM) Rotating Torque	6.5	5.4	7.8	8.8
最大油缸运行速度(MM/S)M Aximum Cylinder Operating	/	80	80	90
重量(KG) Weight	275	350	595	680
显控屏 Display and Controlscreen	标配Standard	标配Standard	标配Standard	标配Standard
多功能手柄 Muti-function Joystick	标配standard	标配Standard	标配Standard	标配Standard
多国语言 Multi-language Support	标配Standard	标配Standard	标配Standard	标配Standard
姿态锁定 Position Lock	无no/ 标配Standard	无no/ 标配Standard	无no/ 标配Standard	无no/ 标配Standard
水平姿态模拟器 Horizontal Attitude Simulator	选装Optional	选装optional	选装optional	选装optional
自动油路对接 Automatic Hydraulic Coupling	选装Optional	选装Optional	选装Optional	选装Optional

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快速连接器 Quick Hitch

产品特点/Product characteristics

- 驾驶室安装电子驱动系统,操作者轻松在驾驶室内通过开关操纵打开、关闭连接器。
- 单向止回阀保护系统:每个油缸都加装安全止回阀,保证油路、电路切断情况下,快速连接器正常工作。



- The cab is equipped with an electronic drive system, and the operator can easily open and close the connector by operating the switch in the cab.
- One-way check valve protection system: Each cylinder is equipped with a safety check valve to ensure that the quick connector works normally when the oil circuit and circuit are cut off.

产品介绍/Product Introduction

挖掘机快速连接器,也叫快换接头、快速接头。快速连接器能在挖掘机上迅速安装、切换各种配置件挖斗、松土器、破碎锤、液压剪等),能扩大挖掘机使用范围,并能节省时间,提高工效。

Excavator quick hitch is also called quick hitch, quick coupler. Quick hitch can be quickly installed on the excavatorswitching various attachments(buckets, excavator rippers, hydraulic breakers, hydraulic shears etc)It can expanduse scope of excavators and save time and improve work efficiency.

性能参数/Performance Parameter

型号 Model	Unit	BYK 45	BYK 50	BYK 65	BYK 80	BYK 90	BYK 100	BYK 120
总长度 Overall Length	mm	388	534-545	600	765	924-944	983-1050	1006-1173
总高度 Overall Height	mm	246	307	310	388	492	574	558-610
总宽度 Overall Width	mm	175	258-263	270-280	353-436	449-483	543-568	606-663
轴中心距 Pin to Pin Center Distance	mm	80-150	230-270	290-360	380-420	460-480	473-540	550-620
小臂开档 Forearm Open Width	mm	80-140	155-170	180-200	232-315	306-340	375-411	416-469
油缸伸缩距离 Retractable Distance of Oil Cylinder	mm	170-206	205-275	340-450	340-486	256-390	413-590	520-590
上下轴之间距离 Top to Bottom Pin Distance	mm	159	195	195	220	275	300	360
轴直径 Pin Diameter	mm	25-40	45-50	50-55	60-70	70-80	80-90	90-120
重量 Weight	kg	25	50-60	80	120-130	280-290	420-430	450-580
使用压力 Working Pressure	kg/cm2	40-380	40-380	40-380	40-380	40-380	40-380	40-380
必要油量 Required Oil Flow	L/min	10-20	10-20	10-20	10-20	10-20	10-20	10-20
适配挖机 Suitable Excavator	Ton	1.5-4	4-7	5-8	9-19	17-23	23-30	33-45

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液压钳 Hydraulic Pulverizer

产品特点/Product characteristics

液压钳是二次破拆设备，拥有大尺寸锯齿，并于咬合面强化凹齿设计，利用边齿发挥压碎物质，具有强力破碎的能力快速分解钢筋水泥；专门对大楼公寓，厂房梁柱等建筑拆除；以达到完全粉碎的效果。

Hydraulic Pulverizer are secondary demolition equipment with large-sized serrations and reinforced concave tooth design on the occlusal surface. They use the side teeth to crush materials and have strong crushing ability to quickly decompose reinforced concrete. They are specially used for demolition of buildings such as apartment buildings, factory beams and columns to achieve a complete crushing effect.



BYHC60



BYHC120



BYHC150



BYHC200



BYHC300

性能参数/Performance Parameter

型号 Model	总重量 Total Weight kg	全长 Total Length mm	最大开口宽度 Max Opening Width mm	破碎力 Breaking Force Ton	最大使用油压 Max Oil Pressure Mpa	适配挖机重量 Hydraulic Excavator T
BY-HC60	395	1200	415	50	26	4-8
BY-HC120	730	1400	542	60	32	8-15
BY-HC150	1000	1500	650	60	32	12-18
BY-HC200	1520	1800	760	79	34	18-25
BY-HC300	2100	1950	1075	100	34	25-45

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- # HYDRAULIC PULVERIZER
液压粉碎钳
- # DOUBLE CYLINDER PULVERIZER
双缸液压钳
- # ROTARY PULVERIZER
旋转液压钳
- # BREAKING HAMMER
破碎锤
- # MECHANICAL PULVERIZER
机械式粉碎器

破拆粉碎设备 DEMOLITION & CRUSHING EQUIPMENT



机械式粉碎机/鳄鱼钳 Mechanical Pulverizer



鳄鱼钳是拆除设备中较为方便快捷的机具，具有强力破碎的能力可快速分解钢筋水泥；专门对大楼公寓，厂房梁柱等建筑拆除。

Alligator pliers are a relatively convenient and quick tool in demolition equipment. They have strong crushing ability and can quickly decompose reinforced concrete. They are specially used for demolition of buildings, apartments, factory beams and columns.

性能参数/Performance Parameter

型号 Model	总重量 Weight	全长 Overall Length	最大开口宽度 Opening	适配挖机吨位 Suitable Excavator
BYFM250	1200kg	2079mm	874mm	20T-30T

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旋转液压钳 Hydraulic Double Cylinder Pulverizer

产品特点/Product characteristics

1、旋转液压破碎钳为二次拆除设备；2、优质钢材，耐磨性极佳；3、采用优质高性能油缸，满足不同工况要求。

1. Rotating hydraulic breaker is a secondary demolition equipment; 2. High-quality steel with excellent wear resistance; 3. High-quality and high-performance cylinders are used to meet the requirements of different working conditions.



360°旋转 Rotation

Performance Parameter/性能参数

型号 Model	单位 Unit	BY-HC250RT
重量 Weight	Kg	1800
全长 Overall Length	mm	2400
最大开口宽度 Max opening width	mm	751
破碎力 Breaking force	KN	80
最大使用油压 Max oil pressure	Mpa	34
适配挖机吨位 Hydraulic excavator	T	20-30

适用范围/Scope of application

粉碎混凝土、砖块等建筑材料，拆解桥梁、房屋等大型建筑。

Crush concrete, bricks and other building materials, and dismantle large buildings such as bridges and houses.



双缸液压钳 Hydraulic Double Cylinder Pulverizer



产品特点/Product characteristics

1.对现有液压式混凝土破碎钳的结构进行了改进，提高施工；2.特殊合金刀片具有完美的切削力度和性能；3.双油缸并用，剪切力道更强劲，坚固耐用；4.360°旋转，操作灵活。

1. Improve the structure of the existing hydraulic concrete breaker to improve construction; 2. Special alloy blades have perfect cutting force and performance; 3. Double cylinders are used together, the shear force is stronger, and it is durable; 4. 360° rotation, flexible operation.

适用范围/Scope of application

粉碎混凝土、砖块等建筑材料，拆解桥梁、房屋等大型建筑。

Crush concrete, bricks and other building materials, dismantle large buildings such as bridges and .

性能参数/Performance parameters

型号 Model	单位 Unit	BYHP100RT	BYHP150RT	BYHP200RT	BYHP300RT
重量 Weight	Kg	650	1250	2200	2347
F1 Max	KN	780	1000	1540	-
F2 Max	KN	325	700	800.6	-
F3 Max	KN	220	500	555.4	-
额定压力 Reputable	Mpa	30	30	30	30
推荐流量 The company	L/min	90-120	200-220	240	80-100
适配挖机吨位 Hydraulic excavator	T	8-12	15-25	25-35	20-22



全自动支撑梁粉碎机 Fully Automatic Support Beam Crusher

产品特点/Product characteristics

1. 10个油缸,双重破碎齿,力度大,破碎彻底; 2. 全自动化数控操作,安全简单。
1. Ten hydraulic cylinders with double crushing teeth provide powerful and thorough crushing; 2. Fully automated CNC operation ensures safety and ease of use.

适用范围/Scope of application

破除切割下来的支撑梁(适用各种尺寸800*800 1000*1000 1200*1200,超出尺寸可定制),便于取出支撑梁钢筋和建筑废料再次使用,破除过程降噪降尘。

Destroy the cut support beams (applicable to various sizes 800*800 1000*1000 1200*1200, beyond the size can be customized), easy to take out the support beam reinforcement and construction waste for reuse, reduce noise and dust during the demolition process.

名称 Name	单位 Unit	BY-PB1000
油缸数量 NumberOfCylinders	PCS	6
油缸最大行程 CylinderStroke	MM	300
二次粉碎油缸数量 NumberOfSecondaryCrushing Cylinders	PCS	4
最大顶碎力 MaximumCrushingForce	T	1000
最大破桩尺寸(长*宽*高) Maximum BrokenPileSize(length*Width*Height)	M	2*1.1*2
使用电压 UseVoltage	V	380
使用功率 UsePower	WK	120
重量(不含液压站) Weight(withoutHydraulicStation)	T	60
外形尺寸(长*宽*高) Dimensions(L×W×H)	M	7*5*3

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破碎锤 Breaking Hammer

产品介绍 / Product introduction

北奕液压破碎锤采用科学的结构设计,选用优质的钢材,装配世界一流的生产加工设备,精湛的热处理及研磨技术,严格的质量管理;使用寿命更长,打击更有力。

Beiyi hydraulic breaker adopts scientific structural design, uses high-quality steel, is equipped with world-class production and processing equipment, has superb heat treatment and grinding technology, and strict quality management; it has a longer service life and more powerful impact.



项目	型号	单位	BYD45	BYD68	BYD75	BYD85	BYD100	BYD135	BYD140	BYD155	BYD165	BYD175	BYD185	BYD190	BYD210
总重量 Weight		Kg	80	254	264	486	853	1679	1898	2650	3753	3910	4100	5100	6100
总长 Overall Length		Mm	1100	1347	1528	1920	2260	2695	2810	3152	3310	3400	3400	3420	3700
工作压力 Hydraulic Working Pressure		Kg/cm ²	90-120	110-140	110-160	120-170	150-170	160-180	160-180	160-180	160-180	160-180	180-220	180-220	190-230
工作流量 Hydraulic Oil Flow		L/min	15-25	25-45	30-45	45-85	80-120	120-160	130-170	170-220	200-300	210-290	220-300	230-320	360-450
打击频率 Frequency		Bpm	700-1200	500-900	500-800	400-700	400-700	400-700	400-600	250-400	250-350	200-350	200-250	180-200	120-230
软管直径 Hose Diameter		Inch	1/2	1/2	1/2	3/4	3/4	1	1	1	1 1/4	1 1/4	1 1/4	1 1/4	1 1/2
钎杆直径 Chisel Diameter		Mm	45/53	68/70	75	85	100	135	140	155	165	175	185	190	210
适配挖掘机 Suitable Excavator		Ton	1.2-3.0	3.0-5.5	4.0-7.0	7.0-14	11-16	19-26	19-26	28-40	36-45	40-55	50-60	55-65	65-100

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高频破碎锤 Vibro Ripper

可撬动破碎根据岩力学设计的,因此使用V型斗齿和高速振动冲击,使岩石能快速产生裂隙。

The prying crusher is designed according to rock mechanics, so V-shaped bucket teeth and high-frequency vibration impact are used to quickly produce cracks in the rock.



型号 Model	BY-HR30	BY-HR40	BY-HR50	BY-HR60	BY-E5	BY-D4	BY-D6	BY-D8	BY-D10	BY-D12	BY-D14
功率 Power(kw)	60	68	79	95	120	140-180	180-200	180-200	180-200	180-200	180-200
工作流量 Working flow(L/min)	80	90	108	125	160	90*2	108*2	108*2	108*2	108*2	108*2
工作压力 Working pressure(Mpa)	251	286	300	370	430	450	691	691	691	691	691
长 Length(mm)	2300	2700	2700	2800	3100	3400	3685	3685	3685	3685	3685
宽 Width(mm)	950	1200	1200	1250	1250	1207	1246	1246	1246	1246	1246
高 Height(mm)	1350	1500	1500	1550	1650	1780	1815	1815	1815	1815	1815
重量 Weight(Kg)	144-180	160-200	190-220	225-250	288-295	324-295	410-440	410-440	410-440	410-440	410-440
冲击力 Impact Power(Kn)	3000	25	25	25	25-26	25-26	25-26	25-26	25-26	25-26	25-26
冲击频率 Impact frequency(Hz)	15-20	3600	3800	4300	5000	5500	6200	6200	6200	6200	6200
匹配挖机 Excavator(Tons)	25-35	22-26	28-30	30-33	36-45	38-45	50-65	50-65	50-65	50-65	50-65

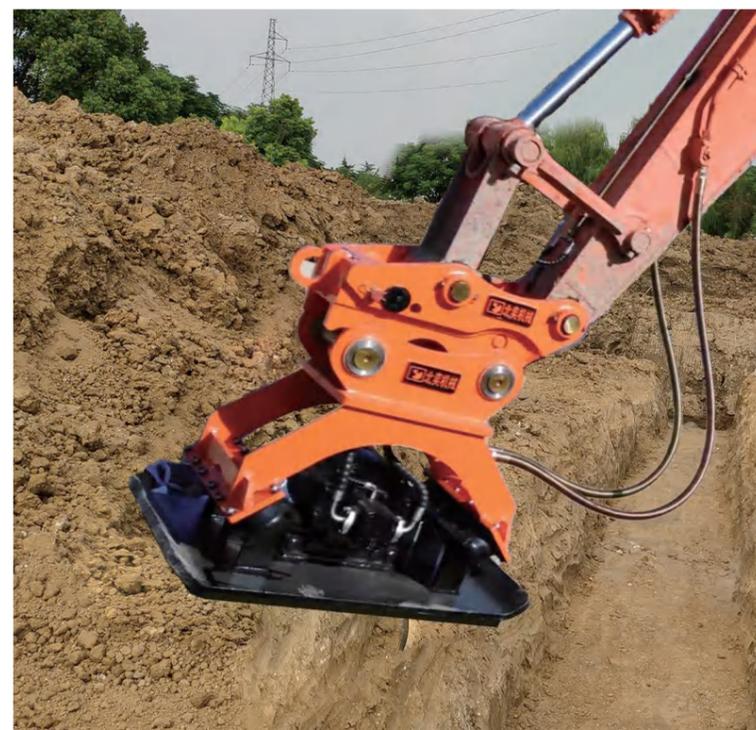
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振动夯实器 Hydraulic Compactor

产品特点/Features

BYC系列液压振动夯实机除激振力明显大于振动平板夯外,突出特点是振幅大,为振动平板夯的十余倍至数十倍,具有冲击压实效能,填层厚度大,压实度可达到高速公路等高等级基础的要求,可与振动压路机配套使用,处理边角、桥台背等。

BYC series Hydraulic Compactor can be applicable to any position, such as horizon compaction, step compaction bridge abutment, the trench pit compaction ,sub grade compaction, the corner turning point, backfill compacted concrete pavement patching compacted, tube side compaction etc, our hydraulic compactor can also be used for pulling piles and broken when necessary.



HYDRAULIC COMPACTOR
振动夯实器

ROLLER TAMPING
滚筒振动夯

HYDRAULIC DRUM CUTTER
铣挖机

RIPPER
松土器

ROCK BUCKET
挖斗/岩石斗

CRUSHER BUCKET
破碎斗

SHELL BUCKET
贝壳斗

土方工程设备

**EARTHWORKS
EQUIPMENT**

性能参数/Performance parameters

项目Name	型号Model	单位Unit	BYKC60	BYKC150	BYKC200	BYKC300
适合挖机 Applicable Excavator		Ton	4-9	11-16	17-23	23-30
打击力 Power Of Impulse		Ton	5	10	15	15
最大振动次数 Vibration Frequency		Rpm	1800	1800	1800	1800
使用油量 Oil Flow		L/min	45-75	85-105	120-170	120-170
压力 Pressure		Kg/cm2	100-130	100-130	120-180	120-180
重量 Weight		Kg	300	500	900	950
打击面积 Bottom Measurement		L×W×T,mm	825*550	862*700	1100*900	1100*900
总高 Height		Mm	760	920	1060	1100
总宽 Width		Mm	550	700	900	900

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滚筒振动夯 Roller Tamping

产品特点/Features

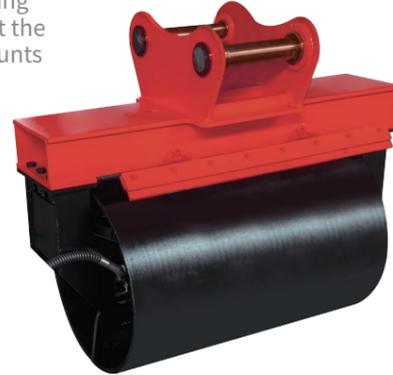
振频为平板夯的十余倍至数十倍,具有冲击压实效能;填层厚度大、压实度可达到高度公路等级基础的要求;振动钢轮的重量占振动重量80%左右,有钢轮钢圈、辐板等焊接、加工而成。

Its vibration frequency is ten to dozens of times that of a plate compactor, providing effective impact compaction. It allows for thick fill layers and compaction to meet the requirements of high-grade highway foundations. The vibratory steel wheel accounts for approximately 80% of the total weight of the vibrator and is constructed from welded and machined steel wheels, rims, and spokes.

适用范围/Scope of application

适用于多种地形的平面、斜面、台阶、沟槽夯实以及其他复杂基础的夯实处理。

It is suitable for compaction of various terrains, including flat surfaces, slopes, steps, trenches, and other complex foundations.



性能参数/Performance Parameter

型号 Model	单位 Unit	BYminiG	BY04G	BY06G	BY08G	BY10G
激振力 Exciting force	t	3	5	8	12	14
激振频率 Excitation frequency	rpm	≥1700	≥2000	≥2200	≥2200	≥2200
工作压力 Work Pressure	mpa	8	10	13	15	18
最大流量 Maximum flow	Vmin	60	60	120	200	220
滚筒直径 Roller diameter	mm	500	500	600	800	800
滚筒宽度 Roller width	mm	520	800	1000	1200	1500
重量 weight	kg	350	430	920	1200	1500
适配挖掘机 Applicable excavator	ton	3-5	5-9	10-17	18-25	20-35

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铣挖机 Hydraulic Drum Cutter

产品特点/Features

铣挖机是可适配挖掘机的多功能工程机械设备,具备铣挖范围广、施工精度高的核心优势,能高效处理中低硬度岩石、混凝土及冻土等物料,且可铣断小直径钢筋,同时以低振动、低噪音特性适配爆破受限场景。

Milling machines are multi-functional engineering machinery that can be adapted to excavators. They have the core advantages of wide milling range and high construction precision. They can efficiently handle materials such as medium and low hardness rocks, concrete and frozen soil, and can also mill small diameter steel bars. At the same time, their low vibration and low noise characteristics make them suitable for blasting restricted scenarios.

适用范围/Scope of application

- 1.隧道、巷道:掘进及墙面、顶部、边角、轮廓、沟槽等处理;
- 2.道路工程:混凝土构造物、边沟、边坡及附属设施的切削或挖掘,破损水泥或沥青路面清理等;
- 3.水利工程:混凝土构造物处理、河床清理、破损构造物的清理或拆除等;
- 4.市政工程:管道沟槽、地基、构造物的挖掘或处理,破损市政设施的清理或拆除等。

1. Tunnels and tunnels: Excavation and treatment of walls, tops, corners, outlines, trenches, etc.
2. Road engineering: Cutting or excavation of concrete structures, ditches, slopes and ancillary facilities; cleaning of damaged cement or asphalt pavements, etc.
3. Water conservancy projects: Treatment of concrete structures; riverbed dredging; cleaning or demolition of damaged structures, etc.
4. Municipal engineering: Excavation or treatment of pipeline trenches, foundations, and structures; cleaning or demolition of damaged municipal facilities, etc.



性能参数/Performance parameters

型号 Model	单位 Unit	BY8T	BY15T	BY20T	BY30T	BY40T
操作重量 Operating weight	kg	372	845	1340	1860	2620
输入功率 Input power	kw	25	30	52	60	120
最大功率 Maximum power	kw	34	40	62	70	140
最大工作压力 Maximum working pressure	bar	350	350	350	350	350
流量 Flow rate	l/min	30-50	60-90	80-140	140-210	260-450
切割速度 Cutting speed	rpm	120-200	90-130	65-113	50-90	40-70
切割头转矩 Cutting head torque	Nm	3200	5800	10900	24000	36000
铣刀直径 Milling cutter diameter	mm	360	460	590	620	730
载重 Load capacity	tons	3.0-8.0	8.0-15.0	15.0-24.0	18.0-35.0	30.0-45.0

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松土器 Ripper

产品特点/Features

松土器分为挖掘机用松土器和推土机用松土器, 挖掘机松土器也叫斗钩, 推土机用松土器也叫尾钩, 一般是单齿, 也有二齿或三齿, 挖掘切入力强。

Raisers are divided into rippers for excavators and rippers for bulldozers. Excavator rippers are also called bucket hooks, while bulldozer rippers are also called tail hooks. They are generally single-toothed, but can also have two or three teeth, and have strong digging and cutting force.



性能参数/Performance Parameter

型号 Model	吨位 Suitable Excavator	轴粗 Shaft Thickness	重量 Weight	高度 Height	板厚 Plate Thickness	护板 Guard Plate	斗齿 Bucket Teeth
BYK02	4-6	15-30	60	390	—	—	DH60
BYK04	6-9	40-55	160	950	—	—	DH60
BYK06	10-18	60-65	300	1180	650	—	DH130
BYK08	19-24	70-80	450	1260	80	普通 Ordinary	D85
BYK10	23-30	90	650	1380	90	普通 Ordinary	4T5502
BYK14	30-38	90-100	800	1470	90	加强 Strengthen	4T5502
BYK17	35-45	100-110	900	1520	100	加强 Strengthen	4T5502
BYK20	40-50	定制 Customized	定制 Customized	定制 Customized	120	加强 Strengthen	PC700
BYK24	45-60	定制 Customized	定制 Customized	定制 Customized	120	加强 Strengthen	PC1000

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挖斗/岩石斗 Rock Bucket

产品特点/Features

岩石挖斗是挖掘机重载核心属具, 采用高强度耐磨钢打造, 斗体加厚加固, 配专用耐磨斗齿, 可定制颜色, 适配主流机型, 高效应对硬岩、矿石等严苛工况, 耐用省耗。

Rock buckets are core heavy-duty attachments for excavators. They are made of high-strength wear-resistant steel, with a thickened and reinforced bucket body and equipped with special wear-resistant bucket teeth. They are compatible with mainstream models and can efficiently handle harsh working conditions such as hard rock and ore, while being durable and energy-saving.



筛分斗 Screening Bucket

产品特点/Features

筛分斗作为挖掘机多功能属具, 液压驱动滚筒旋转, 筛网孔径可定制, 防堵自清洁设计适配干湿物料, 高效完成筛分、分离与分级, 适配多场景且操作便捷。

As a multi-functional attachment for excavators, the screening bucket features a hydraulically driven drum rotation, customizable screen aperture, and an anti-clogging, self-cleaning design suitable for both dry and wet materials. It efficiently completes screening, separation, and grading, making it suitable for various scenarios and easy to operate.

适用范围/Scope of application

筛分斗的适用范围十分广泛, 涵盖矿山开采中的矿石分级、建筑垃圾回收再利用的物料分拣、河道淤积时的泥沙石分离, 还可用于土壤修复的杂质筛分、园林景观整理的土石分选, 以及道路工程管道回填的骨料筛选等场景, 能高效处理砂石、矿石、渣土等各类干湿物料。

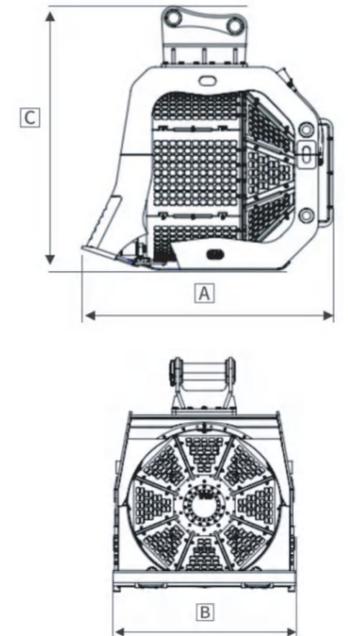
Screening buckets have a wide range of applications, covering ore grading in mining, material sorting for construction waste recycling, separation of mud, sand and gravel during river dredging, impurity screening for soil remediation, soil and stone sorting for landscaping, and aggregate screening for road engineering pipeline backfilling. They can efficiently process various dry and wet materials such as sand, gravel, ore, and slag.



性能参数/Performance parameters

型号 Model	BY-BR06	BY-BR08
适配挖机 Suitable Excavator	16-24T	25-30T
斗容 Bucket Capacity	1.05m ³	2.2m ³
系统压力 System Pressure	160-250bar	200-300bar
系统流量 System Flow	100L/min	150L/min
筛筒直径 Bucket Diameter	1200mm	1600mm
筛筒深度 Bucket Depth	880mm	1230mm
重量 Weight	1.4T	2.6T

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破碎斗 Crusher bucket

产品特点/Features

壳体90%采用高强度耐磨板制成,挖斗前铲板采用悍达耐磨板,双侧25毫米加厚设计。

90% of the shell is made of high-strength wear-resistant plate, and the front shovel plate of the bucket is made of Hardox wear-resistant plate, with a double-sided 25mm thickening design.

采用意大利原装进口马达,工作稳定高效。

Adopting the motor imported from Italy, it works stably and efficiently.

独特的飞轮设计替代传统的皮带传动,节省维护费用。

The unique flywheel design replaces the traditional belt drive, saving maintenance costs.

粉碎鄂板采用进口悍达耐磨板,经久耐用。

The crushing jaw plate is made of imported Hardox wear-resistant plate, which is durable.

出料口范围15-120mm 可调。

The discharge port range is 15-120mm, adjustable.



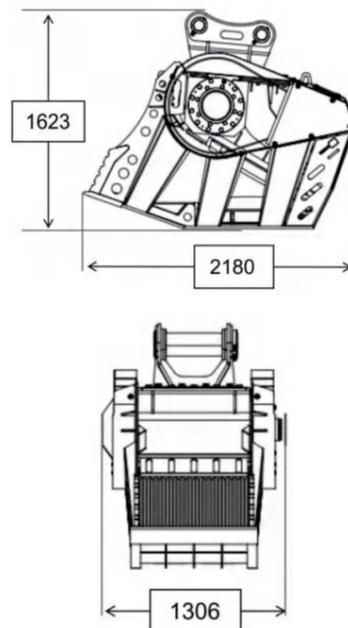
适用范围 scope of application

* 破碎斗广泛用于矿山,采石场,等工作;可粉碎物料:建筑垃圾,沥青,各类矿石,大理石,花岗岩,河卵石等。

Crusher bucket is widely used in mines, quarries, etc.; it can crush materials: construction waste, asphalt, various ores, marble, granite, river pebbles, etc.

性能参数 / Performance parameters

型号Model	BYBC225B	BYBC300
适配挖机 Suitable Excavator	20-24T	24-35T
斗容 Bucket Capacity	0.7m ³	0.95m ³
系统压力 System Pressure	220bar	220bar
系统流量 System Flow	180L/min	200L/min
开口宽度 OpeningWidth	820mm	890mm
开口高度 OpeningHeight	520mm	550mm
重量 Weight	3.3T	3.8T



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贝壳斗 Shell Bucket

产品特点/Features

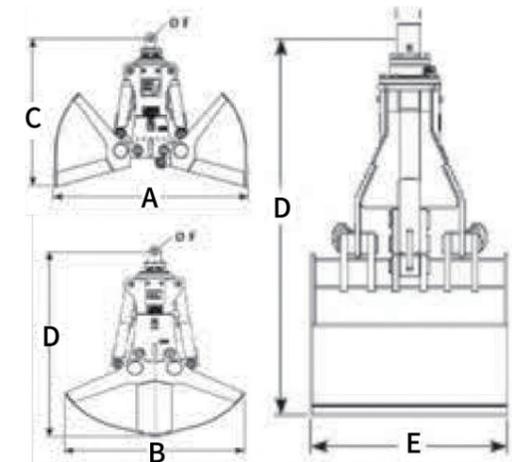
- 1、液压闭合力大,能够保持恒定的闭合挖掘力。安装在小臂端,这可以确保可靠的操作,并利用挖掘铲液压缸的油路向抓斗供油。
- 2、液压缸具有保护功能。夹紧可以保持恒定的夹紧力。
- 3、紧凑的结构设计可以确保较大的承载高度。
- 4、抓手的边缘采用耐磨损高强度板材,从而保证了较长的使用寿命、较宽的枢轴距离和较大的抓握体积。

1. The hydraulic closing force is large, maintaining a constant closing digging force. Mounted at the boom end, this ensures reliable operation and utilizes the hydraulic circuit of the digging shovel's hydraulic cylinder to supply oil to the grab bucket.
2. The hydraulic cylinder has a protective function. Clamping can maintain a constant clamping force.
3. The compact structural design ensures a large load-bearing height.
4. The grab's edges are made of wear-resistant, high-strength plate, guaranteeing a long service life, a wide pivot distance, and a large gripping volume.

适用范围/Scope of application

贝壳斗适用于港口、码头、车站货场、矿山等方面装载各种散货、矿物、煤炭、砂石料、土石方等,也可用于土石方开挖、基础以及沟渠开挖、公路建设、铁轨铺设等工程中。

Shell buckets are suitable for loading various bulk cargo, minerals, coal, sand and gravel, earthwork, etc. in ports, docks, railway freight yards, mines, etc. They can also be used in earthwork excavation, foundation and ditch excavation, highway construction, railway track laying and other projects.



性能参数/Performance parameters

体积 volume	0.5	1	1.5	2	2.5	3
A	1421	2041	2207	2207	2504	2214
B	1191	1898	2028	2028	2135	2097
C	1178	1997	2071	1925	2138	2610
D	1676	2630	2877	2630	2970	3280
E	800	1000	1160	1400	1740	1980
重量 weight	878	1340	1568	2300	2560	2900

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**FOREST
MULCHER**
开荒机

**LAWN
MOWER**
打/割草机

**ROTARY
TILLER**
打耕机

**DITCHING
MACHINE**
开沟机

农机属具设备 Farm Machinery Attachments

开荒机 Forest mulcher

产品特点/Features

开荒机是适配农业、工程、园林等多场景的专用设备，具备动力强劲、性能稳定、地形适配性广、功能全面高效、操作维护便捷、安全防护完备的核心优势，部分机型还支持多设备兼容与智能化作业，能大幅提升荒地开垦、杂草灌木清理等任务效率，远超人工操作。

The land reclamation machine is a specialized equipment suitable for multiple scenarios such as agriculture, engineering, and landscaping. It boasts core advantages such as strong power, stable performance, wide terrain adaptability, comprehensive and efficient functionality, convenient operation and maintenance, and comprehensive safety protection. Some models also support multi-device compatibility and intelligent operations, significantly enhancing the efficiency of tasks such as wasteland reclamation and weed and shrub removal, far surpassing manual operations.

适用范围/Scope of application

开荒机适用于农业、林业、工程、园林、应急防护等领域，可完成荒地开垦、防火隔离带打造、工地清场、景区养护及灾后救援通道清理等作业。

The land reclamation machine is suitable for use in agriculture, forestry, engineering, landscaping, emergency protection, and other fields. It can complete tasks such as reclamation of wasteland, construction of fire prevention isolation belts, site clearance, scenic area maintenance, and post-disaster rescue passage clearance.



性能参数/Performance parameters

型号 Model	单位 Unit	BYG-04	BYG-06	BYG-08
外观尺寸 Operating weight	mm	125*88*100	165*90*115	185*90*135
割幅 Input power	m	1	1.4	1.6
重量 Maximum power	kg	570	650	720
刀片数量 Maximum working pressure	P	24	34	38
马达排量 Flow rate	l/min	12	23/28	63
配套挖机 Cutting speed	t	6-8	10-18	20-23

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打/割草机 Lawn mower

产品特点/Features

切割/粉碎于一体，动力强劲，切割速度快、效率高、安全可靠；锋利刀片，加厚锰钢刀片，经过淬火一体锻压，耐磨防腐蚀；刀片利用液压马达的高速旋转进行切割，切口平整无破节；噪音小，使用方便，使用范围广泛。

Integrating cutting and crushing functions, it boasts powerful dynamics, fast cutting speed, high efficiency, safety, and reliability. The sharp blades, made of thickened manganese steel and forged through quenching, are wear-resistant and corrosion-resistant. The blades utilize the high-speed rotation of a hydraulic motor for cutting, ensuring smooth and seamless cuts. It features low noise, ease of use, and a wide range of applications.

适用范围/Scope of application

割草机适用于庭院、公园、球场、果园、茶园、绿化带及农田等场景，可高效修剪草坪、清理行间杂草，满足不同面积和地形的杂草整理需求。

The lawn mower is suitable for use in various settings such as courtyards, parks, ball fields, orchards, tea gardens, green belts, and farmlands. It can efficiently trim grass and clear weeds between rows, meeting the weed management needs of different areas and terrains.



性能参数/Performance parameters

型号 Model	单位 Unit	BY-04	BY-06	BY-08
长 long	mm	1640	2240	2440
宽 wide	mm	585	700	700
高(不含头) Tall (excluding the head)	mm	600	660	660
工作宽度 working width	mm	1200	1600	1800
刀片组数 number of blade sets	Group	24(48) piece	30(60) piece	30(60) piece
重量 weight	kg	390	780	920
马达流量 Motor flow	L/min	23	48	48
额定转速 rated speed	R/min	2000	2200	2200
适用挖掘机 Applicable excavator	T	(4-9)	(10-16)	(17-23)

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打耕机 ROTARY TILLER

产品特点 / Product characteristics

挖掘机旋耕机是一款实用的农业机械，山地耕地必备，水陆两用，是水田专用旋耕机、农用神器。它能同时完成挖掘、翻耕、平整等作业，碎土能力强、耕后地表平坦，还可切碎根茬。此外，它操作灵活、便于携带，能在不同地形场地作业。

The excavator rotary tiller is a practical agricultural machine, an essential tool for plowing mountainous fields. It is amphibious, serving as a specialized rotary tiller for paddy fields and a must-have implement for farming. This machine can simultaneously perform excavation, plowing, and land leveling operations. It boasts strong soil-crushing capabilities, leaving the plowed surface flat, and can also chop crop stubble effectively. In addition, it features flexible operation and easy portability, enabling it to work on diverse terrains and sites.

产品参数 / Product Parameters

型号 Model	BY1G-1200W	
长度 Length	mm	661
宽度 width	mm	1440
高度 height	mm	800
运输高度 transport height	mm	850
工作宽度 working width	mm	1200
重量 weight	kg	345
流量 flow rate	L/Min	170
压力 pressure	Mpa	19-28
马达转速 motor speed	r/min	600
主机型号 main unit model	T	6~8
工作深度 working depth	mm	200
刀头数量 Number of blades		36



开沟机 Ditching machine

产品特点 / Product characteristics

参数精准，适配性强
开沟宽度 100mm、深度 800mm，机身尺寸仅 1724×612×666mm，重量 93kg，能灵活进入狭窄地块作业。

链条刀齿，作业高效
链条传动 + 密集刀齿设计，碎土能力强，可开挖沟直、壁陡的窄沟（人工/挖掘机难以实现），适用于农田埋管、果园施肥沟、小型管道铺设等场景。

适配灵活，操作便捷
专为迷你滑移装载机设计，动力头输出扭矩达 880N·m，动力充足；整机安装 / 拆卸方便，可快速切换作业功能。

Precise Parameters & Strong Adaptability
With a ditching width of 100mm and depth of 800mm, the machine has a compact size of only 1724×612×666mm and weighs 93kg, allowing it to maneuver flexibly in narrow plots.

Chain-Type Cutters for Efficient Operation
Equipped with a chain drive and dense cutter design, it boasts strong soil-crushing capability. It can dig narrow trenches with straight paths and steep walls (a feat hard to achieve manually or by excavator), making it suitable for scenarios like farmland pipe burying, orchard fertilization trenches, and small-scale pipeline laying.

Flexible Adaptation & Easy Operation
Designed specifically for mini skid steer loaders, its power head delivers a torque of 880N·m for ample power. The whole machine is easy to install and disassemble, enabling quick switching between different operating functions.



型号 Model			
开沟宽度 Ditching width	mm		100
开沟深度 Ditching depth	mm		800
长度 Length	mm		1724
宽度 Width	mm		612
高度 Height	mm		666
重量 Weight	kg		93