



山东鸿星工程机械有限公司

SHANDONG HONGXING ENGINEERING MACHINERY CO.,LTD

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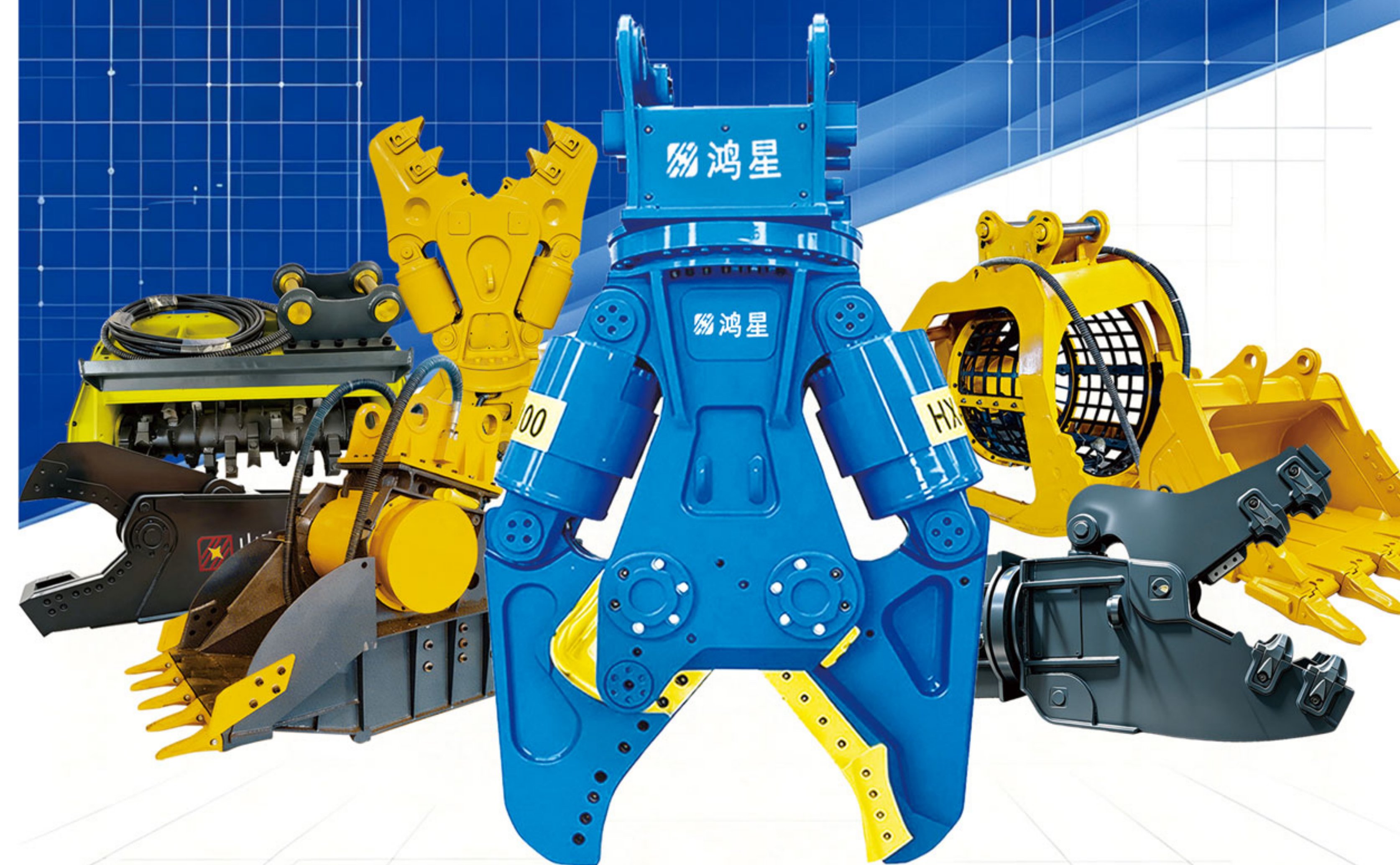
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 HONGXING

山东鸿星工程机械有限公司

Shandong Hongxing Construction Machinery Co., Ltd.



Military-grade Quality · Customized Solutions · Global Export

军工级工艺制造，适配6-50吨挖掘机

公司简介 Company Profile

山东鸿星工程机械有限公司座落于古老文明的孔孟之乡----美丽的鲁西南城市山东济宁，是一家专业从事研发、生产、销售挖掘机前端工作装置(前端属具)于一体的现代化企业。

Shandong Hongxing Engineering Machinery Co.,Ltd. is located in Jining, a beautiful southwestern city in Shandong Province, known as the ancient civilization of Confucius and Mencius. It is a modern enterprise specializing in the research and development, production, and sales of excavator front-end working devices (front-end attachments).

公司多年来一直致力于挖掘机前端属具的发展。公司主要产品有:双缸剪、鹰嘴剪、旋转筛分斗、铁路换枕机、公铁两用挖掘机改装铁路换枕车、破碎斗、旋转抓木器、旋转抱夹、抓石/钢器、莲花抓、夯实器、多功能粉碎钳、铲斗夹、液压剪、打桩机、拇指夹、路缘石夹具、标准臂加长臂、挖机挖斗、松土器、贝壳斗、摆动快换连接器、土壤再生粉碎斗、多用夹钳等多种前端属具产品，同时提供挖机施工一体化方案。可以适配各大品牌大中小挖掘机。

The company has been committed to the development of front-end attachments for excavators for many years. The company's main products include: double cylinder shears, eagle beak shears, rotary screening buckets, railway sleeper changing machines, modified railway sleeper changing cars for both road and rail excavators, crushing buckets, rotary wood grabbing tools, rotary clamps, stone/steel grabbing tool, lotus grabbing tools, compactors, multifunctional crushing pliers, bucket clamps, hydraulic shears, pile drivers, thumb clamps, curbstone fixtures, standard arm extension arms, excavator buckets, soil looseners, shell buckets, swing quick change connectors, soil regeneration crushing buckets, multi-purpose clamps and other front-end accessory products. At the same time, we provide integrated solutions for excavator construction. It can adapt to excavators of various brands, big, medium, and small.

公司拥有先进的生产设备，完善的产品检测手段和质量保证体系。公司拥有专业技术团队，从新产品的研发到工序中的制作工艺，再到产品的售后服务，为产品高质量提供坚定的技术支持。

The company has advanced production equipment, comprehensive product testing methods, and a quality assurance system. The company has a professional technical team that provides firm technical support for high-quality products, from the research and development of new products to the production process in the manufacturing process, and to the after-sales service of products.

产品质量就是企业发展的根基，公司自成立以来，始终本着“质量第一，信誉至上”的原则，在生产各个环节中严控质量关，一如既往的为客户提供最优质的产品和服务，实现与客户共赢。

Product quality is the foundation of enterprise development. Since its establishment, the company has always adhered to the principle of "quality first, reputation first", strictly controlling quality in all aspects of production, and providing customers with the highest quality products and services as always, achieving win-win results with customers.



产品介绍/Product Introduction



核心特点

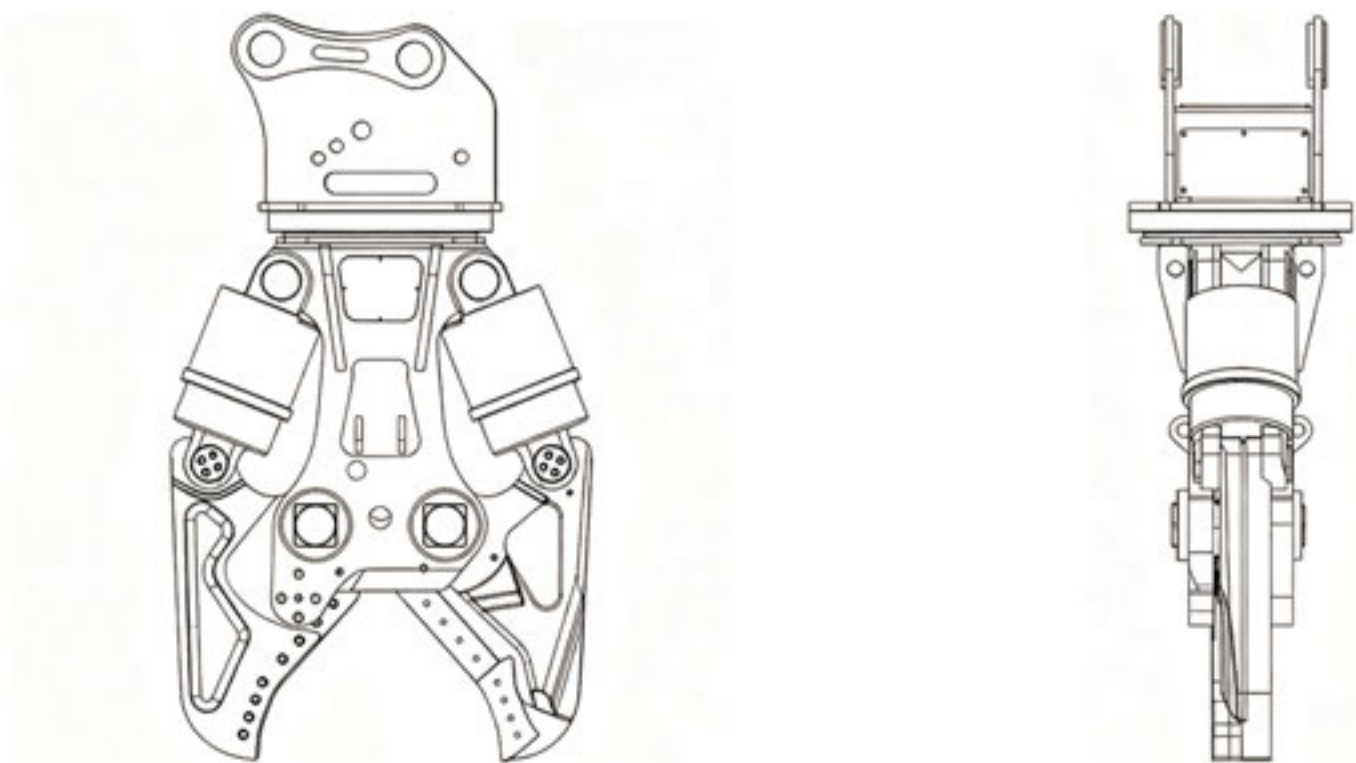
- 1.剪体整体采用耐磨钢板，加强加厚，支持多种材料选择；
- 2.360度旋转，双马达设计，保证双缸剪旋转的稳定性。配备马达底座，内部配有轴承，防止齿轮倾斜，不易伤齿；
- 3.精准限位，保护油缸，防止螺栓断裂；
- 4.加粗加大油缸设计，缸筒采用27simn材料并调质处理；一体锻打活塞杆镀5-7丝铬；耳环衬套采用石墨铜套，内置日本NOK品牌密封件；
- 5.德国马牌油管，4层钢丝高压油管，耐老化，耐油耐热，承压力高，可以承受42MPa高压；
- 6.进口增速阀心，加快开合时间，提高工作效率。

Core Features

1. The entire shear body is constructed from wear-resistant steel plates with reinforced and thickened structure, and multiple material options are available.
2. It features 360-degree rotation and a dual-motor layout to ensure stable rotation of the double-cylinder shear. Equipped with a motor base and built-in bearings, it prevents gear tilt and reduces gear tooth damage.
3. Precision limiters are installed to protect the oil cylinder and avoid bolt breakage.
4. Adopted reinforced and enlarged cylinder design. The cylinder tube is made of 27SiMn steel with quenching-and-tempering treatment; the one-piece forged piston rod is chrome-plated with a thickness of 0.05-0.07mm; graphite copper bushing is used for the earring bushing, fitted with Japan-made NOK brand sealing components.
5. Continental hydraulic hoses from Germany, 4-steel-wire high-pressure hoses. Anti-aging, oil-resistant and heat-resistant with high pressure resistance, capable of withstanding high pressure up to 42MPa.
6. Imported speed-increasing valve spools accelerate opening and closing cycles to boost working efficiency.

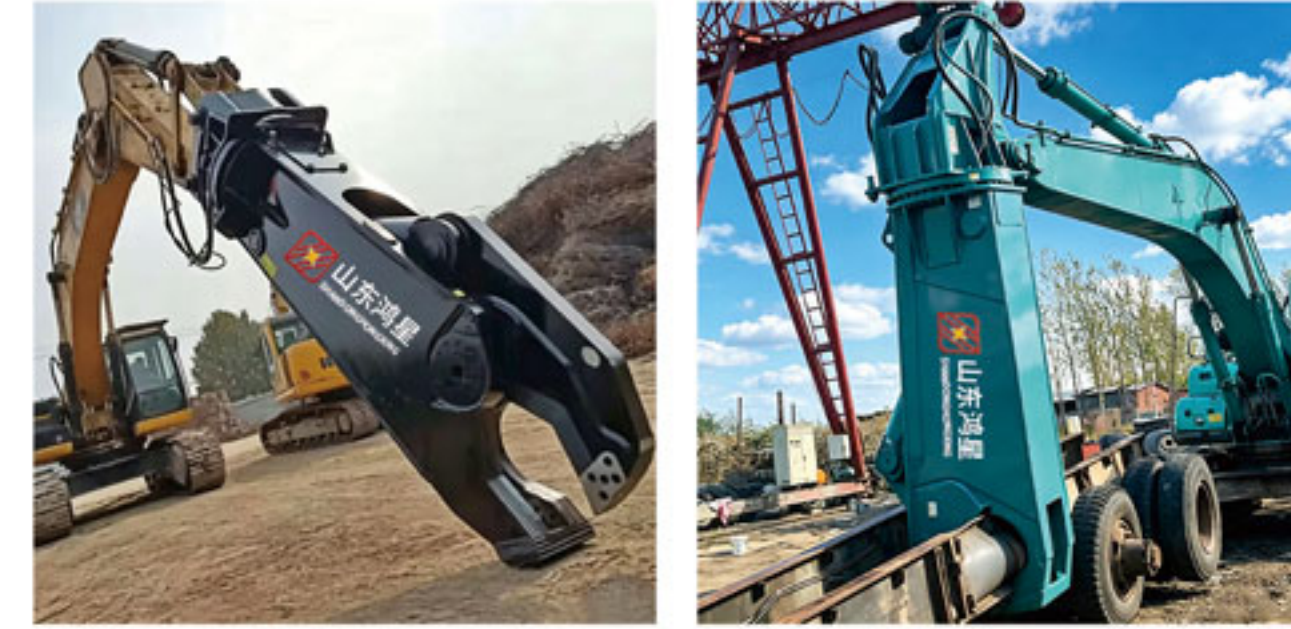


产品参数/Product Parameters



型号/Model	单位/Unit	HX180	HX200	HX220	HX260	HX290	HX300	HX320	HX350	HX460	HX490	HX550
宽度/Width	mm	788	1000	1250	1500	1350	1359	1359	1500	1700	1710	1700
高度/Height	mm	1395	1750	2050	2500	2430	2430	2430	2500	2700	2850	2850
厚度/Thickness	mm	430	620	750	1000	750	750	750	1000	820	942	942
重量/Weight	kg	740	1450	1750	2680	2980	3198	3210	3450	4782	5256	5520
开口大小/Opening Size	mm	420	510	580	620	700	700	700	700	800	800	860
刀片长度/Blade Length	mm	200+150	250+210	300+210	350+260	350+260	350+260	350+260	350+260	400+260	350+360	400+360
剪切力/Shearing Force	t	65	160	210	300	330	350	360	380	460	480	560
适配挖机/Excavator Model	/	80-130	130-180	150-220	180-260	200-300	200-320	240-330	260-350	330-480	350-550	380-650

产品介绍/Product Introduction



适用领域

用于H、I钢、汽车大梁、厂房支重梁剪切作业等。

核心特点

- 1.采用专用回转支撑和马达，操作灵活，性能稳定，扭矩大；
- 2.采用耐磨板材，韧性高，抗高强度耐磨；
- 3.刀片采用进口材料，使用寿命更长；
- 4.适用于重型车辆拆解，灵活且耐用。

Application Fields

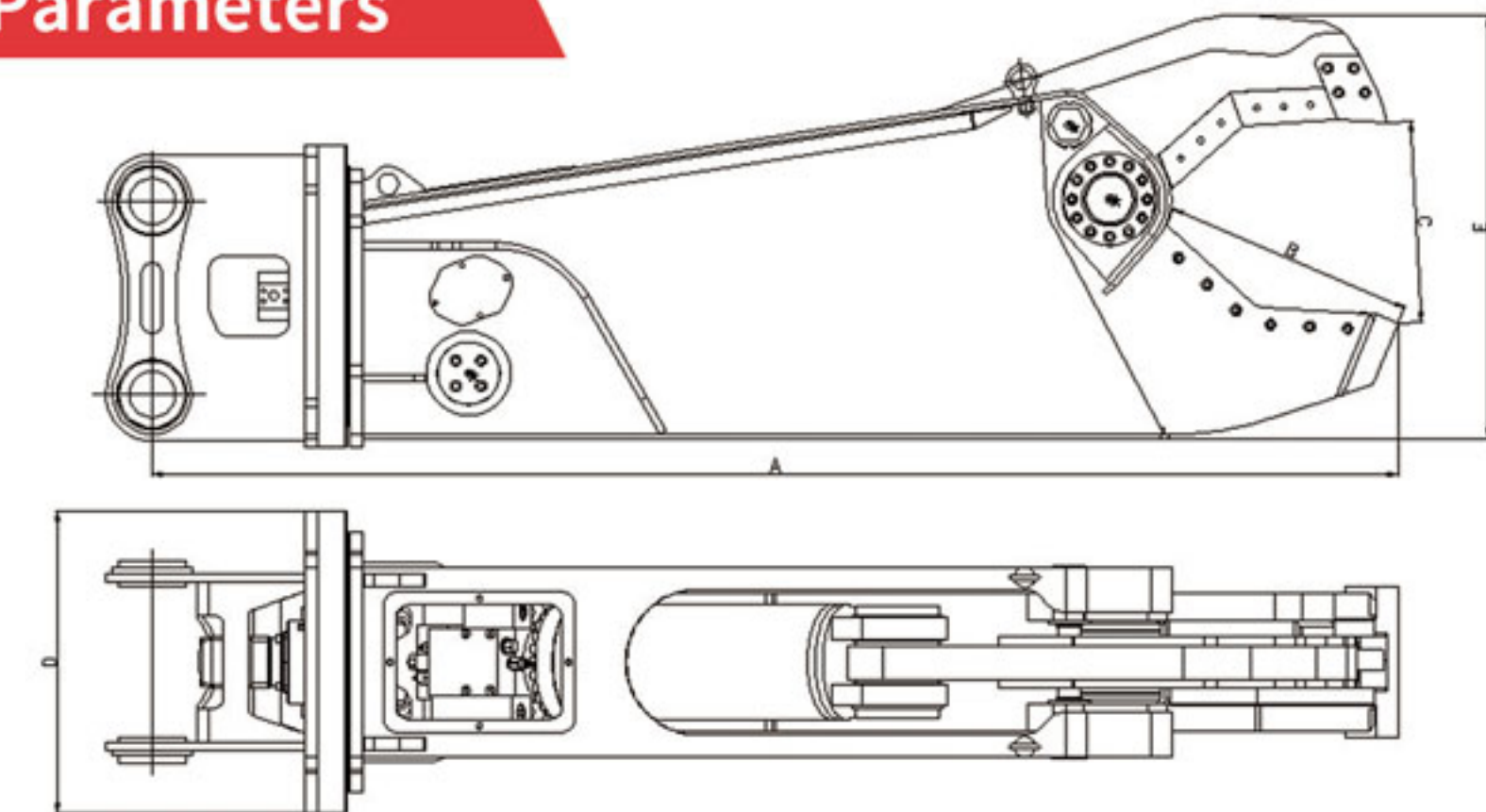
For shearing operations of H-beams, I-beams, automobile girders, factory load-bearing beams, etc.

Core Features

1. Equipped with special slewing bearings and motors, it features flexible operation, stable performance and high torque.
2. Adopt wear-resistant steel plate featuring high toughness and excellent heavy-load wear resistance.
3. The cutting blades are manufactured from imported materials for extended service life.
4. Ideal for heavy vehicle dismantling, combining great flexibility and outstanding durability.

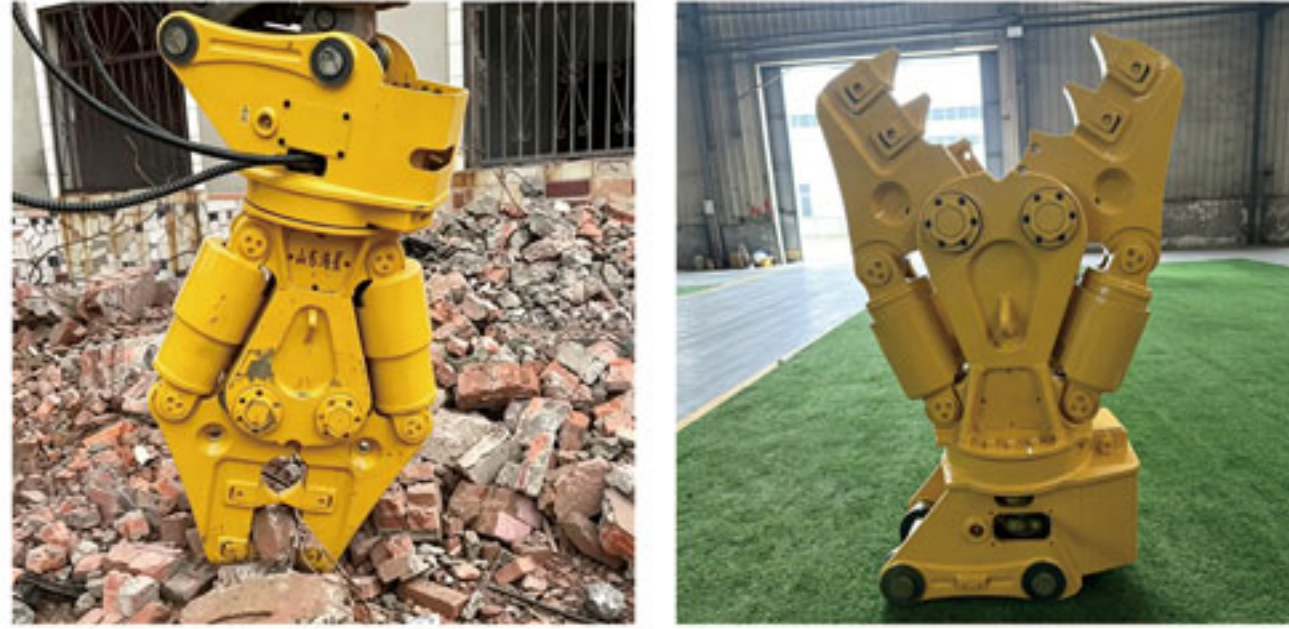


产品参数/Product Parameters



型号/Model	单位/Unit	HX280	HX350
长度/Length	mm	3050	3500
宽度/Width	mm	720	810
高度/Height	mm	1000	1250
刀片长/Blade Length	mm	600	750
最大开口/Max Opening	mm	480	600
重量/Weight	kg	2150	3360
前部剪切力/ Front Shear Force	KN	81	116
中部剪切力/Middle Shear Force	KN	142	286
根部剪切力/Root Shear Force	KN	332	552

产品介绍/Product Introduction



适用领域

楼房拆除、钢材剪切等破碎、剪切作业。

核心特点

- 1.采用专用回转支撑和马达，操作灵活，性能稳定，扭矩大；
- 2.剪体采用耐磨板材，韧性高，耐磨；
- 3.刀片采用进口材料，使用寿命更长；
- 4.结构经过优化设计，不易变形。

Application Fields

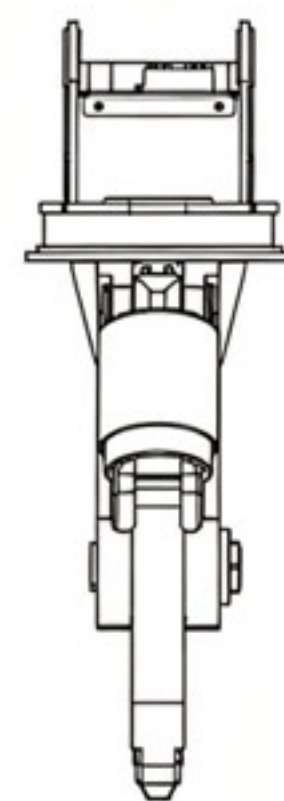
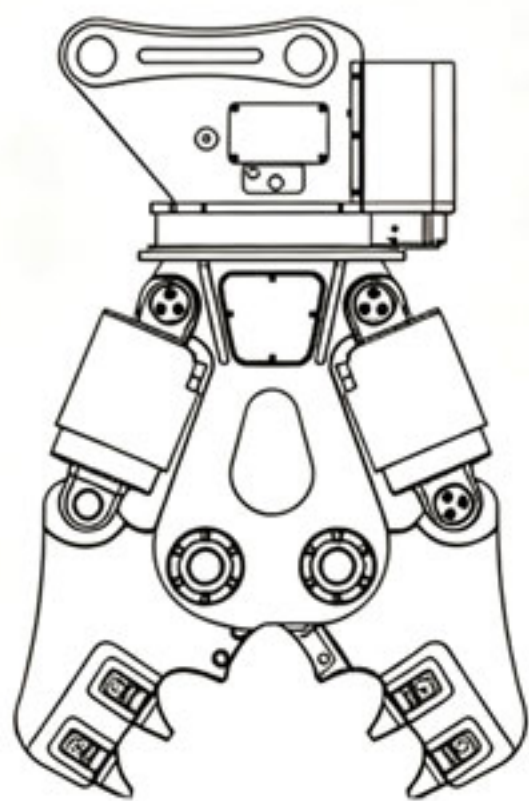
Suitable for crushing and shearing operations such as building demolition and steel cutting.

Core Features

1. Equipped with special slewing bearings and motors, it features flexible operation, stable performance and high torque;
2. The shear body is made of wear-resistant steel plate with high toughness and good wear resistance;
3. The cutting blades are manufactured from imported materials for extended service life;
4. Ideal for heavy vehicle dismantling, combining great flexibility and outstanding durability.



产品参数/Product Parameters



型号/Model	单位/Unit	HX180	HX280
最大开口/Max Opening	mm	500	1100
重量/Weight	kg	760	2400
工作流量/ Working Flow	L/Min	200-250	200-250
工作压力/Working Pressure	Mpa	25-28	30-35
马达排量/ Motor Displacement	ml/min	625	500
软管尺寸/ Hose Size	inch	G1/2(open-close),G3/8(Rotate)	G1 (open-close),G1/2(Rotate)
适配挖机/ Matching Excavator	T	6-10	20-25

产品介绍/Product Introduction



适用领域

分离钢筋混凝土等破拆作业。

核心特点

- 1.轻便灵活，速度快；
- 2.加粗油缸，力气更大，进口密封件；
- 3.外壳材质采用高强度耐磨钢材，坚固耐用；
- 4.钳口采用耐磨板制作，刀片专用合金钢，经久耐用；
- 5.投资少，回报快，售后无忧。

Application Fields

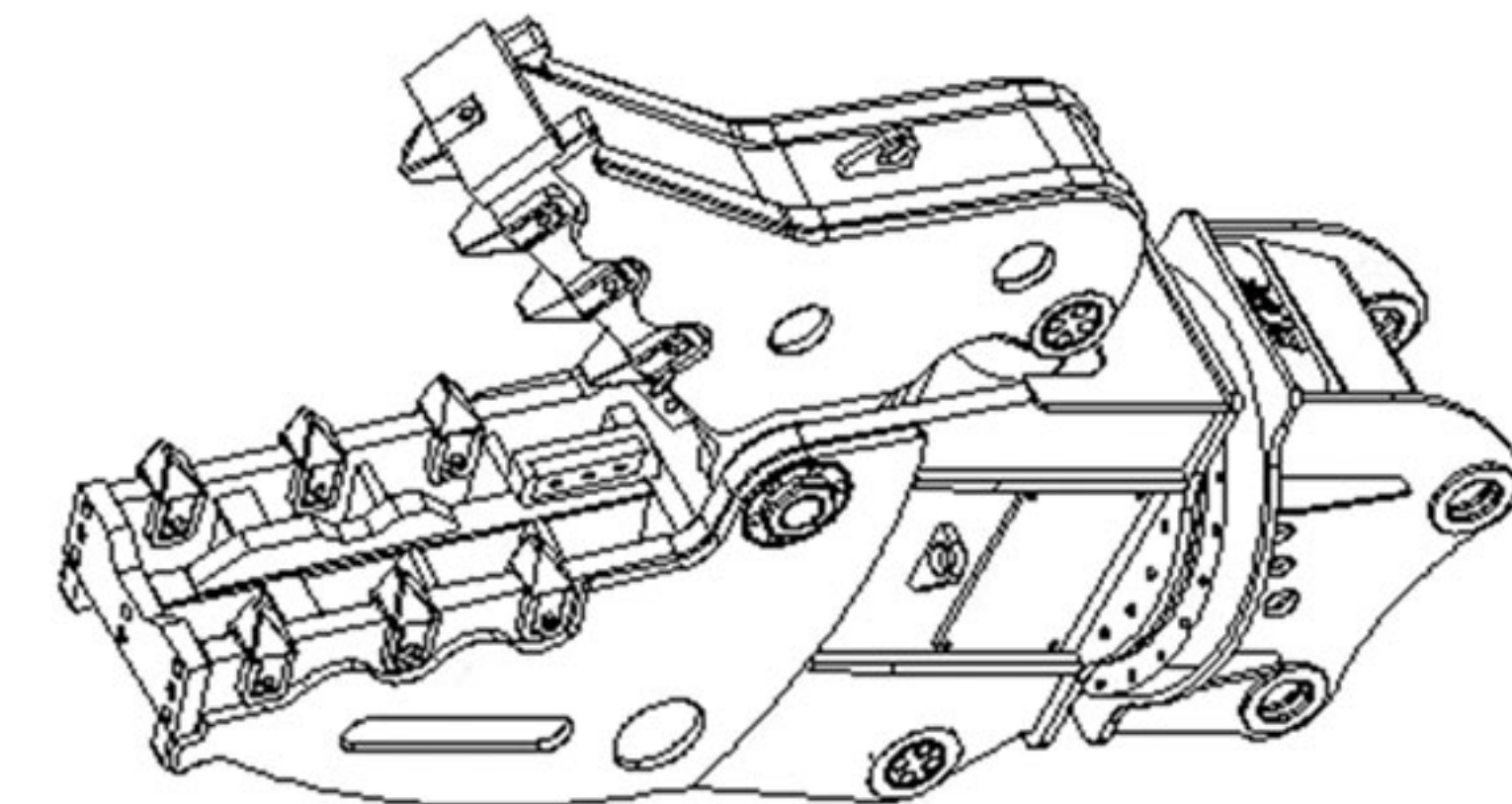
Demolition operations such as separating reinforced concrete.

Core Features

1. Lightweight, flexible and fast operation;
2. Thickened oil cylinder delivers greater crushing force, fitted with imported sealing parts;
3. The housing is made of high-strength wear-resistant steel for sturdiness and long service life;
4. The jaws are made of wear-resistant plates; the blades adopt special alloy steel for long-lasting service life;
5. Low investment with quick returns and worry-free after-sales service.



产品参数/Product Parameters



型号/Model	单位/Unit	HX180	HX200	HX300
最大开口/Max Opening	mm	660	740	840
重量/Weight	kg	1650	2050	2850
工作流量/ Working Flow	L/Min	200-250	200-250	200-250
工作压力/Working Pressure	Mpa	35	27-32	27-32
马达排量/ Motor Displacement	ml/min	500	500	630
软管尺寸/ Hose Size	inch	G1(open-close),G1/2(Rotate)	G1(open-close),G1/2(Rotate)	G1 1/4(open-close),G1/2(Rotate)
适配挖机/ Matching Excavator	T	16-20	18-25	26-35

产品介绍/Product Introduction



产品应用

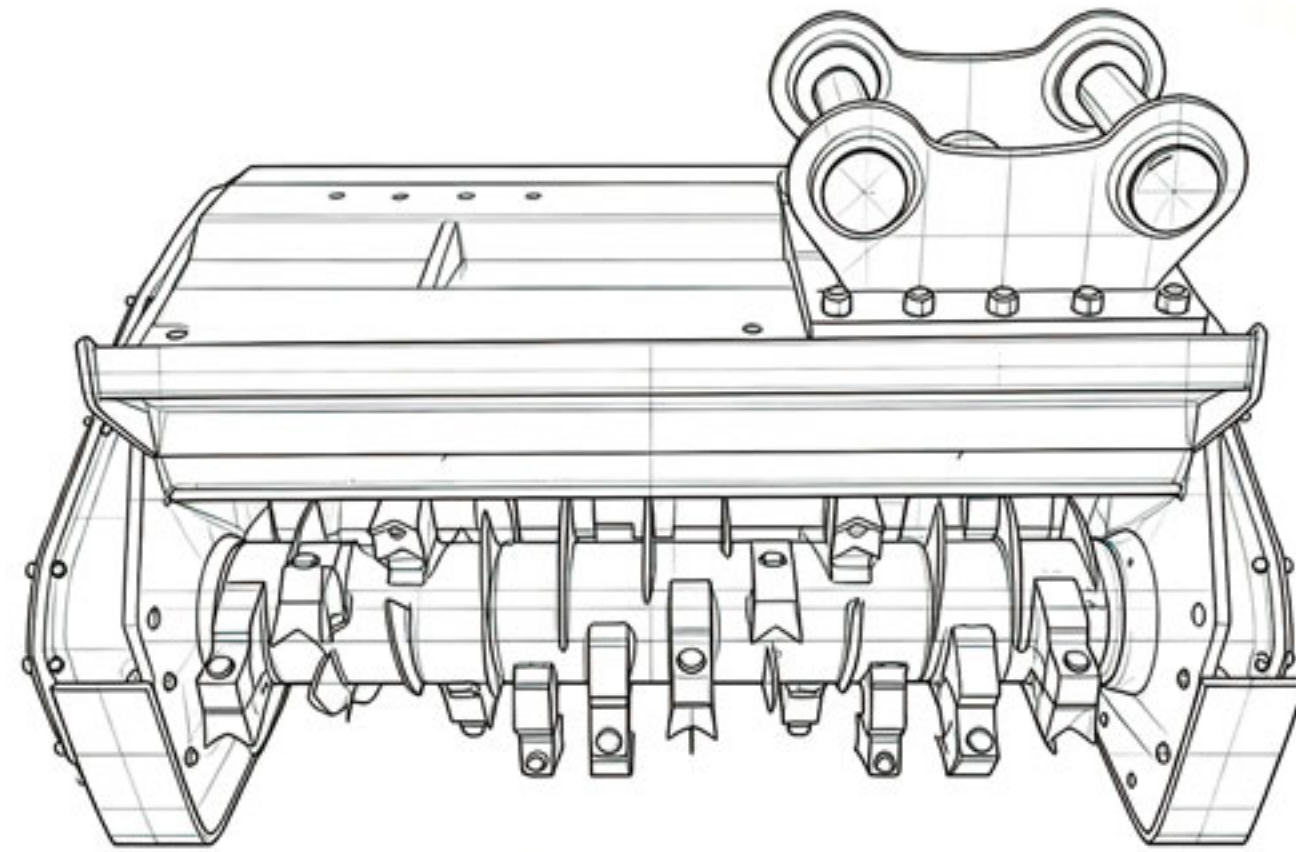
挖掘机拓荒机也叫挖机开荒机，碎木机等，它广泛应用于林业清理、景观绿化、荒山复垦、市政植被管理等多个领域。该设备直接安装在挖掘机的前端，由主机的液压系统提供动力。它能够高效地粉碎并移除树木、灌木、杂草和树桩成为替代传统人工伐木和焚烧作业的理想机械化解决方案。

Product Application

The excavator land clearing machine, also known as excavator brush cutter or wood shredder, is widely applied in forest clearance, landscape greening, barren mountain reclamation, municipal vegetation management and many other fields. Mounted directly on the front end of an excavator, the equipment is powered by the host machine's hydraulic system. It can efficiently shred and remove trees, bushes, weeds and stumps, serving as an ideal mechanized alternative to traditional manual logging and burning operations.



产品参数/Product Parameters



型号/Model	单位/Unit	HX1000	HX1200	HX1400
轴长/Shaft Length	mm	1000	1200	1400
产品尺寸/Product Dimensions	mm	1270*725*620	1490*725*620	1708*725*620
马达排量/Motor Displacement	L/min	45	63	80
适用挖机/Matching Excavator	t	6-12	12-15	≥20
马达转速/Motor Rotation Speed	r/min	2500-3000	2500-3000	2500-3000
重量/Weight	kg	366	680	780
刀片数量/Number of Blades	pcs	22	28	34

产品介绍/Product Introduction



产品特点

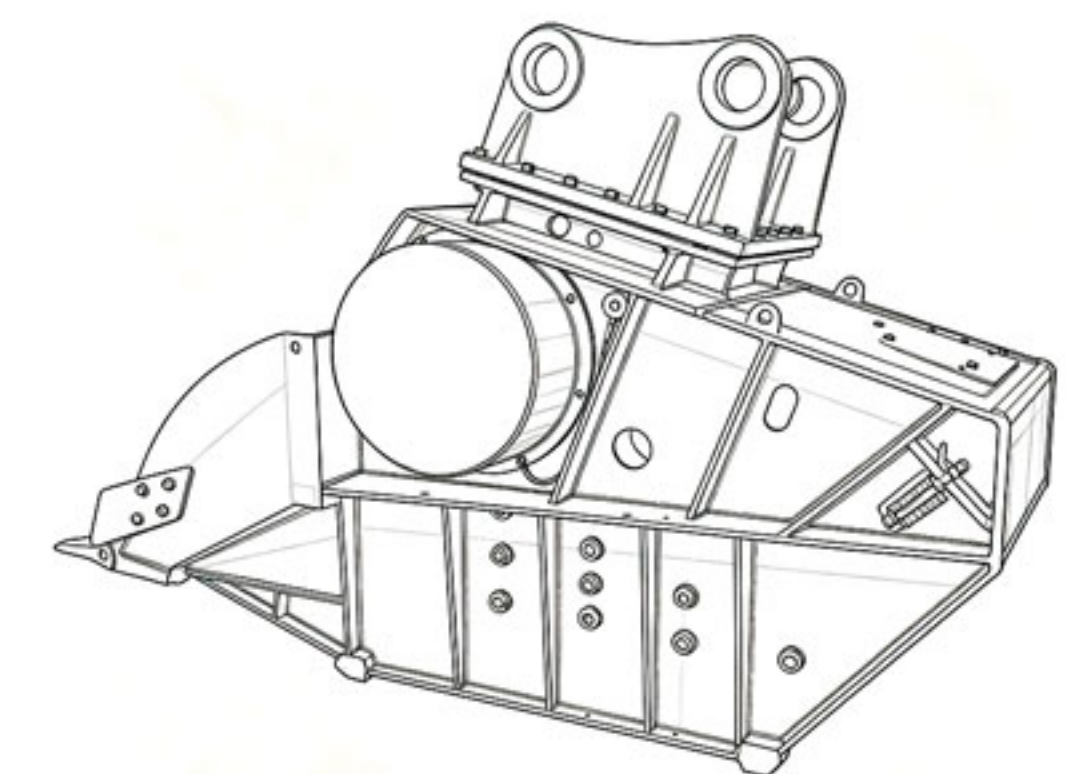
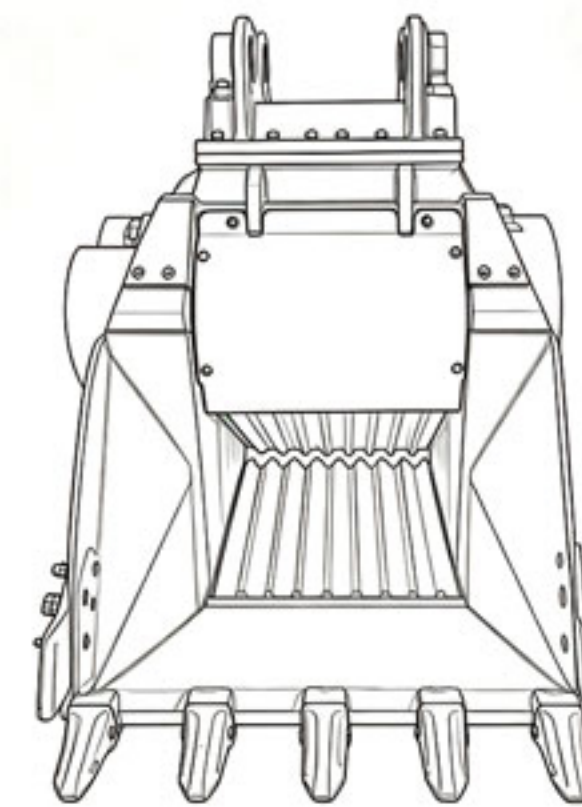
鄂式破碎斗通常安装在挖掘机上面，采用挖掘机液压动力，挖机驾驶员在驾驶室内通过操作对破碎斗进行控制，依靠上下颚板的强力夹击破碎石料，通过排料口调整物料大小。广泛运用于矿山开采、建筑工地、公路施工等行业中各种矿石和大块物料的破碎工作。

Product Features

The jaw crusher bucket is generally mounted on an excavator and powered by the excavator's hydraulic system. Operators can control the crusher bucket from the excavator cab via control levers. It crushes stone materials through the powerful clamping force of the upper and lower jaw plates, and the discharge opening can be adjusted to control the finished material size. It is widely used for crushing various ores and bulk materials in mining, construction, highway construction and other industries.



产品参数/Product Parameters



型号/Model	单位/Unit	HX200	HX300
适配挖机 /Matching Excavator	t	20-25	30-35
破碎斗容量/Crusher Bucket Capacity	m³	0.7	0.8
工作压力/Working Pressure	Mpa	25	25
工作流量/Working Oil Flow	L/min	145	235
进料口尺寸 / Feed Inlet Size	mm	750*500	950*500
出料口尺寸 /Discharge Outlet Size	mm	15-120	15-120
外形尺寸 /Overall Dimensions	mm	2230*1400*1400	2400*1690*1600
重量/Weight	kg	3500	4800

产品介绍/Product Introduction

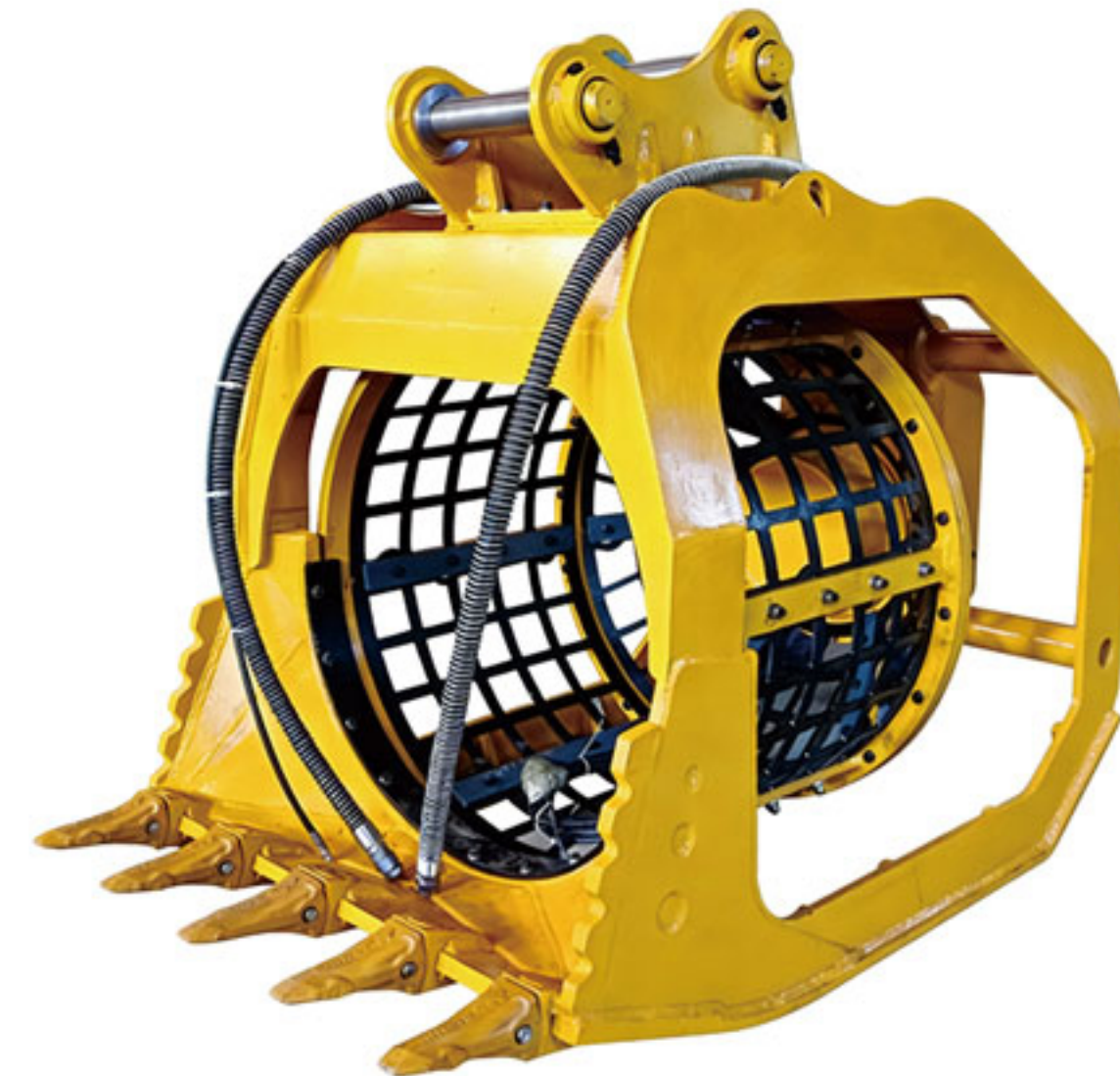


产品应用

通过高速旋转，将小物料甩离出挖斗，筛选废物材料、拆除材料、石地回收、鹅卵石、天然石料的清理、河道泥沙清理等。

核心特点

- 1.结构简单，运行平稳；
- 2.筛网孔可根据物料大小多种选择；
- 3.更换方便，大大减少机器损耗。



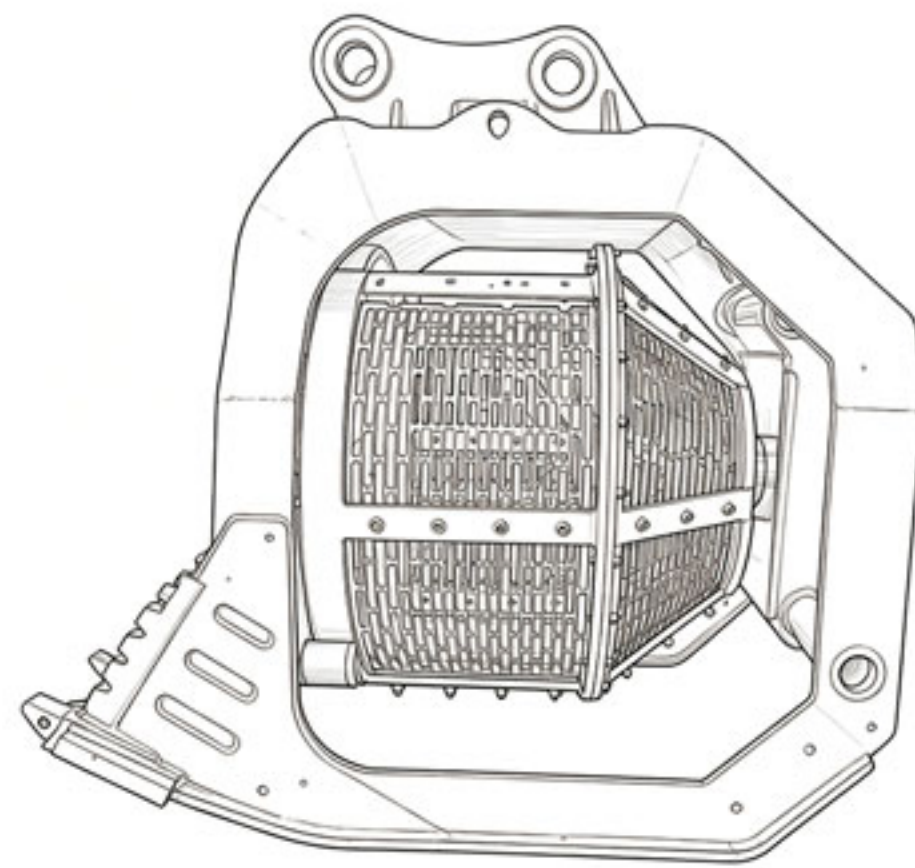
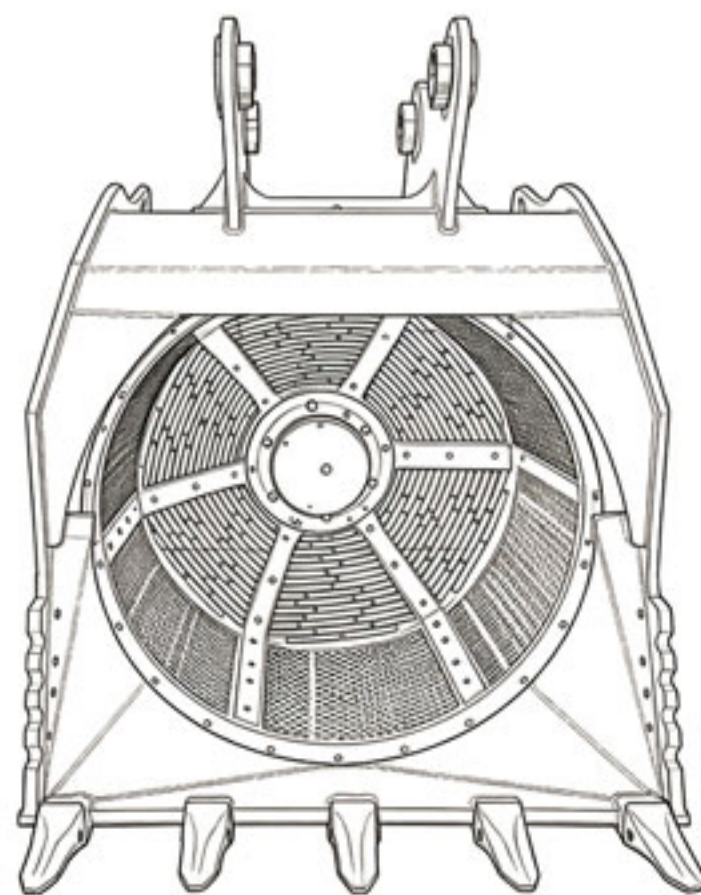
Product Application

Through high-speed rotation, small materials are thrown out of the bucket, enabling the screening of waste materials, demolition debris, and applications such as stone site recycling, pebbles/natural stone cleaning, and river sediment removal.

Core Features

- 1.Simple structure with stable operation.
- 2.Multiple screen hole sizes available based on material specifications.
- 3.Easy replacement greatly reduces machine wear and tear.

产品参数/Product Parameters



型号/Model	单位/Unit	HX75	HX150	HX200	HX300
适配挖机/Compatible Excavators	t	6-9	9-15	15-25	26-35
斗容量/Bucket Capacity	m ³	0.5	0.8	1.6	2.4
工作压力/Working Pressure	bar	180	230	250	250
工作流量/Working Flow Rate	L/min	50	80	110	110
转速/Rotational Speed	r/min	35-60	35-60	35-60	35-60
产量/Output Capacity	m ³	75-120	150-250	280-380	480-600
筛网直径/Screen Diameter	mm	600	1060	1100	1390
重量/Weight	kg	650	1150	1980	3160

产品介绍/Product Introduction



产品特点

挖掘机铲斗按材质分为标准斗、加强斗、岩石斗、碎石斗、栅格斗等。标准斗材料选用国产优质高强度板，适用于一般黏土、松土的挖掘和沙、土、砾石的装载等较轻作业环境。

加强斗的易损部位齿座板和侧刃板材料选用国产优质高强度耐磨钢 WH60A，适用于挖掘混有较软碎石的硬土或碎石、砾石的装载等重载作业。

岩石斗的齿座板和侧刃板材料选用高强度合金板，适用于挖掘混有较硬碎石的硬土、次坚石、风化石或坚石、爆破后的矿石的装载等重载作业环境。

Product Features

Excavator buckets are classified by material into standard buckets, reinforced buckets, rock buckets, gravel buckets, grid buckets and other types.

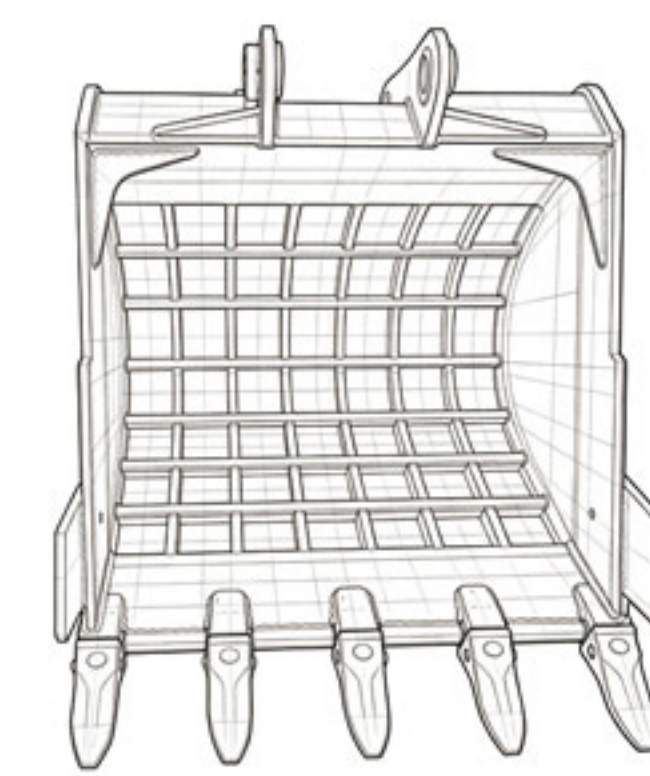
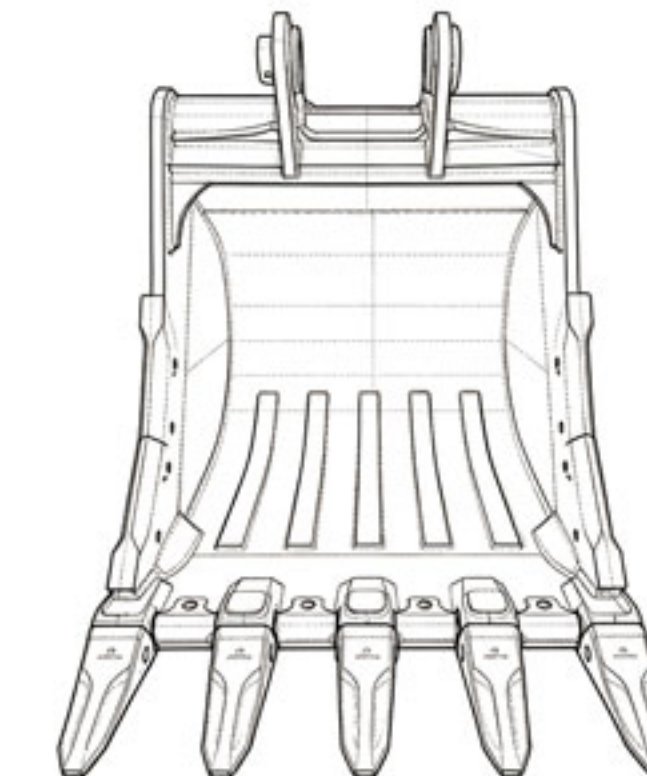
Standard buckets are made of high-quality domestic high-strength steel plates, suitable for light-duty operations such as excavating common clay and loose soil, as well as loading sand, soil and gravel.

Wear-prone parts including tooth base plates and side edge plates of reinforced buckets adopt domestic high-quality high-strength wear-resistant steel WH60A. They are applicable to heavy-duty operations like excavating hard soil mixed with soft broken stones and loading broken stones and gravel.

Tooth base plates and side edge plates of rock buckets are manufactured from high-strength alloy steel plates, ideal for heavy-duty working conditions such as digging hard soil mixed with hard broken stones, sub-hard rock and weathered rock, as well as loading hard rock and blasted ores.



产品参数/Product Parameters



型号/Model	单位/Unit	HX6	HX13	HX15	HX20	HX25	HX30	HX35	HX40	HX45
适配挖机/Compatible Excavators	t	6	13	15	20	25	30	35	40	45
斗容/Bucket Capacity	m ³	0.3	0.53	0.6	0.8	1.2	1.4	1.6	1.9	2.1
重量/weight	kg	280	400	500	680	1100	1300	1550	1900	2000