



众合重工
KAIPING ZHONGHE



CUSTOMIZATION

EXCAVATOR

LONG BOOM

OUR FACTORY

- DIRECT FACTORY TRADE
- HIGH PRECISION EQUIPMENT
- 15-DAY FAST LEAD TIME
- STRICT PRODUCTION CONTROL

OUR PRODUCTS

- CE AND ISO CERTIFICATES
- OEM ODM CUSTOMIZED PRODUCE
- HIGH-STRENGTH STEEL PLATES
- WELDING SEAM INSPECTION
- RUST PROOF SPRAY PAINT

OUR SERVICE

- ONE-TO-ONE SERVICE
- 24-HOUR ONLINE RESPONSE
- ONLINE INSTALLATION GUIDANCE
- RECEPTION AND FACTORY VISIT



公司简介

开平市众合机械制造有限公司座落于美丽的广东省江门开平市翠山湖新区省一级工业园，是一家集研发、生产、销售一体化的企业。公司凭借专业的技术与设计研发，不断开发符合市场需求的高科技产品，始终站在行业的最前端。

公司目前有 100 多名员工，高级技术人才 30 名，目前具备年加工生产各类型臂的产量可达 600 套的规模。公司拥有 18000 多平方钢结构标准化厂房，大批高精度加工设备，如等离子、数控火焰切割机、先进铣边机、精准落地镗床、立式镗床、大型车床 / 钻床、大型抛丸处理车间、应力消除车间、大型卷板机、高纯度混合气体供气站等。

凭借多年来工程设备制造经验，自主研发、生产挖掘机加长臂、拉山臂、两段式伸缩臂、滑臂、三段式伸缩臂、三段式拆楼臂、岩石臂、隧道臂、液压振动锤、挖斗、打桩臂、抓木器、抓钢机、松土器等工程机械零配件，广泛应用在风化石破碎、地铁修建、林业砍伐、市政管道工程、河道清淤、楼房拆除、拉森钢板桩打拔、桩基工程、废铁回收等工程行业，产品行销 60 多个国家和地区。

公司拥有强大的技术研发团队，已获得 100 多项技术专利，处于行业领先地位。产品采用先进的 2D、3D 辅助设计，通过多方分析设计出更实用、高品质的产品。

“诚信是众合立足之本，品质是众合生存之道，市场是众合效益之源，创新是众合发展之魂，品牌是众合壮大之神。打造“众合”国际品牌，创新属具产业科技！

广东省江门开平市众合机械制造有限公司愿于各界朋友携手共进，共创美好明天！



COMPANY PROFILE

Established in 2018, Kaiping Zhonghe Machinery Manufacturing Co., Ltd. is a combination of manufacturing and trading, specializing in customizing different kinds of excavator boom arms and attachments. Our products, including excavator long reach booms, demolition arms, 2-3 sections telescopic arms, tunnel arms, standard/rock buckets, grapples, and rippers, have been selling well in more than 60 countries and areas.

We are located in Cuishanhu New District, Kaiping City, Jiangmen City, Guangdong Province, China, and we boast a 18000 m² steel structure workshop with a large number of high precision processing equipment and a strong and cohesive team of over 100 experienced technical staff, 50 welding workers with over 7 years experience, 30 senior designers, and a high-tech R&D team(10+ years on customization, 100+ technical patents), strict production system (6+ years quality control and cost control) and warm-hearted service team. Our annual output of various types of excavator boom arms can reach up to 600 sets.

Kaiping Zhonghe Machinery Manufacturing Co., Ltd. are committed to providing our customers with products of the highest quality at a moderate price, with quick response and appropriate warranty. We strive to uphold our core principles of "Merit Quality, Sincerity Management, and Customer Satisfaction".



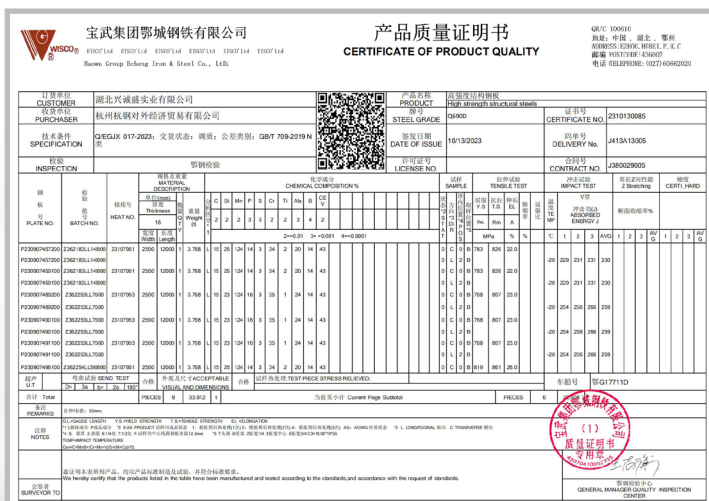
CE 证书
CE certificate



ISO9001
ISO9001



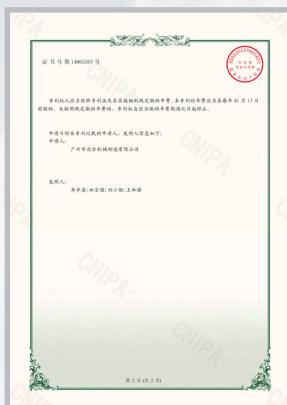
贝壳斗 CE
Clamshell bucket CE



Q690D 材质证明
Q690D material certificate

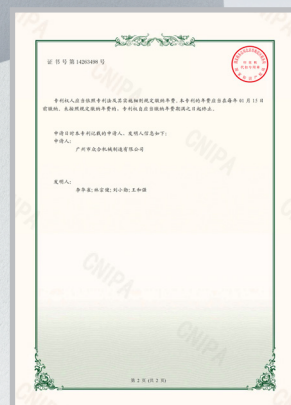


加长臂 CE
long reach arm CE



滑臂专利证书

Sliding arm patent certificate



两段式伸缩臂专利证书
Patent certificate for two-stage telescopic arm

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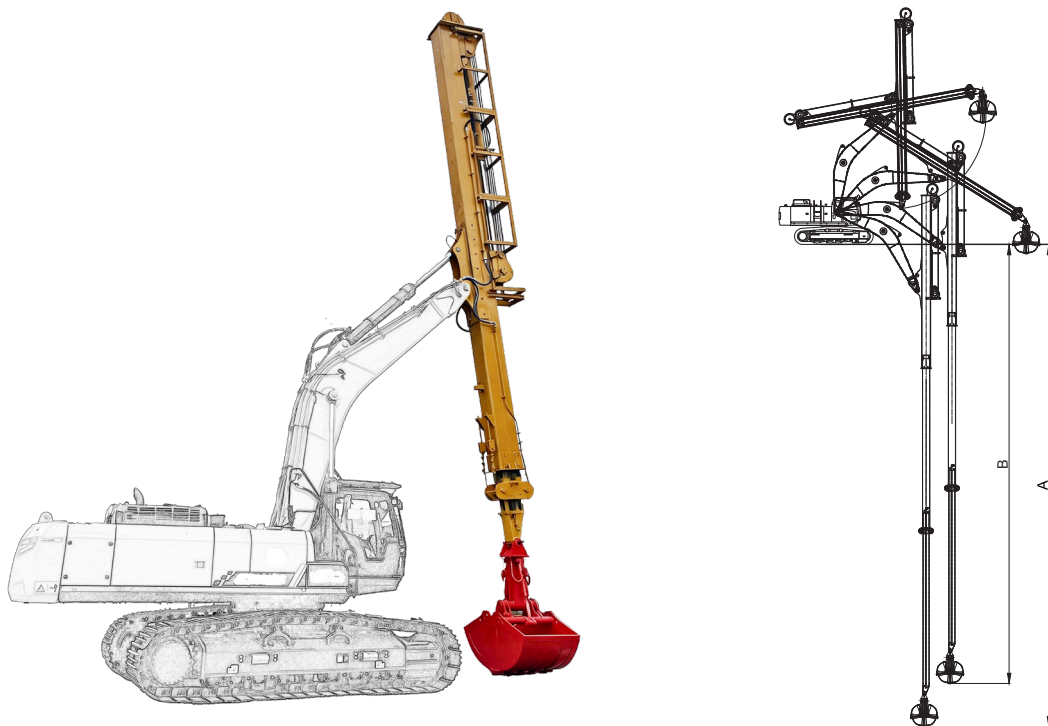
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三段伸缩臂（钢丝绳款）

Three-section telescopic arm (Iron rope type)

- 1、采用 BS900 材质，重量更轻、主机负载更小、更省油、动作更快。
- 2、可选配副绳与挖斗的设计，使伸缩臂不仅能使用抓斗，还能使用挖斗。
- 3、加大滑轮与加粗钢丝绳设计，可承载力度更大，配件使用寿命更长，整体质量更加稳定。
- 4、使用与旋挖同样质量的钢丝绳，采用日本进口轴承，同级别中配置更好。
- 5、独特设计，无需拆臂就可更换钢丝绳与高压软管，维护保养更加简单。

1. BS900 material for lighter weight, lower load, better fuel efficiency, and faster operation.
2. Optional auxiliary rope and bucket design for both grapple and bucket use.
3. Larger pulleys and thicker cables for higher load capacity, longer lifespan, and better stability.
4. High-quality wire rope and Japanese-imported bearings for superior performance.
5. Easy maintenance with wire rope and hose replacement without disassembling the boom.



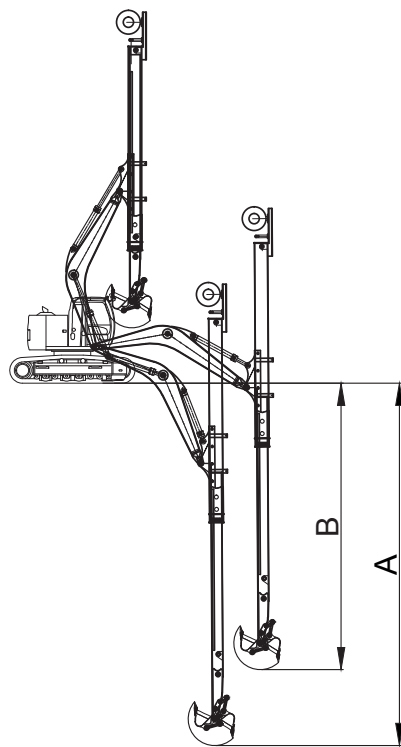
挖机 Excavator(ton)	最大深度 Max Depth(mm)(A)	有效长度 Effective Length(mm)(B)	斗容 Bucket Capacity(cbm)
6-10T	10000	7600	0.2-0.3
11-16T	14000	10500	0.3-0.4
20-25T	18000	15900	0.5-0.6
20-25T	20000	17900	0.4-0.5
30-35T	20000	18000	1.5-1.8
30-35T	25000	23000	1.3-1.5
40-45T	25000	23000	1.4-2.5
40-45T	30000	28000	1.4-2.0

两段伸缩臂

Two-section telescopic arm

- 1、采用 BS700 或 Q690D 材质，整体重量更轻，主机负载更低。
- 2、臂筒外部设计维护专用位置，实现无需拆臂就可以更换伸缩油缸。
- 3、前端设计优化，可以携带更大的挖斗，产生更大的挖掘力。
- 4、内部管路双管设计，避免管路振动造成管路漏油，同时优化设计，管路更换更加简单方便，整体实现无需拆臂就可以更换所有配件。

1. Made of BS700 or Q690D material, offering a lighter weight and lower load on the main machine.
2. External maintenance access for the boom allows for telescopic cylinder replacement without disassembling the arm.
3. Optimized front design for carrying larger buckets and generating greater digging force.
4. Dual internal piping design prevents oil leakage from vibration, simplifies pipe replacement, and enables all components to be replaced without removing the boom.



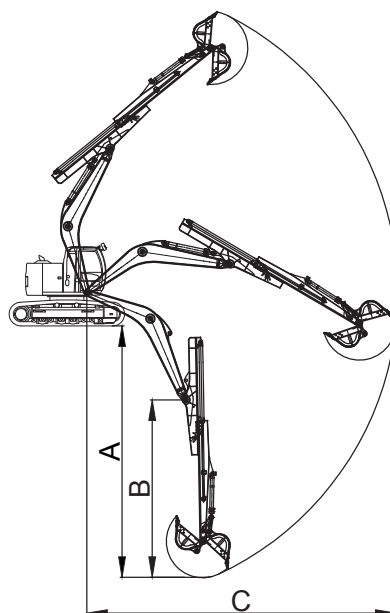
挖机 Excavator (ton)	最大深度 Max Depth (mm)(A)	有效长度 Effective Length (mm)(B)	斗容 Bucket Capacity (cbm)
12-15T	10000	8100	0.2-0.3
20-25T	12000	10000	0.4-0.5
20-25T	14000	12000	0.4-0.5
30-35T	16000	13400	0.8-1.0

滑臂

Sliding arm

- 1、双限位设计，避免伸缩油缸拉缸，同时减少运行振动。
- 2、滑块采用整板切削，非拼焊设计，使用寿命更长。
- 3、滑块内部加入耐磨橡胶，易于更换与维修。
- 4、上下滑板设计钢滑块，避免滑板直接磨损，提高滑板的使用寿命。

1. Double limit design, to avoid the telescopic cylinder pulling cylinder, and at the same time reduce the running vibration.
2. Slider adopts whole plate cutting, non-splice welding design, longer service life.
3. Wear-resistant rubber is added inside the slider, which is easy to replace and maintain.
4. Up and down slide plate design steel slider, to avoid direct wear and tear of the slide plate, improve service life.



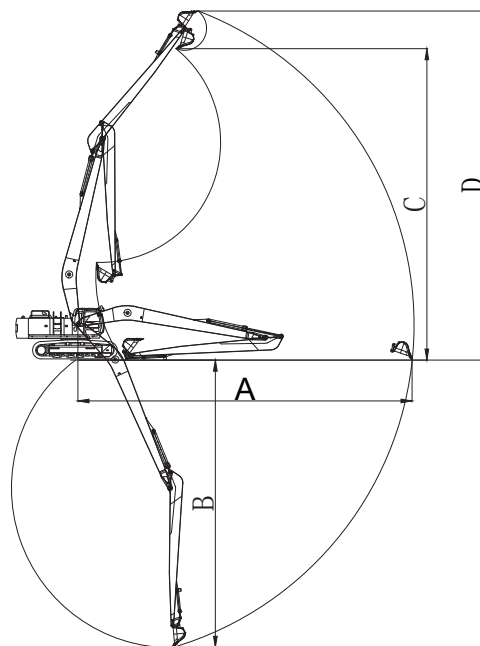
挖机 Excavator (ton)	有效长度 Effective Length (mm)(B)	最大深度 Max Depth (mm)(A)	工作半径 Max Radius (mm)(C)	斗容 Bucket Capacity (cbm)
6-10T	4980	6000	7800	0.2-0.25
12-15T	5640	8000	9800	0.3-0.4
20-25T	8700	10000	13300	0.4-0.5
20-25T	9700	12000	15300	0.35-0.45
30-35T	10000	12000	16700	0.6-0.8
40-45T	12000	14000	18300	0.8-1.2

加长臂

Long reach boom

- 1、根据机型，可定制所需长度。
- 2、根据工况要求，可提供 Q355B\Q550D\Q690D 材质选择，使用石墨铜套、采用国标接头等。
- 3、大小臂打开夹角可达 163 度，挖掘半径与高度远超友商。
- 4、整体焊后镗孔，执行与原装臂一样的精度要求，整体品质更高。

1. Length can be customized.
2. Q355B\Q550D\Q690D material can be provided, using graphite copper sleeve, using national standard joints and so on.
3. The opening angle of the boom and arms can reach 163 degrees, and the digging radius and height far exceed those of competitors.
4. The entire boom arm is post-weld bored, achieving precision comparable to original arms, ensuring superior overall quality.



挖机 Excavator (ton)	总长 Total Length (mm)	大臂 Boom (mm)	小臂 Arm (mm)	工作半径 Max Radius (mm)(A)	最大深度 Max Depth (mm)(B)	最大卸载高度 Max Unload Height(mm)(C)	最大挖掘高度 Max Height (mm)(D)	斗容 Bucket Capacity (cbm)
11-15T	13000	7250	5750	11200	9000	7550	9350	0.15-0.3
20-25T	15400	8220	7180	14500	11300	10400	12600	0.4-0.6
20-30T	18000	10000	8000	17300	13000	11800	14000	0.4-0.7
35-40T	20000	11000	9000	19200	14900	12900	15200	0.6-1.2
40-45T	22000	12000	10000	21300	16000	14000	17000	0.5-1
40-50T	24000	13000	11000	23000	17900	15200	18100	0.5-1.1

打桩臂

Pile driving arm

打桩臂广泛应用于市政工程、三水（生活污水、工业废水、雨水）分流工程、地铁、路桥等项目。

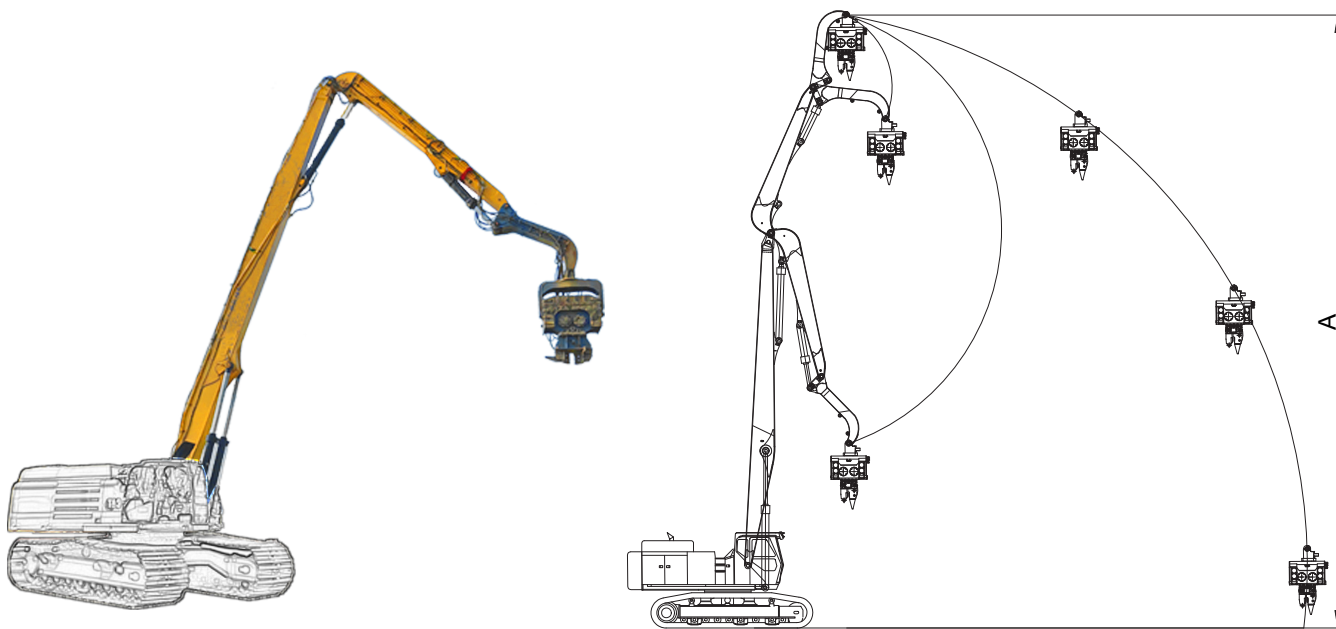
产品优势：大小臂下盖板加厚，箱体内部采用双向加固筋板设计，小臂耳坐受力位置采用分段式加厚板材处理，整体提升了打桩臂的使用寿命。大小臂的打开夹角可以达到 160 度，大臂与底座夹角可以达到 88 度，提升了整体的打拔力度和工作效率。

打桩臂焊后镗孔，精度媲美原装臂，精度更好，提高产品使用寿命！

Pile driving arms are widely used in municipal engineering, three water(domestic sewage, industrial wastewater, rainwater) diversion engineering, subway, road and bridge projects.

Advantages: The thickness of the upper and bottom plate of the boom arm is increased, double reinforcing rib plates are used in the inner body, and the force bearing position of the arm ear is treated with segmented thickened plates, which overall increases the service life of the pile driving arm. The opening angle of the boom and arm can reach 160 degrees, and the angle between the boom and the base can reach 88 degrees, which increases the overall drilling and pulling force and working efficiency.

The pile driving arm will boring after welding , the accuracy is high precision as the original arm to prolong it service life



挖机 Excavator (ton)	总长 Total Length (mm)	大臂 Boom (mm)	小臂 Arm (mm)	打桩高度 Piling Height (mm)(A)	配重 Counterweight (ton)
30-36T	13800	10000	3800	15400	3T
30-36T	15000	10500	4500	17100	5T
40-45T	15800	11000	4800	17900	3T
40-45T	16800	11500	5300	18500	5T-6T
45-50T	19000	12500	6500	21000	6T-7T

三段拆楼臂

Three-section demolition boom

- 1、根据机型与拆除高度，可按需定制长度。

2、根据工况与使用要求，可提供 Q355B\Q550D\Q690D 材质选择，使用石墨铜套。

3、整体管路采用精密无缝管、国标定制加厚接头，氩弧焊接，管路 100% 不会出现漏油。

4、大中小臂打开夹角可达 180 度，大中小臂整体比例合理，实现带锤可回转。

5、整体焊后镗孔，执行与原装臂一样的精度要求，整体品质更高。

6、可提供整套改装设计方案，双联阀、三联阀、配重配比、脚踏开关安装等整体改装服务都可以提供。
1. Customizable length based on machine type and demolition height.

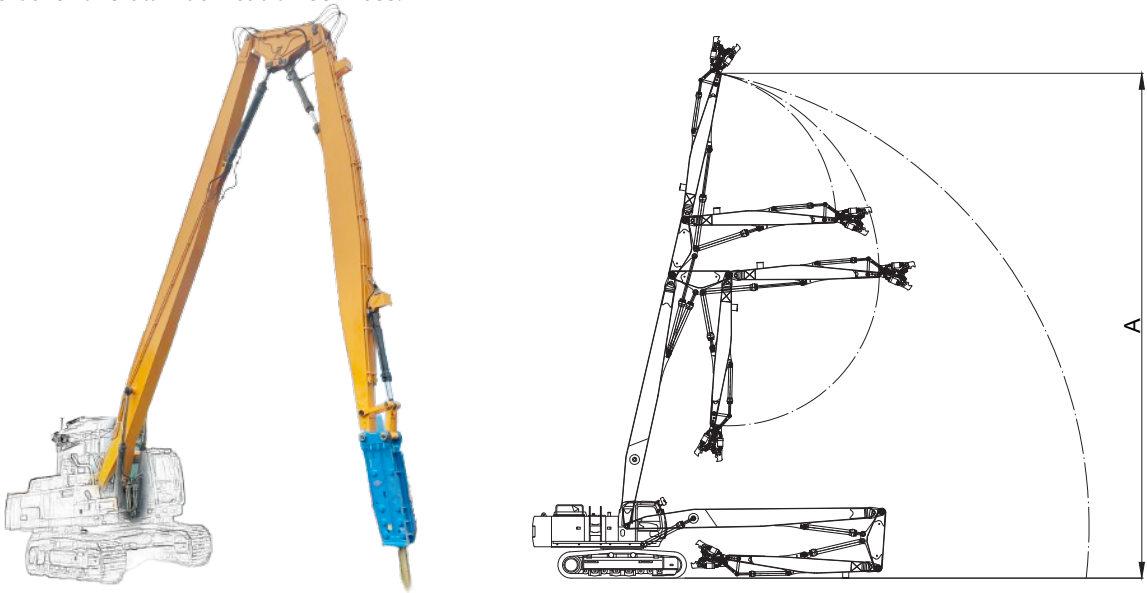
2. Material options (Q355B, Q550D, Q690D) and graphite bronze bushings based on working conditions.

3. Precision seamless pipes with custom thickened joints and argon welding ensure 100% leak-proof performance.

4. The opening angle of the boom arm can reach 180 degrees, the overall proportion is reasonable, and the belt hammer can be rotated.

5. The entire boom arm is post-weld bored, achieving precision comparable to original arms, ensuring superior overall quality.

6. Provide a full set of modification design solutions, including double/triple valves, counterweights, foot switch installation and other overall modification services.



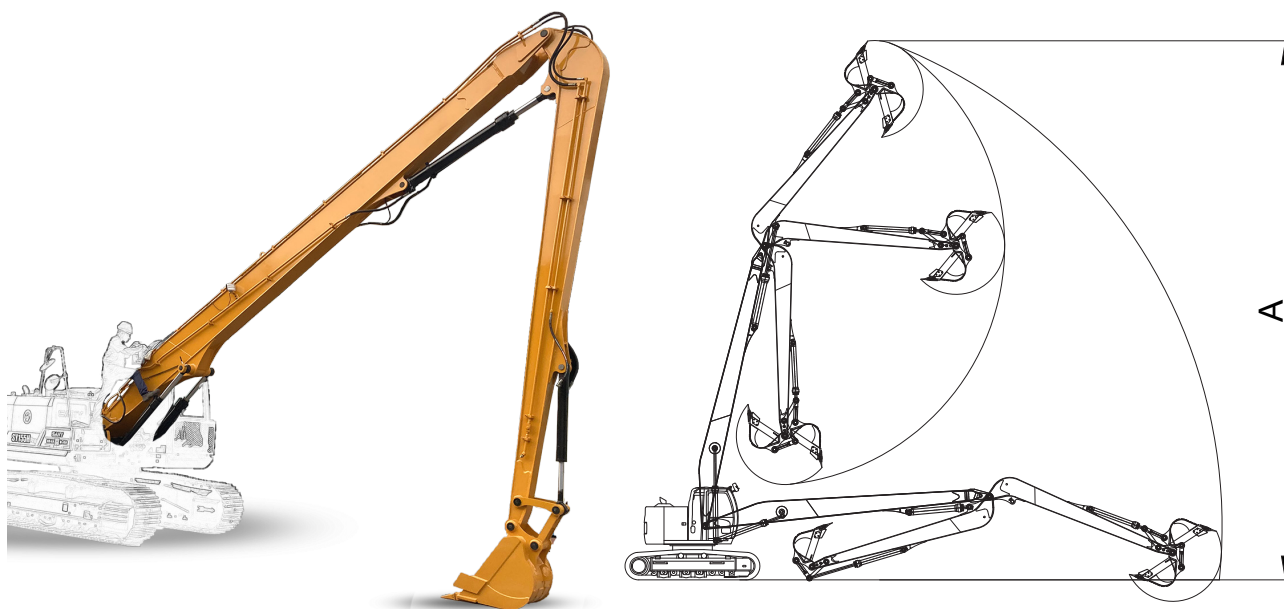
挖机 Excavator (ton)	总长 Total Length (mm)	运输高度 Transport Height (mm)	最大举升高度 Max Lift Height (mm)(A)	油缸 Cylinder (Ton)	配重 Counterweight (Ton)
25T	16000	3160	17500	20T	3T
30T	18000	3300	19200	22T	3.5T
35T	20000	3300	21600	22T	4T
40T	22000	3400	23600	22T	5T
45T	24000	3400	25700	22T	6T
50T	26000	3400	27400	22T	8T
55T	28000	3500	29200	22T	10T
60T	30000	3500	31100	22T	12T

两段拆楼臂

Two-section demolition boom

- 1、可根据机型与工况，提供更加合理的改装方案，实现同等机型可携带更大型号的属具。
- 2、提供材料定制，有 Q355B/Q550D/Q690D 材料可供选择，更高等级材料，臂更轻、整体负载更小、使用寿命更长。
- 3、整体焊后镗孔，执行与原装臂一样的精度要求，整体品质更高。
- 4、大小臂打开夹角更大、可拆除高度更高；大小臂比例匹配更加合理，整体举升速度更快。

1. Custom retrofit solutions based on machine type and working conditions, allowing larger attachments for the same model.
2. Material customization options (Q355B, Q550D, Q690D) for lighter, lower-load booms with longer lifespan.
3. The entire boom arm is post-weld bored, achieving precision comparable to original arms, ensuring superior overall quality.
4. Larger arm angles and higher demolition height; optimized arm proportions for faster lifting speed.



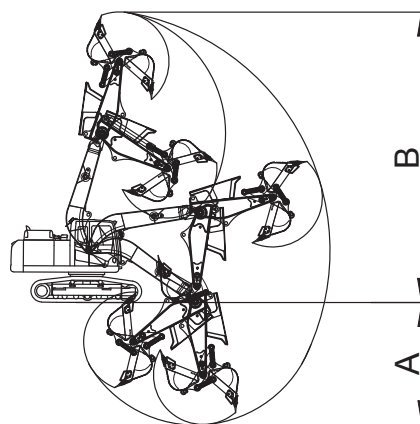
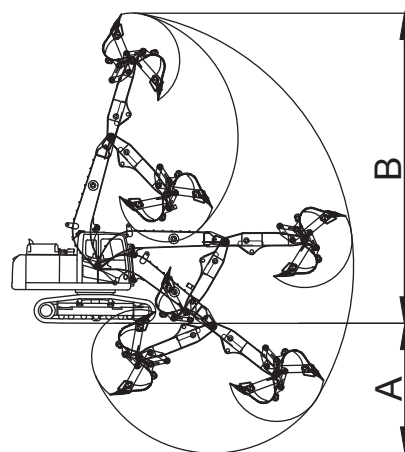
挖机 Excavator (ton)	总长 Total Length (mm)	运输高度 Transport Height (mm)	最大举升高度 Max Lift Height (mm)(A)	破碎锤 Hammer Drill Rod (mm)	油缸 Cylinder (ton)	配重 Counterweight (ton)
6-8	8000	2800	9100	50	6	1
6-8	10000	3000	11000	50	6	1.5-2
10-16	12000	3000	13200	68	12	1-2
20-24	15000	3300	16300	100	20	1-2
25-28	18000	3400	19500	100	20	-
30-36	20000	3400	21600	100	22	2
40-45	22000	3400	23800	100	22	-
45-50	24000	3400	26000	100	22	-

隧道臂

Tunnel arm

隧道臂又称缩短臂，适用于隧道或其他狭隘工况。隧道臂可携带比标准臂大一个型号的破碎锤，增加工作效率。小臂灌入铁砂增重，能够更有力地压住破碎锤减少反弹。下置斗杆油缸，减少油缸的损伤及故障。

Tunnel arm, also known as shorted arm, is suitable for tunneling or other confined work conditions. Tunnel arm can carry a larger model of breaker than the standard arm, increasing work efficiency. The front arm is filled with iron sand to increase weight, which can hold the breaker more firmly and reduce rebound. The bucket cylinder is placed below to reduce damage.



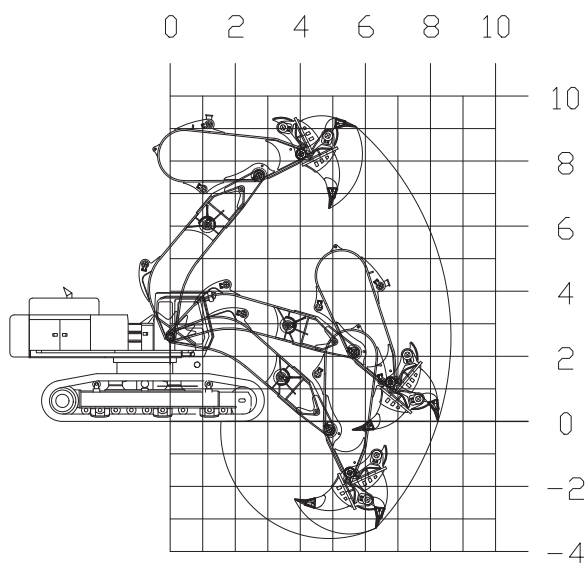
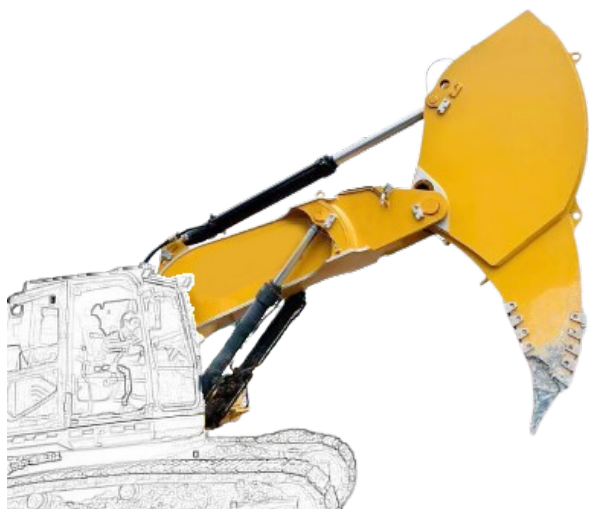
挖机 Excavator (ton)	大臂 Boom (mm)	小臂 Arm (mm)	最大挖掘高度 Max Height (mm)(B)	最大挖掘深度 Max Depth (mm)(A)
6-10T	3300	1760	6900	2430
12-18T	3200	1970	7780	3300
20-25T	3500	2400	9100	3310
30-36T	4200	2520	9820	3950
40-45T	3900	2910	9980	3550

重型岩石臂

Rock boom/arm/Ripper assembly

- 1、整体板材厚度加厚处理，内部灌入高密度金刚砂，整体重量更重，配比合理，可以产生更大的挖掘力。
- 2、加大的斗杆油缸与铲斗油缸，可以承载更大的挖掘力而不出现故障。
- 3、小臂与松土器采用渐变式设计，集中所有的挖掘力于松土器齿尖，破碎效果更好。
- 4、整体焊后镗孔，执行与原装标准臂一样的精度要求，整体品质更高。

1. The overall plate thickening treatment, the internal filling of high-density adamantine, the overall weight is heavier, the ratio is reasonable, can produce more digging force.
2. The enlarged arm cylinder and bucket cylinder can carry greater digging force without malfunctioning.
3. Rock arm and the ripper adopt gradual design, which concentrates all the digging force on the tip of the ripper teeth, and the crushing effect is better.
4. The entire boom arm is post-weld bored, achieving precision comparable to original arms, ensuring superior overall quality.

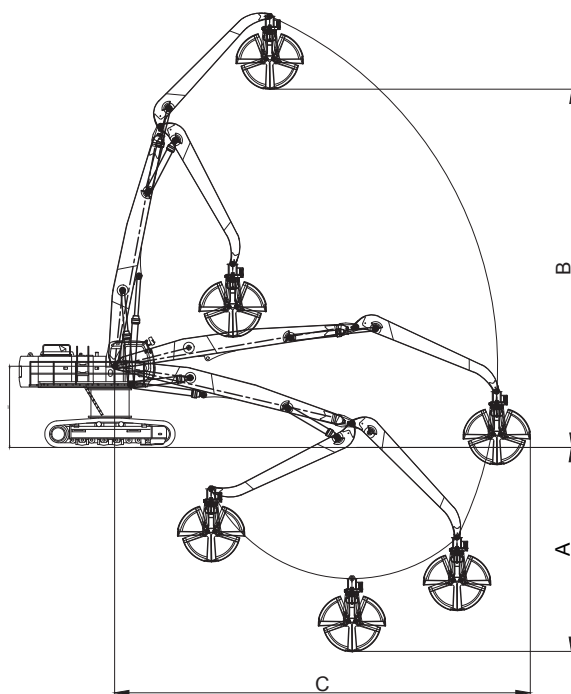


抓料臂

Grabbing arm

抓钢(料)机是一种多用途高效物料处理设备,被广泛用于各大钢厂、港口、堆场、企业仓储中心等场所,完成废钢、散杂货的装卸、堆垛作业,还可进行物料抓取、吊装、切割等作业。

Grasping steel (material) machine is a kind of multi-purpose and efficient material handling equipment, which is widely used in major steel mills, ports, yards, enterprise storage centers and other places to complete the loading and unloading and stacking of scrap steel and bulk cargo, and can also carry out material grasping, lifting, cutting and other operations.



挖掘机 (吨位) Excavator (Ton)	臂架配置 Boom configuration (mm)	最大作业半径 Maximum operating radius (mm) (C)	最大作业高度 Maximum operating height(mm)(B)	最大作业深度 Maximum operating depth(mm)(A)
20-25T	9000	9700	7900	4800
30-36T	14000	14900	11200	10000
40-45T	16000	16100	12400	11300
50-60T	18000	18200	14500	12500

快速连接器

Excavator quick hitch

主要分为两种，一种是普通快接，另一种是倾斜快接。

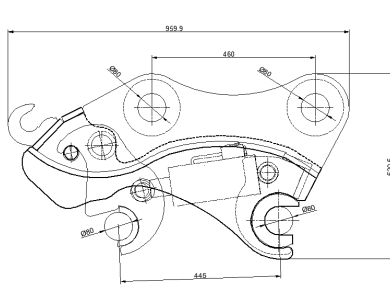
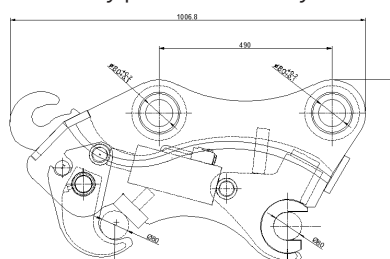
主要特点：

- 1、采用 Q355B 锰板钢材，强度高、耐腐蚀。
- 2、销轴采用 42CrMo 合金钢，强度高、韧性好。
- 3、油缸采用珩磨管，进口 HALLITE 油封，工作周期短、寿命长。
- 4、活动虎口卡簧圆盘保护设计，安全销加粗设计，安全可靠。

There are two types, one is common quick hitch, another one is tilt quick hitch.

Key features:

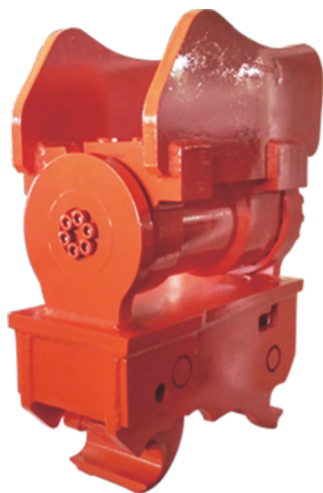
1. Adopt Q355B manganese steel plate, which is featured of high strength and corrosion resistance.
2. The pin is made of 42CrMo alloy steel, which has high strength and good toughness.
3. The cylinder adopts honing tube, imported HALLITE seal, with short working cycle and long service life.
4. The active tiger spring discs protection design and reinforced safety pin ensure safety and reliability.



Model/Item 型号 / 项目	Unit 单位	ZH mini	ZH45	ZH50/55	ZH60/65	ZH70/80	ZH90	ZH100/110
Applicable excavators 适用挖掘机	ton	1.5-4	4-7	5-8	9-19	17-23	23-30	33-45
Weights 重量	kg	25	50-60	80	120-130	280-290	420-430	450-580
Lengths 长度	mm	388	534-545	600	765	924-944	983-1050	1006-1473
Height 高度	mm	246	307	310	388	492	574	558-610
Width 宽度	mm	175	258-263	270-280	353-436	449-483	543-568	606-663
Pin to pin center distance 轴中心距	mm	80-150	230-270	290-360	380-420	460-480	473-540	550-620
Forearm opening 小臂开档	mm	80-140	155-170	180-200	232-315	306-340	375-411	416-469
Cylinder telescopic distance 油缸伸缩距离	mm	170-206	205-275	340-450	340-486	256-390	413-590	520-590
Distance between upper and lower axes 上下轴之间距离	mm	159	195	195	220	275	300	360
Pin diameter 轴直径	mm	25-40	45-50	50-55	60-70	70-80	80-90	90-120
Use pressure 使用压力	kg/cm ²	32-40	32-40	32-40	32-40	32-40	32-40	32-40
Required flow 必要流量	L/min	10-20	10-20	10-20	10-20	10-20	10-20	10-20

倾斜快接

Tilt quick hitch



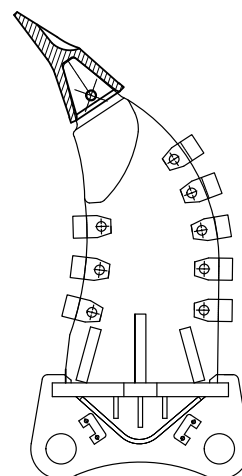
Excavator Model(ton) 挖掘机型号	G.W.(kg) 总重	Hydraulic Oil Flow Rate(L/min) 液压油流量	Work Pressure(bar) 工作压力	Bucket Capacity(cbm) 挖斗容量
6	450	10-20	30-210	0.4
12	750	10-20	30-210	0.6
20	950	10-20	30-210	0.8
30	1200	10-20	30-210	1.4

松土器

Rock ripper

松土器分为单齿与多齿，它的切入能力强，挖掘力集中，斗齿更换方便，同时有效保护松土器主体，延长使用寿命，能够有效的挖掘硬土、风化岩、碎石，方便挖斗的装卸。

Excavator rock ripper has two types, one is single-toothed type, another is multi-toothed type. It has concentrated digging power with easy bucket teeth replacement. What's more, the design ensures that the main body is effectively protected and has longer life-span. Rock ripper has super power in digging hard earth, weathering rock and gravel. Breaking large stones into crushed stones can facilitate the loading and unloading of bucket.



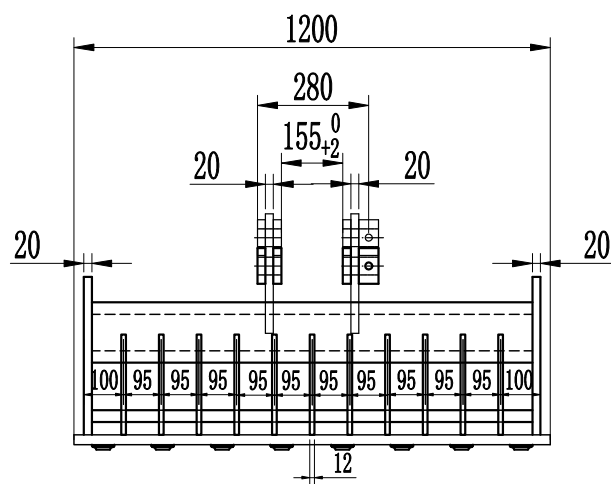
Model(ton) 型号	Item 项目	Material 材质	Weights (kgs) 重量 (kgs)	Width(mm) 宽度	Height(mm) 高度	Lengths(mm) 长度
1.7-3T	ZH-56	Q355B	45	240	470	320
3-4T	ZH-57		60	280	530	360
5-7T	ZH-58		75	290	600	410
8-10T	ZH-59		155	345	720	492
11-12T	ZH-60		245	410	1065	760
13-16T	ZH-61		285	410	1065	760
17-22T	ZH-62		560	533	1355	862
23-28T	ZH-63		635	580	1406	850
29-38T	ZH-64		910	636	1541	930
39-45T	ZH-65		1010	760	1650	974
47-55T	ZH-66		1200	800	1800	1000

耙斗

Root rake

耙斗一般较宽，有 5-8 个齿，可根据工况选择是否带斗齿。主要适用于矿山工程、水利工程的清理作业。

Rakes usually have a wide frame and 5-8 teeth, which can be chosen with or without teeth depending on the working conditions. It is mainly used for cleaning up in mining and water conservancy projects.



Model (ton) 型号 (吨)	Item 项目	Pin Diameter(mm) 销轴直径 (mm)	Width (mm) 宽度 (mm)	Teeth(pcs) 齿数 (pcs)	Tooth pitch (mm) 齿距 (mm)	Teeth Thickness(mm) 齿厚 (mm)	Weights (kgs) 重量 (kgs)	Material 材质
1-2T	ZH-MINI-700	<35	700	6	125	12	72	NM400+Q355B
3-4T	ZH-09-850	40	850	7	123	14	106	
	ZH-09-1200		1200	8	152	16	162	
5-7T	ZH-10-1100	45	1100	12	132	16	218	
	ZH-10-1200		1200	9	132	16	200	
8-11T	ZH-11-1500	50/55	1500	8	190	20	237	
	ZH-11-1800		1800	11	158	20	305	
12-18T	ZH-12-1800	60/65/70	1800	10	172	25	517	
	ZH-12-1800		1800	11	152	25	587	
19-24T	ZH-13-1800	80	1800	11	130	30	910	
	ZH-13-2000		2000	11	167	30	1030	
25-30T	ZH-14-2200	90	2200	12	160	35	1124	
30-38T	ZH-15-2200	90/100/110	2200	10	200	40	1659	
40-50T	ZH-16-2200	110/120	2200	11	154	50	1928	

机械抓钢器 (2 款)

Mechanical grapple

- 主板增加筋板加固，齿尖采用耐磨块，延长使用寿命；
- 加厚 45# 钢管，承受更大的作用力；
- 置防滑块增加工作效率。
- The main board is reinforced with many ribs, and the teeth are made of wear-resistant blocks to extend its service life.
- Adopt robust 45# Cr pin, bearing greater forces.
- Anti-skid blocks are built-in to increase efficiency.

A 款要用 H 连杆，受力均匀。

Type A should use H connecting rod, evenly stressed

B 款无需 H 连杆，直接连接铲斗油缸，力量大。

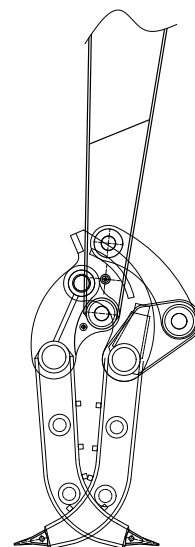
B type does not need the H connecting rod, and is directly connected to the bucket cylinder, which has a large force.



A 款 style A



B 款 style B



机械抓钢器 (款式 A) Mechanical Grapple(Style A)									
Model 型号	3-5T	6-8T	10-16T	17-20T	21-24T	25-30T	31-35T	36-40T	41-45T
Weights (kgs) 重量 (kgs)	300	500	550	950	950	1100	1300	1550	1700
Opening (mm) 开口	1250	1450	1700	1900	2050	2200	2300	2400	2500
机械抓钢器 (款式 B) Mechanical Grapple(Style B)									
Model 型号	3-5T	6-8T	10-16T	17-20T	21-24T	25-30T	31-35T	36-40T	41-45T
Weights (kgs) 重量 (kgs)	300	500	650	1100	1100	1400	1600	1800	2000
Opening (mm) 开口	1250	1450	1700	1900	2050	2200	2300	2400	2500

抓钢 / 石 / 木器

Hydraulic steel/rock/log grab

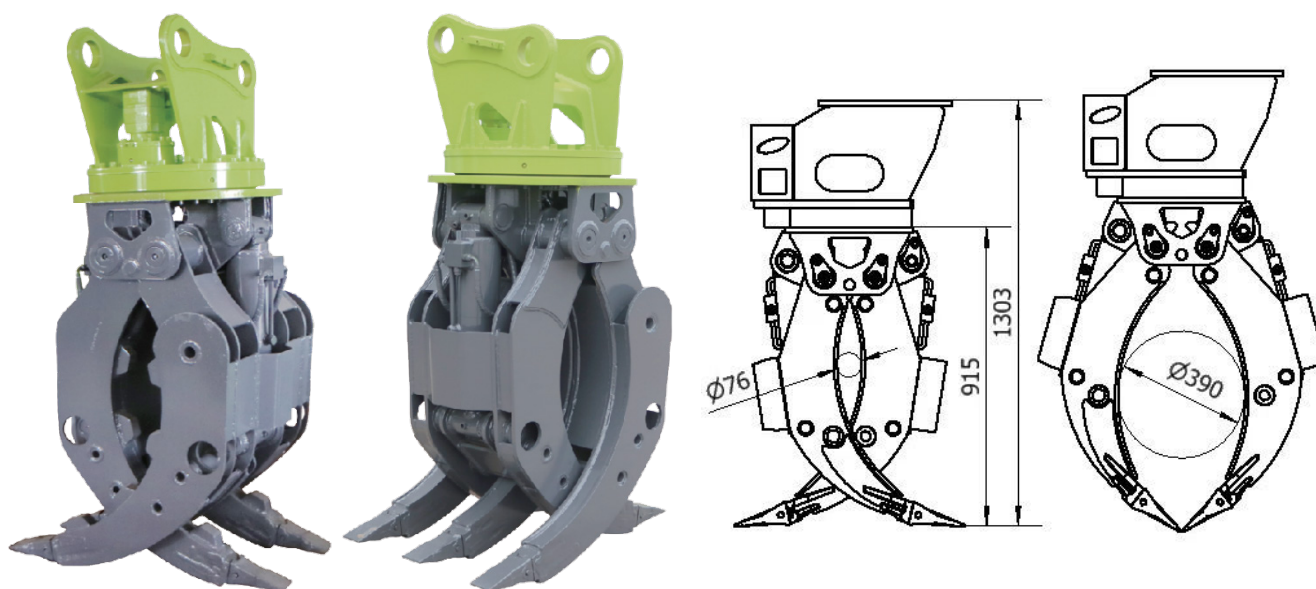
适用对象: 简易松土、清理杂物、装卸等作业。

主要特点: 采用 NM400 钢材, 质量轻、耐磨; 销轴采用 42CRMO 合金钢, 内置油道, 强度高、韧性好; 采用瑞士进口旋转马达; 使用立式铰车马达旋转系统, 360° 旋转, 具有车制动功能; 油缸采用珩磨管, 进口 HALLITE 油封, 工作周期短、寿命长; 抓齿采用锰钼合金材料, 经久耐用。

Applicable objects: simple soil losning, cleaning debris, loading and unloading.

Main features: Made of NM400 steel, lightweight and wear-resistant; The pin is made of 42CRMO alloy steel with an internal oil passage, which has high strength and good toughness;

Adopting Swiss imported rotary motors; Using a vertical car motor rotation system, rotating 360 °, with car braking function; The oil cylinder adopts honing tube and imported HALLITE oil seal, which has a short working cycle and longer service life; The grab teeth are made of manganese molybdenum alloy material, which is durable and long-lasting.



型号 Model	单位 Unit	02	04	06	08	10	14	20
重量 Weight	kg	360	440	900	1680	2130	2600	2800
开口尺寸 Max jaw opening	M/m	1200	1400	1600	2100	2500	2800	2800
工作压力 Oil pressure	Kg/crrt2	160	160	180	180	180	180	200
设定压力 Set up pressure	Kg/cm1	170	180	190	200	210	250	250
工作流量 Operating flux	L/min	30-55	50-100	90-110	100-140	130-170	80-120	80-120
油缸容量 Cylinder Volume	Ton	4.0x2	4.5x2	8.0x2	9.7x2	12x2	12x2	14x2
适用挖掘机 Suitable excavator	Ton	4-6	7-11	12-16	17-23	24-30	31-40	41-50

拆除分拣斗

Sorting Grab

适用对象：各种大型、散装物料装卸或搬运作业。

主要特点：采用 Q345 锰板钢材，强度高、耐腐蚀；销轴采用 42CRMO 合金钢，内置油道，强度高、韧性好；采用瑞士进口旋转马达；油缸采用珩磨管，进口 HALLITE 油封，工作周期短、寿命长。

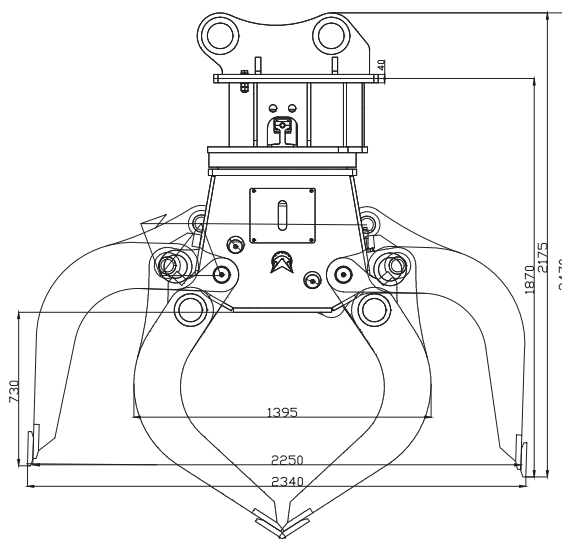
Applicable for: Handling operations involving the loading, unloading, and transporting of various large-scale bulk materials.

Key Features: Constructed with Q345 manganese plate steel for exceptional strength and corrosion resistance.

Robust Pin Material: The pin is made from 42CrMo alloy steel, featuring a built-in oil passage for enhanced strength and excellent toughness.

Swiss-imported Rotary Motor: The rotary motor is imported from Switzerland, ensuring reliable performance.

Superior Cylinder Design: The cylinder incorporates a honing tube and utilizes imported HALLITE oil seals, resulting in shortened working cycles and extended lifespan.



项目 / 型号 Item/Model	单位 Unit	ZH1400	ZH1800	ZH2200
适用挖掘机 Suitable Excavator	ton	6-9	9-16	18-26
重量 Weight	kg	530	1130	1880
高度 Height	mm	1370	1860	2130
宽度 Width	mm	620	850	1100
开口 Opening	mm	1400	1800	2200
驱动压力 Driving Pressure	bar	180	260	320
驱动流量 Driving Flow	lpm	100	100	200-250

抓钳器 / 莲花抓

Orange peel grapple

适用对象：散装石料、钢材、木料等物料的装卸、搬运作业。

主要特点：采用 NM500 钢材，质量轻、耐磨；销轴采用 42CRMO 合金钢，内置油道强度高、韧性好；采用瑞士进口旋转马达，使用立式车马达旋转系统，360°旋转，具有车制动功能；油缸采用珩磨管，进口 HALLITE 油封，工作周期短、寿命长。

Applicable for:

This equipment is designed for efficient loading, unloading, and handling of bulk materials such as stone, steel, wood, and other materials.

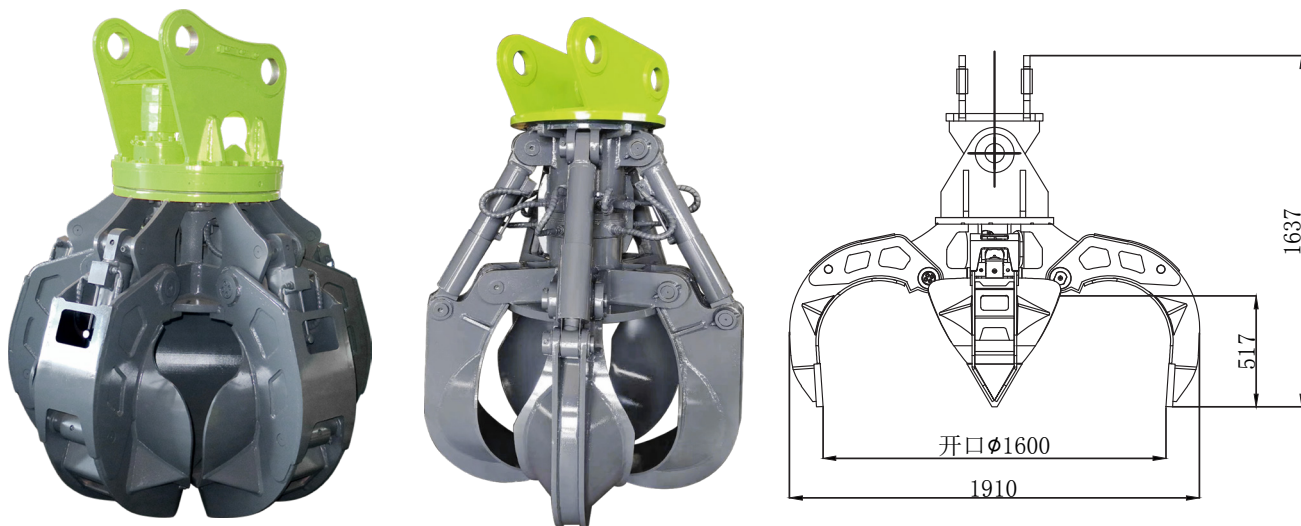
Key features:

Sturdy Construction: The equipment is built with a shed made of NM500, ensuring a lightweight design without compromising wear resistance.

Robust Pin Material: The pin is crafted from 42CrMo alloy steel and incorporates a built-in oil passage. This design enhances its strength and toughness.

Swiss-imported Rotary Motor: The equipment is equipped with a rotary motor sourced from Switzerland. It features a vertical cart motor rotation system, enabling 360-degree rotation and includes a cart brake function.

Superior Cylinder Design: The cylinder adopts a honing tube and employs imported HALLITE oil seals, resulting in a shorter working cycle and a longer operational lifespan.



项目 / 型号 Item/Model	单位 Unit	ZH04A	ZH06A	ZH08A	ZH06B	ZH08B
瓣数 No.of Jaw	piece	4/5	4/5	4/5	4/5	4/5
适用挖掘机 Suitable Excavator	ton	6-9	10-17	18-25	10-17	18-25
重量 Weight	kg	355/420	900/1000	1650/1900	850/1000	1700/1950
最大开口 Max Open Jaw	mm	1200	1600	2050	1900	2500
张口高度 Height of Opened Grapple	mm	1000	1500	1700	1550	2000
工作压力 Working Pressure	bar	200	260	320	260	320
工作流量 Working Flow	lpm	50-100	60-120	200-250	60-120	200-250
容量 Capacity	m ³	0.3	0.4	0.8	0.5	1

拇指斗

Thumb Bucket

主要用途: 该产品主要用于抓取和挖掘，在挖掘机铲斗的基础上增加了抓取功能。它通常用于抓取石头、木材、铁和垃圾。

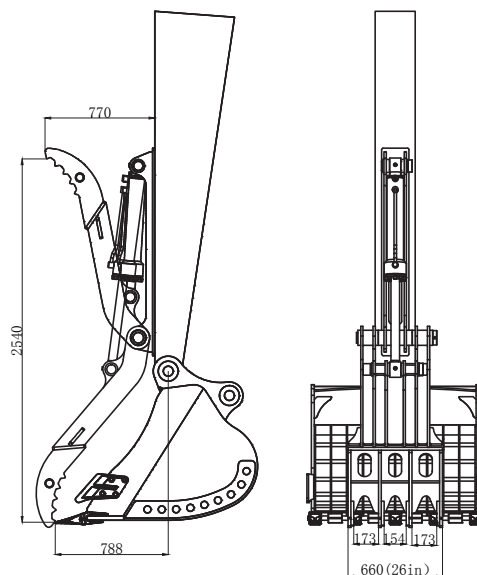
材质选择: 所有部件均采用 Q355B 材质加工生产。

优点说明: 在液压缸位置采用液压单向阀，保证液压缸保持在原位，从而保证产品的安全。

Main Purpose: This product is primarily used for grabbing and excavating, with the addition of a gripping function based on the excavator bucket. It is commonly used for grabbing stones, wood, iron, and garbage.

Material Selection: Q355B material is used for processing and production of all components.

Advantage Explanation: Adopt a hydraulic check valve at the position of the hydraulic cylinder to ensure that the cylinder remains in place, thereby ensuring the safety of the product.



Model 型号	Item 项目	Pin Diameter(mm) 销轴直径	Bucket Width (mm) 挖斗宽度	Opening size (mm) 开口尺寸	weight 重量
<2T	ZH-39-MINI	<35	270	670	90
3-4T	ZH-40-300	40	305	750	169
5-6T	ZH-41-450	45	458	1200	297
6-9T	ZH-42-600	55	600	1365	475
10-18T	ZH-43-600	60/65/70	600	1680	678
19-26T	ZH-44	80	800	1990	1150
27-35T	ZH-45	90/100/110	1100	2500	2100

拇指夹

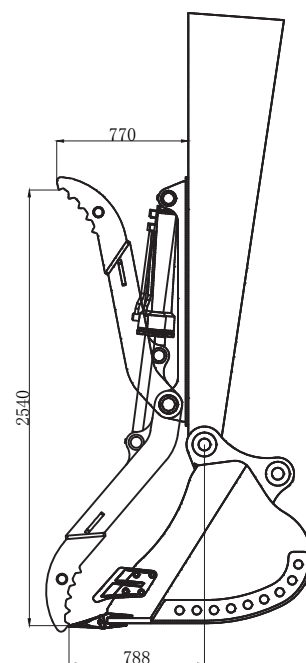
Hydraulic thumb

适用对象：物料抓取辅助作业。

主要特点：采用 Q345 锰板钢材，强度高、耐腐蚀；
油缸采用珩磨管，进口 HALLITE 油封，工作周期短、寿命长。

Applicable object: auxiliary operation for material grabbing.

Main features: using Q345 manganese plate steel, high strength and corrosion resistance;
The oil cylinder adopts honing tube, imported HALLITE oil seal, short working cycle and long life.



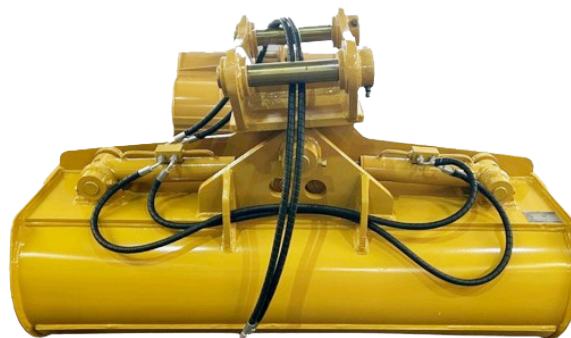
单位 Unit	ZH02	ZH02M	ZH04	ZH04M	ZH06	ZH06M	ZH08	ZH08M
ton	3-5	3-5	6-9	6-9	9-16	9-16	18-26	18-26
mm	500-800	500-800	800-1300	800-1300	900-1500	900-1500	1000-2000	1000-2000
mm	300-600	300-600	400-800	400-800	500-1000	500-1000	600-130	600-130
mm	180-300	180-300	200-280	200-280	250-380	250-380	260-400	260-400
bar	180		180		250		280	
lpm	35-55		50-100		90-110		100-140	

倾斜斗

Tilt bucket

- 1、可倾动铲斗可改变挖掘机铲斗的倾角,无需改变挖掘机位置即可进行作业,减少机械磨损和油耗,提高工作效率。
- 2、采用高强度材料,适用于 4~30 吨各种机型。
- 3、倾斜角度为 0-45 度,如需更大倾斜角度可定制。
- 4、20 吨位以上的挖掘机倾斜斗为双油缸设计,20 吨位以下的则为单油缸设计。

1. The tilting bucket can change the inclination angle of the excavator bucket, and the operation can be carried out without changing the position of the excavator, reducing mechanical wear and oil consumption, and improving work efficiency.
2. Using high-strength materials, it is suitable for various models of 4~30 tons.
3. The tilting angle is 0-45 degrees, it can be customized if a larger tilting angle is needed.
4. Double cylinder tilt bucket for 20+ ton excavator, single cylinder tilt bucket for below 20 tons excavator.



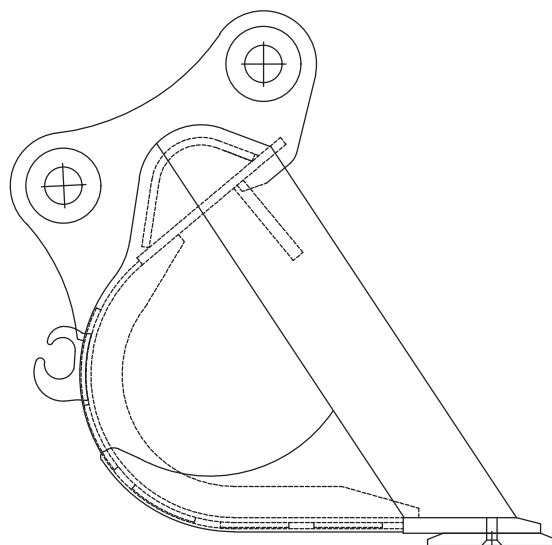
Model 型号	Item 项目	Pin Diameter(mm) 销轴直径 (mm)	Bucket Width (mm) 挖斗宽 (mm)	重量 Weight	材质 Material	备注 Notice
<3T	ZH-MINI-1000	<35	1000	161	NM400+ Q355B	单油缸 单刀板 Single cylinder single blade plate
3T	ZH-32-1200	40	1200	238		双油缸 双刀板 Double cylinder double blade plate
5T	ZH-33-1200	45-50	1200	284		
	ZH-33-1500		1500	310		
6-8T	ZH-34-1200	50-55	1200	395		
	ZH-34-1500		1500	408		
10-18T	ZH-35-1500	60-70	1550	620		
	ZH-35-1800		1800	680		
19-23T	ZH-36-1800	80	1800	1280		
	ZH-36-2000		2000	1350		
25-30T	ZH-37-2000	90	2000	1416		
30-35T	ZH-38-2000	100-110	2200	2100		

清洁斗 / 沟渠斗

Ditch cleaning bucket /Mud bucket

该产品具有宽大的铲面，可以轻松清理垃圾，挖掘沟渠、也可用于平整沟渠底部，从而更容易铺设管道。

This product has a wide scoop, making it easy to clean up rubbish, dig trenches and even level the bottom of trenches for easier pipe laying.



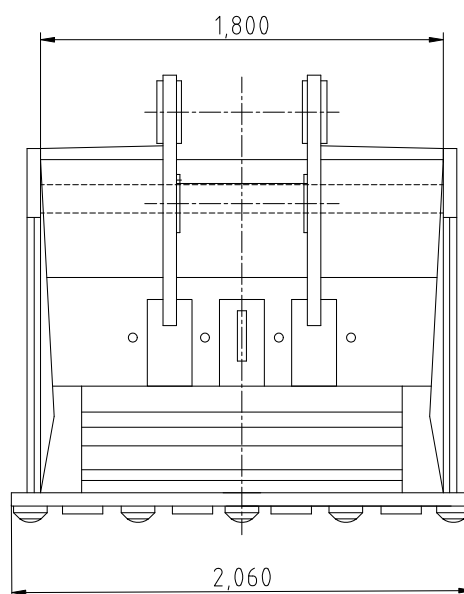
型号 Model	项目 Item	销轴直径 (mm) Pin Diameter(mm)	挖斗宽 (mm) Bucket Width (mm)	容量 (升) Capacity (litres)	重量 Weight	材质 Material
1-2T	ZH-MINI	<35	900	0.1	94	Q355B+NM400
3-4T	ZH-24	40	1200	0.16	184	
5-7T	ZH-25	45	1200	0.2	220	
8-11T	ZH-26	50-55	1500	0.33	297	
12-18T	ZH-27A	60/65/70	1500	0.6	478	
			1800	0.75	522	
	ZH-27B	60/65/70	1500	0.72	676	
			1800	0.8	750	
19-24T	ZH-28A	80	1800	0.91	842	
			2000	1.09	910	
	ZH-28B	80	1800	1.17	1150	
			2000	1.35	1214	
25-30T	ZH-29	90	2000	1.46	1276	
30-38T	ZH-30	90/100/110	2000	1.64	1600	
			2200	1.9	1760	
40-50T	ZH-31	100/120	2200	2.4	2545	

岩石斗

Rock Bucket

我司可根据客户要求和工况，利用 2D、3D 电脑软件设计和模拟，解决应力问题，生产各类品牌挖掘机的挖斗。材料 Q355B、NM400、Hardox500 可选，挖斗的宽度、深度、开口角度、颜色等均可定制，规格从 0.1m³-12m³ 不等。

Our company can design and simulate by using 2D and 3D computer software according to the customer's requirements and working conditions to solve the stress problem and produce buckets of various brands of excavator. Materials such as Q355B, NM400, and Hardox500 are available, and the width, depth, opening angle, color, etc. of the bucket can be customized, with specifications ranging from 0.1m³-12m³.



Excavator Rock Bucket												
Capacity/M3 容量 /M ³	0.5	0.6	0.7	0.8	1	1.2	1.3	1.4	1.5	1.6	1.7	...
Model(ton) 型号 (吨)	10-15T	12-15T	15-18T	18-20T	20T	20-22T	22-25T	30T	30-35T			...
Weight(kgs) 重量	600	750	790	860	1050	1200	1300	1450	1600	1850	1900	...
Material 材质	Q355B Material											

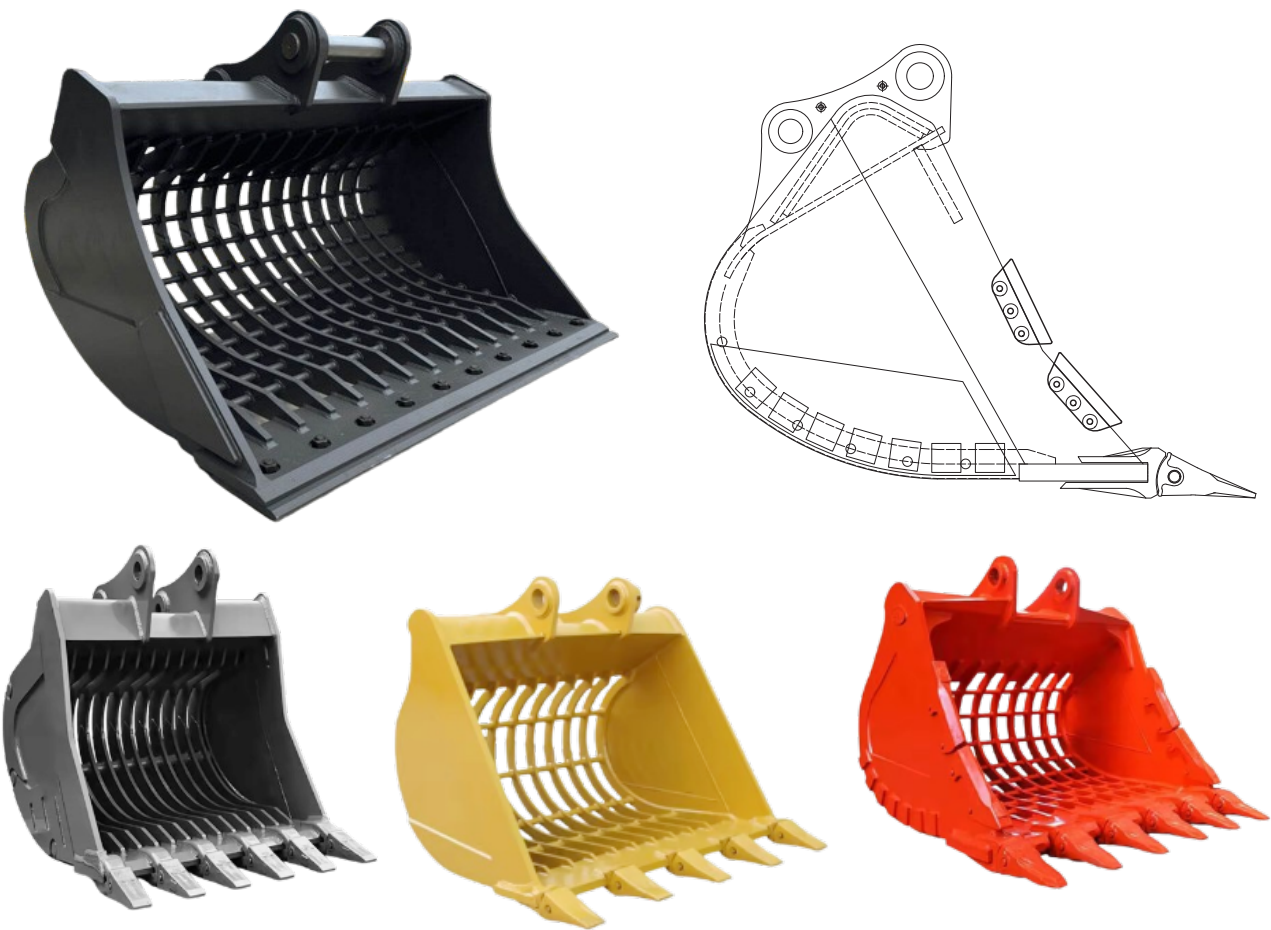
Heavy Duty Rock Bucket												
Capacity/M3 容量 /M ³	1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	2	2.2	2.5	...
Model(ton) 型号 (吨)	20T	20-22T	22-25T	30T	30-35T		35-38T		40-45T			...
Weight(kgs) 重量	1050	1200	1300	1450	1600	1850	1900	2000	2100	2350	2850	...
Material 材质	NM400+Q355B Material											

Mining Rock Bucket												
Capacity/M3 容量 /M ³	1.5	1.6	1.7	1.8	2	2.1	2.2	2.3	2.4	2.5	2.7	...
Weight(kgs) 重量	1450	1600	1750	1950	2050	2200	2350	2500	2650	2750	2900	...
Material 材质	Hardox500+Q355B Material											

栅格斗
Skeleton bucket

设计上与标准斗相似，但其底部为筛网状，底部深，容积大。适用于分离较松散的土和杂质，清理河道等，挖掘和分离工作一次性完成。

The design is similar to the standard bucket, but the bottom is screen-shaped, deep bottom and large volume. It is suitable for separating loose soil and impurities, cleaning rivers, etc. Excavation and separation are done in one go.



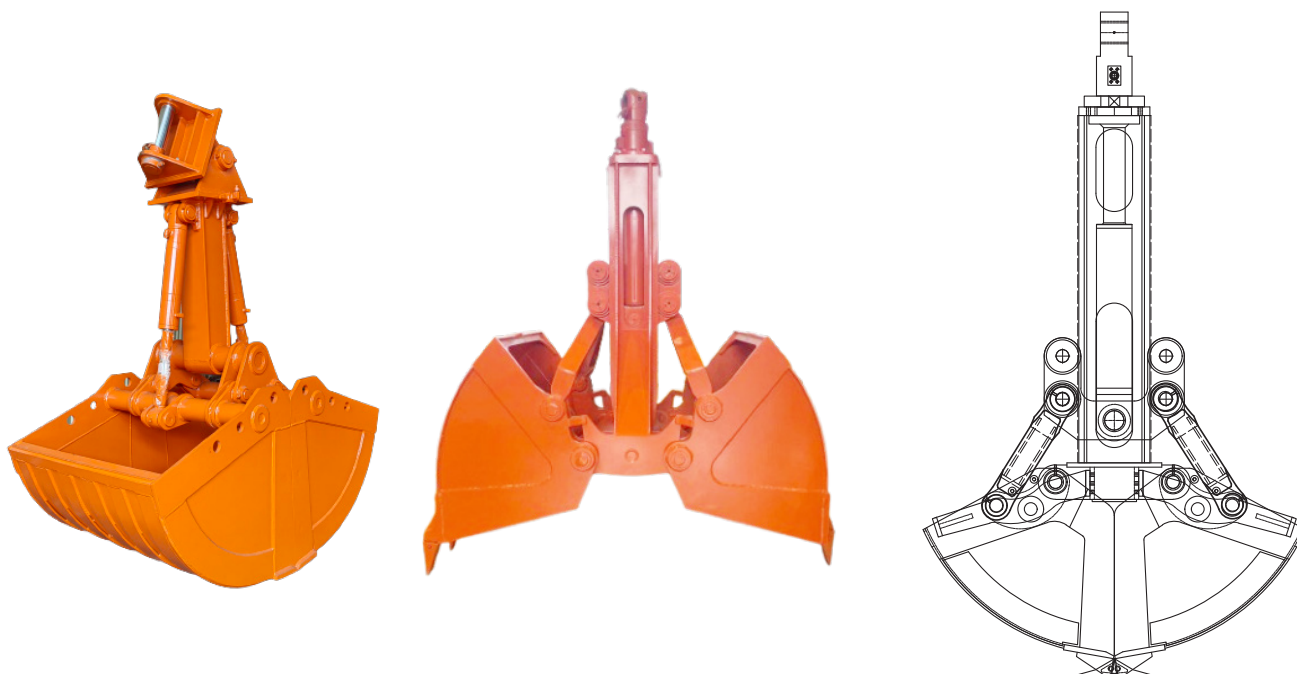
Capacity/M3 规格 /M3	0.5	0.6	0.8	1	1.2	1.4	1.6	1.8	2	2.2	2.5	...
Model(ton) 型号 (吨)	11-12T	12-15T	18-20T	20-22T	22-24T	25-30T	30-35T	36-40T	40-45T	40-45T	45-50T	...
Weight(kgs) 重量	480	580	720	900	1100	1400	1600	1800	2000	2200	2500	...
Material 材质	Q355B Materials (The grid size of skeleton bucket can be customized)											

贝壳斗

Clamshell bucket

贝壳斗开口向下，容量大，允许一次装载较大容量的物料，一般用于装卸肥料、沙土等。

The clamshell bucket opens downward and has a large capacity, which allows a large amount of material to be loaded at one time. It is generally used for loading and unloading fertilizers, sand, other materials.



Capacity/M3 规格 /M3	0.4	0.6	0.8	1	1.2	1.5	1.8	2	2.2	2.5	3	...
Model(ton) 型号 (吨)	10-12T	12-15T	18-20T	20T	22-24T	28-30T	36-38T	40-45T	40-45T	45-50T	50-55T	...
Weight(kg) 重量	400	650	1170	1400	1700	2020	2240	2520	2720	3100	3300	...

O355B,NM400,NM500 material is optional,
Single Cylinder or Double Cylinder is available.

粉碎钳

Hydraulic pulverizer

适用对象: 分离钢筋混凝土等破拆作业。

主要特点: 采用瑞典 HARDOX500 钢材, 质量轻 . 耐磨; 销轴采用 42CRMO 合金钢, 强度高、韧性好; 旋转式采用瑞士进口旋转马达; 油缸采用珩磨管, 进口 HALLITE 油封, 寿命长; 刀块采用耐磨合金钢, 抗高温、耐变形。

Applicable objects: Demolition operations such as separating reinforced concrete.

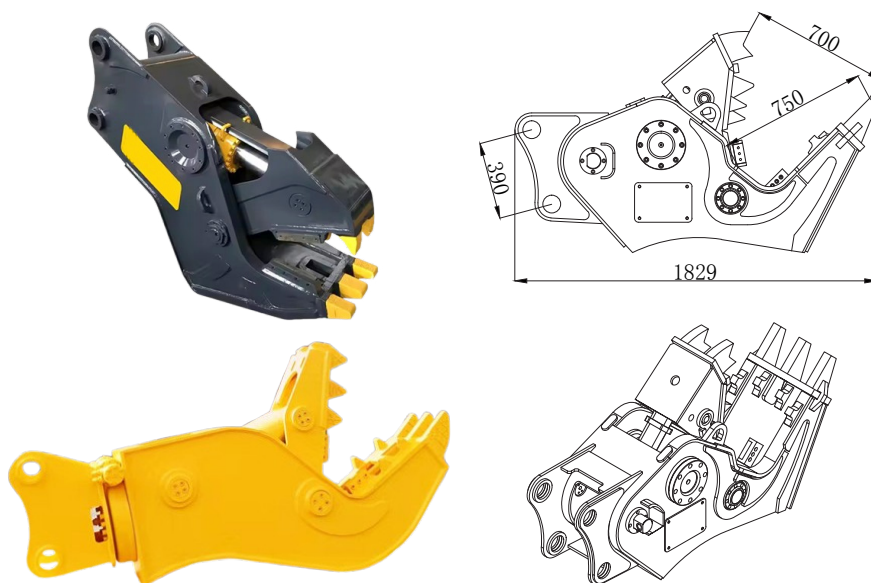
Main features: Made of Swedish Hardox 500 steel, lightweight and wear-resistant;

The pin is made of 42CrMo alloy steel with high strength and toughness;

Rotary type uses Swiss imported rotary motor;

Oil cylinder adopts honing tube, imported HALLITE oil seal, long life;

The knife block is made of wear-resistant alloy steel which is resistant to high temperature and deformation.



项目 / 型号 Item/Model	单位 Unit	小型式 Mini type	铰轴式 Dumpling shaft type				倒置式 inverted type	旋转式 rotatable type			旋转大力式 Rotary Power type
		ZH80M	ZH180D	ZH280D	ZH380D	ZH280C	ZH180X	ZH280X	ZH380X	ZH280E	
适用挖掘机 Suitable Excavator	ton	4-8	9-16	18-30	32-40	18-30	9-16	18-30	32-40	18-30	
重量 Weight	kg	400	800	1600	2100	1600	1100	1900	2500	1600	
开口 Opening	mm	410	570	810	910	880	570	810	910	880	
刀片长度 Blade Length	mm	130	130	230	230	170	130	230	230	170	
高度 Height	mm	1310	1520	2320	2420	2440	1820	2650	2760	2440	
宽度 width	mm	388	600	700	800	500	600	700	800	500	
粉碎力 Crushing Force	ton	40	65	95	120	95	65	95	120	95	
额定压力 Rated Pressure	bar	260	280	300	320	300	280	300	320	300	
额定流量 Rated Flow	lpm	140-160	180-200	220-260	220-280	220-260	180-200	220-260	220-280	220-260	
工作压力 Working Pressure	bar	240	260	280	300	280	260	280	300	280	
旋转马达压力 Rotating Motor Pressure	bar	/	/	/	/	/	90	120	120	120	
旋转马达流量 Rotating Motor Flow	lpm	/	/	/	/	/	30-50	40-50	45-70	40-60	

高空液压剪

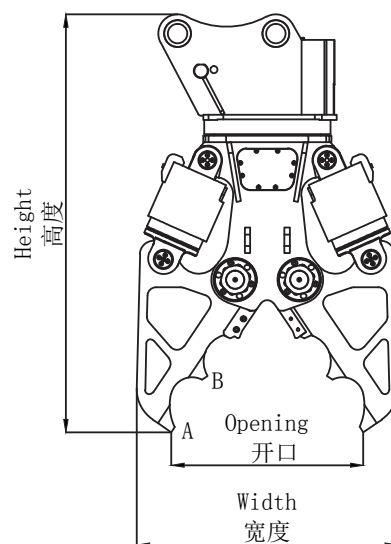
Multi crusher/Multi Shear

适用对象: 楼房拆除、钢材剪切等破碎、剪切作业。

主要特点: 采用瑞典 HARDOX500 钢材, 质量轻、耐磨; 销轴采用 42CRMO 合金钢, 内置油道, 强度高、韧性好; 旋转马达采用瑞士进口马达, 全角度旋转; 油缸采用珩磨管, 进口 HALLITE 油封, 工作周期短、寿命长; 刀块采用耐磨合金钢, 抗高温、耐变形。

Applicable for: Building demolition, steel cutting and other crushing and cutting operations.

Main features : Use Sweden HARDOX500 steel material, light weight. Wear-resistant; Pin adopts 42CRMO alloy steel, built-in oil passage, all of them make it high strength and good toughness; The rotary motor imported from Switzerland and it is full Angle rotation; The cylinder adopts honing pipe, imported HALLITE oil seal and short working cycle to prelong its life time; The cutter block is made of wear-resistant alloy steel, resistant to high temperature and deformation.



项目 / 型号 Item/Model	单位 Unit	小型液压剪 Mini Hydraulic Shear			高空液压剪 Multi Hydraulic Shear			
		ZH10	ZH20	ZH40	ZH80V	ZH180V	ZH280V	ZH380V
适用挖掘机 Suitable Excavator	ton	0.8-1.5	1.5-3.0	4-9	6-10	12-18	20-30	26-35
重量 Weight	kg	135	210	400	360	1280	1600	2000
开口 Opening	mm	290	350	440	390	650	730	810
刀片长度 Opening	mm	100	100	120	100	150	180	180
高度 Height	mm	1000	1055	1330	1280	1890	2010	2120
宽度 Width	mm	660	690	770	850	1285	1350	1500
粉碎力 Crushing Force	ton	20	22.5	50	20	80	100	120
剪切力 Cutting Force	ton	22	26	55	50	165	210	260
驱动压力 Driving Pressure	bar	180	210	260	250	300	300	300
驱动流量 Driving Flow	lpm				180	230	240	240
周期 Cycle Time	张开 Open	sec			2.1	2.9	2.9	2.9
	闭合 Close	sec			2.7	2.7	2.7	2.7

单缸大力剪

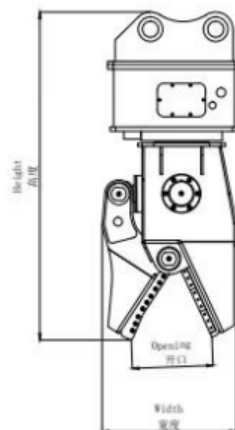
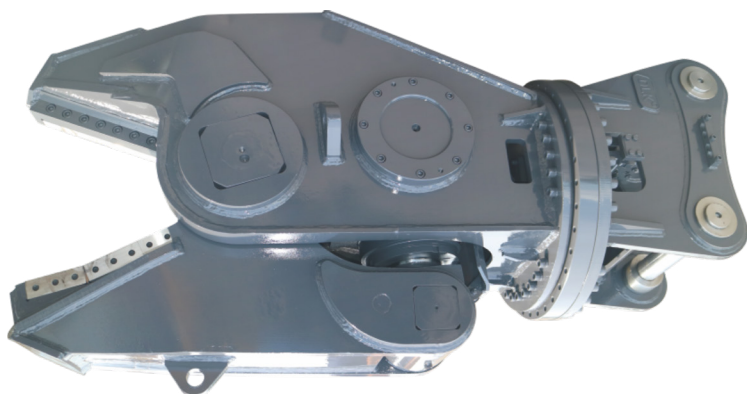
Single cylinder shear

适用对象: 摩托车、面包车、农用机具、轮胎毂分离等交通工具的解体，废钢料进行压缩减容，其他楼房拆除、钢材剪切等破碎、剪切作业。

主要特点: 采用瑞典 HARDOX500 钢材，质量轻，耐磨；销轴采用 42CRMO 合金钢，内置油道，强度高、韧性好；旋转马达采用瑞士进口马达，全角度旋转；油缸采用珩磨管，进口 NOK 油封，工作周期短、寿命长；刀块采用耐磨合金钢，抗高温、耐变形。

Applicable for: Vehicles disintegration such as motorcycles, vans, agricultural machinery, tire hub separation and demolition of other buildings, steel shear and other crushing and shearing operations.

Main features: Use Sweden HARDOX500 steel material, which is light weight and wear-resistant; Pin adopts 42CRMO alloy steel and built-in oil passage to make it high strength and good toughness; Rotary motor imported from Switzerland, which is full Angle rotation; The cylinder adopts honing pipe and imported NOK oil seal, it short working cycle to prolong sever life; The cutter block is made of wear-resistant alloy steel, resistant to high temperature and deformation.



项目 / 型号 Item/Model	单位 Unit	ZH80T
适用挖掘机 Suitable Excavator	T	6-9
重量 Carrier Weight	kg	550
开口 Opening	mm	376
刀片长度 Blade Length	mm	110*6
高度 Height	mm	1531
宽度 width	mm	626
驱动压力 Driving Pressure	bar	250
驱动流量 Driving Flow	lpm	80-150
剪切力 (A) Piercing Force metric ton	ton	80
周期 Cycle Time	张开 Open	sec 2.1
周期 Cycle Time	闭合 Close	sec 2.7

大力剪 (Vigorous Scissors)			
项目 / 型号 Item/Model	单位 Unit	ZH300	
适用挖掘机 Suitable Excavator	T	25-35	
重量 Carrier Weight	kg	3050	
刀片长度 Opening	mm	2-3*210	
驱动压力 Driving Pressure	kgf/cm	300	
驱动流量 Driving Flow	lpm	230-280	
开口 Opening	mm	645	
剪切深度 Cutting Deepth	mm	588	
最大加割力 Maximum Cuntting Force (刀片中间位置) (blade middle)	ton	300	
可剪切物料规格	mm	50	
圆钢 Cutting Size For Steel Rod (Diameter)	mm	50	
可剪切物料规格槽钢 Cutting Size For Channel	mm	380*100*16	
可剪切物料规 H 型钢 Cutting Size For H-Beams	mm	200*200*8	
可剪切物料规格	mm	160*6	
工字钢 A Cutting Size For I-Beams A	mm	160*6	
可剪切物料规格角钢 Cutting Size For Angle Iron	mm	130*130*9	
可剪切物料规格钢板 Cutting Size For Steel Plate	mm	16	
周期	张开 Open	sec	2.5
Cycle Time	闭合 Close	sec	4.3

双缸大力剪

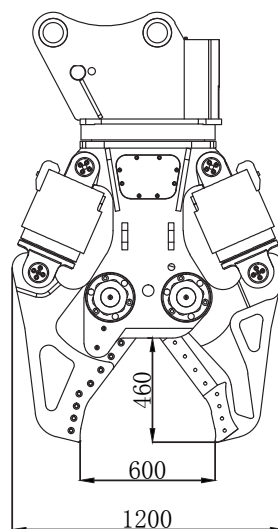
Double cylinder shear

适用对象: 钢架结构和汽车大梁的切割及破碎, 废旧汽车、废旧金属制品的拆解工作。

主要特点: 采用双油缸和同步机构, 强大剪切力与轻重量的组合; 旋转马达采用瑞士进口马达, 全角度旋转; 油缸采用珩磨管, 进口 NOK 油封, 工作周期短、寿命长; 刀块采用耐磨合金钢, 抗高温、耐变形。

Applicable objects: cutting and crushing of steelframe structures and automobile beams, dismantling of scrap automobiles and scrap metal products.

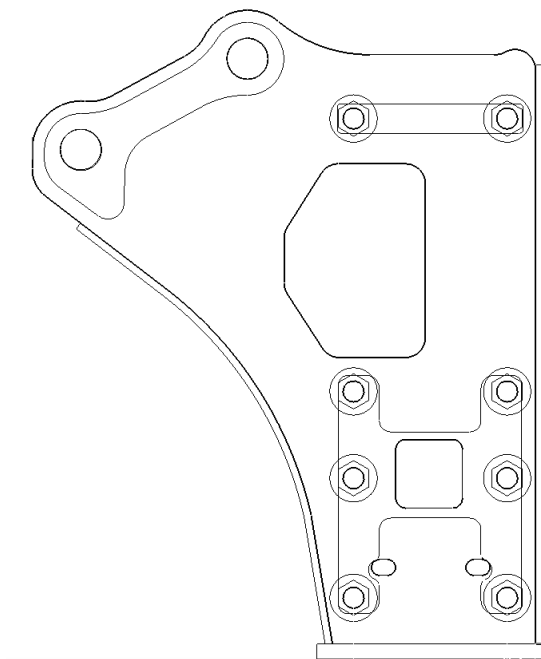
Main features: Double oil cylinders and synchronization mechanism are adopted, combining strong shearing force and light weight. The rotating motor adopts the Swiss imported motor, which rotates in full angle; The oil cylinder adopts honing tube and imported NOK oil seal, short working cycle and long life; The knife block is made of wear-resistant alloy steel, which is resistant to high temperature and deformation.



项目 Item/ 型号 Model	单位 Unit	ZH40F	ZH50F	ZH80F	ZH180F	ZH280F	ZH380F
适配挖掘机 Suitable Excavator	ton	3-4	4-5	6-8	12-18	20-30	a: 33+/b: 24+
重量 Weight	kg	330	450	800	1540	2800	a: 4300/b: 4800
驱动压力 Driving Pressure	bar	24	24	27	300	320	320
驱动流量 Driving Flow	L/min	40-60	60-80	80-150	180-250	230-280	260-350
开口 A Opening A	mm	225	375	505	680	740	800
剪口深 B Cutting Depth B	mm	180	280	400	500	550	650
全长 C Full Length C	mm	1120	1310	1570	1950	2207	a: 3200/b: 4000
刀片长度 D1/D2 Blade Length D1/D2	mm	165+103	205+155	260+175	325+210	350+260	350+360
中央剪切力 Shear Force	ton	37	50	62	106	156	250
前端剪切力 Shear Force	ton	24	32	43	73	100	150
张开周期 Open Cycle Time	sec	1.8	2	2.1	2.4	2.5	2.8
闭合周期 Close Cycle Time	sec	3.6	3.8	3.8	4.1	4.3	4.5

三角破碎锤

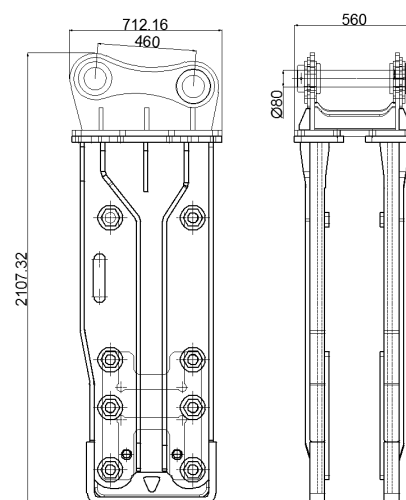
Hydraulic Triangular Hammer



项目 / 型号 Item/Model	单位 Unit	ZH200S	ZH400S	ZH600S	ZH800S	ZH900S	ZH1600S	ZH1900S	ZH3500S	ZH4500S	ZH5000S	ZH5500S	ZH6500S	ZH7000S
重量 Weight	kg	90/100	320	380	510	765	1668	1805	2700	2755	3910	4135	4650	5860
长 Length	mm	1100	1347	1528	1920	2260	2695	2810	3152	3310	3400	3400	3420	3700
压力 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
流量 Flux	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
频率 Rate	bmp	700-1200	500-900	500-800	400-700	400-700	400-700	400-600	250-400	250-350	200-350	200-250	180-200	120-200
软管直径 Hose	inch	1/2	1/2	1/2	3/4	3/4	1	1	1	1¼	1¼	1¼	1¼	1¼
钎杆直径 Chisel	mm	45/53	68/70	75	85	100	135	140	155	165	175	185	195	210
适配 Suit	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

直角破碎锤

Top type hydraulic breaker



静音破碎锤

Box type hydraulic breaker



项目 / 型号 Item/Model	单位 Unit	ZH200S	ZH400S	ZH600S	ZH800S	ZH900S	ZH1600S	ZH1900S	ZH3500S	ZH4500S	ZH5000S	ZH5500S	ZH6500S	ZH7000S
重量 Weight	kg	100/120	390	421	577	973	1855	1989	2950	3160	4210	4720	4910	6100
长 Length	mm	1100	1347	1528	1920	2260	2695	2810	3152	3310	3400	3400	3420	3700
压力 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
流量 Flux	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
频率 Rate	bmp	700-1200	500-900	500-800	400-700	400-700	400-700	400-600	250-400	250-350	200-350	200-250	180-200	120-200
软管直径 Hose	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 1/4
钎杆直径 Chisel	mm	45/53	68/70	75	85	100	135	140	155	165	175	185	195	210
适配 Suit	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

打桩机

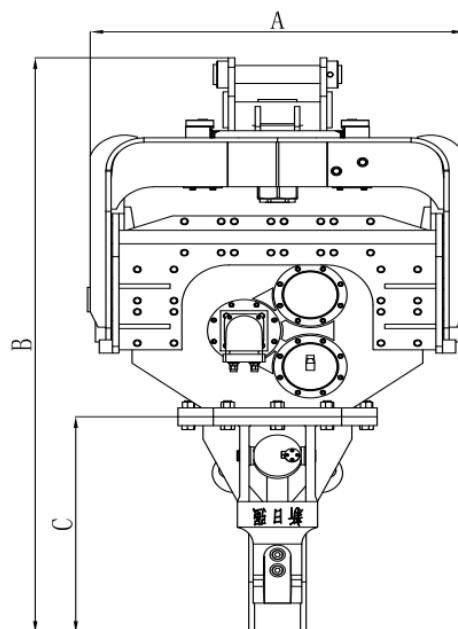
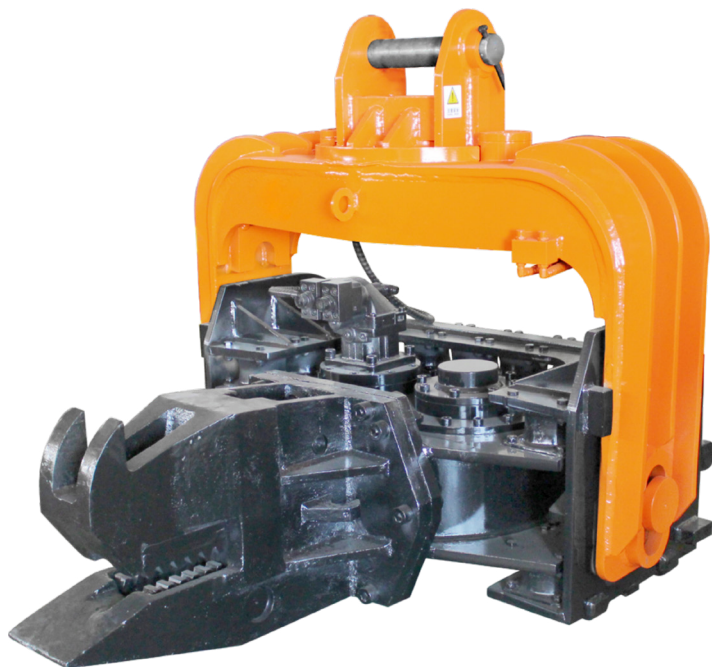
Pile hammer

液压振动锤主要由四个部分组成：吊臂总成，吊架总成，箱体总成，夹头总成。

主要用于打桩，如钢筋混凝土桩、钢板 U 型桩等，打入地下以加固地基、支撑结构或固定建筑物，广泛应用于建筑、桥梁工程、港口码头、隧道、水利、电力等领域。

The hydraulic vibratory hammer consists of four main components: Boom Assembly, Frame Assembly, Housing Assembly and Clamp Assembly.

Mainly used for piling, such as put reinforced concrete pile, steel plate U-shaped pile into the ground to strengthen the foundation, then can support structure or fixed buildings, It is widely used in construction, bridge engineering, port wharf, tunnel, water conservancy, electric power and other fields.



项目 / 型号 Item/Model	单位 Unit	ZH150	ZH250	ZH330	ZH350	ZH450
适用挖掘机 Suitable Excavator	ton	12-17	18-25	30-40	40-50	40-65
偏心力矩 Eccentric Moment	Nm	32	36	50	65	85
振频 Frequency	rpm	2500	2800	2800	2800	2800
离心力 Centrifugal Force	kN	172	265	420	580	750
工作压力 Working pressure	bar	300	300	320	320	320
使用油量 Oil Flow	L/min	120	155	168	210	255
最大旋转角度 Max Turning	Degree	180	180	180	180	180
主机 Main Body	kg	1300	1900	2650	2900	3000
重量 Weight 附臂 Extension Boom	kg	260	400	650	650	650
总重 Total Weight	kg	1560	2300	3550	3550	3650

压实轮

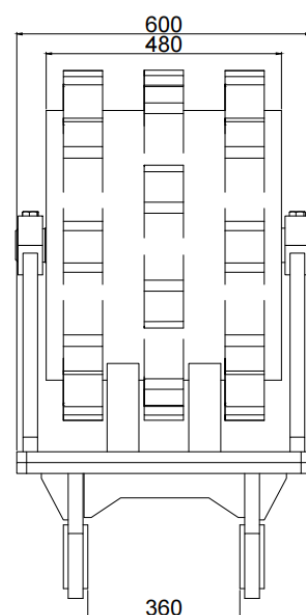
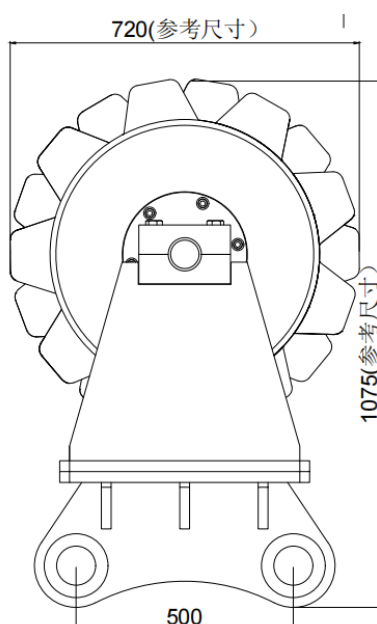
Compaction wheel

主要材料采用 NM400 材质和 Q355B 材质。

主要的用途是土壤的干湿分离、土壤铺层、砾石、碎石的压实作业，大型压实机械到不了的地方。路基、基坑底层回填土的压实；含水量较大、力度大小不一的土层、填方压实效果较好。

The main materials are made of NM400 material and Q355B material.

The main used for used for dry and wet separation of soil, soil layup, compaction of gravel and crushed stone, where large compaction machinery cannot reach. Subgrade, foundation pit bottom backfill compaction; The soil layer with higher water content and different strength has better compaction effect.



项目 / 型号 Item/Model	单位 Unit	ZH520	ZH620	ZH720	ZH820
适用挖掘机 Suitable Excavator	ton	6-9	9-16	18-26	26-35
重量 Weight	kg	310	485	720	1150
高度 Height	mm	797	930	1075	1240
宽度 Width	mm	440	512	600	700
长度 Length	mm	520	620	720	820

振动夯

Hydraulic Plate Compactor

振动夯使用范围：

- 1、适用于沟渠、斜坡、台阶及复杂地形夯实、打拔桩、破碎等作业。
- 2、工作角度和环境，普通压路机无法通过的地质地貌，最佳之选。
- 3、对于管道铺设，实现一机多用，既能实现挖掘功能，同时也能实现夯实填充功能！

产品主要特点：

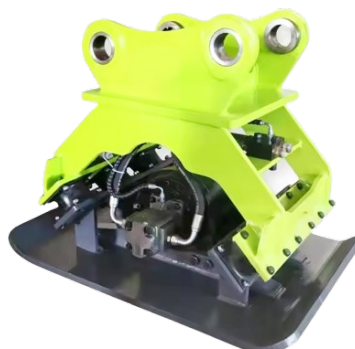
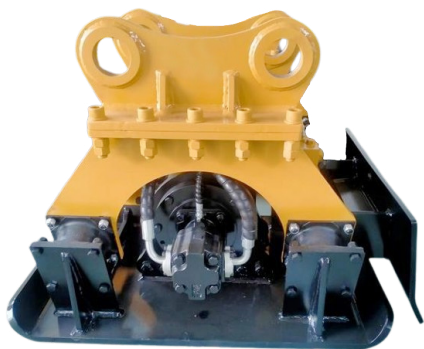
- 1、采用 Q345 板钢材，强度高、耐腐蚀；
- 2、销轴采用 42CrMo 合金钢，内置油道，强度高、韧性好；
- 3、马达使用美国进口液压振动马达，坚固耐用；
- 4、轴承使用德国进口 FAG 轴承，噪音低、安全可靠；
- 5、减震块采用韩国 Autox，韧性好、耐疲劳。

Hydraulic Plate Compactor use scope:

1. suitable for ditches, slopes, steps and complex terrain tamping, pile driving, crushing and other operations.
2. Working angle and environment, ordinary road roller can not pass the geological terrain, the best choice.
3. For pipeline laying, realize one machine multi-purpose, can realize the excavation function, but also can realize the tamping and filling function!

Product main features:

1. The use of Q345 plate steel, high strength, corrosion resistance;
2. The pin is made of 42CrMo alloy steel with built-in oil channel, high strength and good toughness;
3. Motor using U.S. imported hydraulic vibration motor, firm and durable;
4. Bearing using Germany imported FAG bearings, low noise, safe and reliable;
5. Shock absorbing block adopts Korea Autox, good toughness and fatigue resistance.



项目 / 型号 Item/Model	单位 Unit	ZH02	ZH04	ZH06	ZH08	ZH10
适用挖掘机 Suitable Excavator	ton	3-5	6-9	9-16	18-26	26-35
打击力 Power of Impulse	ton	3	5	10	15	15
最大振动次数 Maximum Vibration	r/min	1800	1800	1800	1800	1800
工作流量 Working Flow	lpm	70	70	140	176	176
工作压力 Working Pressure	bar	100-130	100-130	120-150	120-180	120-180
重量 Weight	kg	200	325	560	900	950
打击面积 Bottom Measurement	L*W,mm	735*470	900*550	990*700	1320*885	1718*1000
高度 Height	mm	620	676	845	1060	1100
宽度 Width	mm	470	550	700	885	1000

螺旋钻机

Earth Auger

液压螺旋钻机分四部分组成：连接架，驱动头，钻杆，油管。

产品主要特点：

- 1、液压螺旋钻机，高效旋转，专业成孔。
- 2、EATON 马达，持久耐用，省心省力。
- 3、三种钻杆，适用各种土质。
- 4、全系列型号匹配各种装备、挖机、滑移装载机、吊机、两头忙、拖拉机等。

Hydraulic earth auger is composed of four parts: connecting frame, driving head, drilling rod and oil pipe.

Product main features:

1. Hydraulic earth auger, high efficiency rotation, professional hole making.
2. EATON motor, durable and labor-saving.
3. Three kinds of drilling rods, suitable for all kinds of soil.
4. A full range of models to match a variety of equipment, excavators, skid steer loaders, cranes, two busy, tractors and so on.



型号 Model	单位 Unit	ZH3500	ZH5000	ZH6000	ZH8000	ZH15000	ZH25000	ZH65000
适配重量 Suitable weight	T	2.5-4.5	4.5-7	7-10	8-12	13-17	15-23	30-50
最大扭矩 Maximum torque	N.m	≤ 3614	≤ 5056	≤ 6931	≤ 8152	≤ 15046	≤ 24949	≤ 62197
操作压力 Operating pressure	Bar	240	240	260	240	240	240	350
操作油流量 Operating Oil Flow	l/min	30-68	38-76	61-121	61-136	80-170	80-170	100-280
旋转速度 Rotation speed	Rpm	32-72	29-58	37-72	29-64	20-43	12-26	9-25
输出油 Delivery oil	mm	Φ65	Φ75	Φ75	Φ75	Φ75	Φ75	Φ110
单位重量 Unit weight	Kg	71	108	112	115	167	270	485
单位直径 Unit diameter	mm	244	269	269	269	290	345	406
钻杆长度 Length of drill pipe	mm	1200	1500	1500	1500	1750	1750	2300
钻杆直径 Diameter of drill pipe	mm	100-750	150-600	150-900	150-900	150-1200	150-1200	300-2300

抱夹锯

Clamp saw

抱夹锯应用于：

抱夹锯通常用于切割和处理树木、混凝土和其他坚硬材料。它结合了抱夹功能和锯切功能，能够稳固地夹住物体并进行切割的挖掘机附件，主要适合各类树种的砍伐装卸施工以及竹子的砍伐装卸施工场合。

产品主要特点：

- 1、采用特殊钢材，高强度、耐磨性强。
- 2、配置进口电磁阀、可顺时针、逆时针 360 旋转。
- 3、夹持功能：通过夹持机制，可以牢固地固定住待切割的材料，确保切割过程的安全和精准。
- 4、锯切能力：配备高效的锯片，能够快速切割不同类型的材料。

Application of clamp saw:

Clamp saws are usually used to cut and process trees, concrete and other hard materials. It combines the clamping function with the sawing function. It is an excavator attachment that can firmly clamp objects and cut them. It is mainly suitable for felling and loading construction of various tree species and felling and loading construction of bamboo.

Product main features:

1. Using special steel, high strength and wear resistance.
2. Configuration of imported solenoid valve, can be clockwise, counterclockwise 360 rotation.
3. Clamping function: The clamping mechanism can firmly fix the material to be cut, ensuring the safety and accuracy of the cutting process.
4. Sawing ability: Equipped with efficient saw blades, it can quickly cut different types of materials.



整机重量 Weight	450kg	马达使用压力 Motor operating pressure	16Map
长、宽、高 Length, width, height	830*500*1100mm	最大夹具重量 Maximum fixture weight	1-2T
适配挖掘机吨位 Suitable Excavator	6-10ton	夹刀数量 Number of Clamping Knives	2
最大工作压力 Maximum working pressure	21-25Mpa	回转自锁功能 Rotary self-locking function	Have
油缸使用压力 Cylinder pressure	21Mpa	自动润滑 Automatic lubrication	Have
回转马达排量 Slewing motor displacement	625ML	机油箱容积 Oil Tank Volume	3L
回转转速 rotary speed	5-20r/min	控制方式 control method	电控手柄操控 Electric handle control
最大开度 Maximum opening	1250mm	锯导板长度 Saw guide length	18 inch

整机重量 Weight	550kg	马达使用压力 Motor operating pressure	22Map
长、宽、高 Length, width, height	910*620*1150mm	最大夹具重量 Maximum fixture weight	2-3T
适配挖掘机吨位 Suitable Excavator	10-20ton	夹刀数量 Number of Clamping Knives	2
最大工作压力 Maximum working pressure	28-32Mpa	回转自锁功能 Rotary self-locking function	Have
油缸使用压力 Cylinder pressure	28Mpa	自动润滑 Automatic lubrication	Have
回转马达排量 Slewing motor displacement	825ML	机油箱容积 Oil Tank Volume	3L
回转转速 rotary speed	10-30r/min	控制方式 control method	电控手柄操控 Electric handle control
最大开度 Maximum opening	1350mm	锯导板长度 Saw guide length	21 inch



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