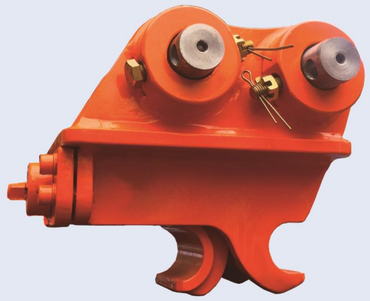
Quick Coupler
快速连接器

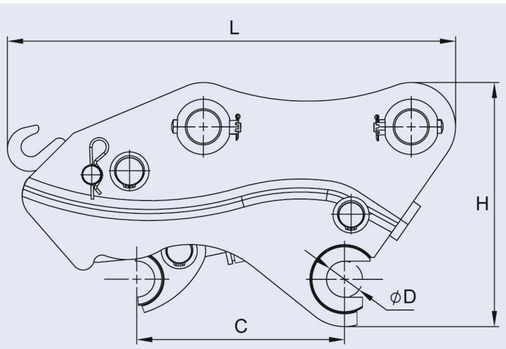


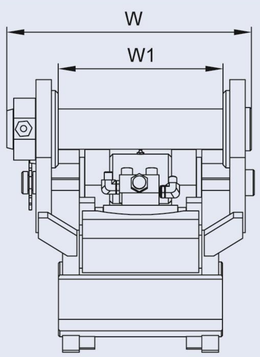
Mechanical type

Hydraulic type(casting)

Hydraulic type(welding)

Outline Dimension 外形尺寸





Specifications 技术参数		FQC02	FQC03	FQC04
Total Length L	总 长 度 L	370-420 mm	400-450 mm	550-590 mm
Total Length H	总 高 度 H	255-300 mm	230-280 mm	300-380 mm
Total Length W	总 宽 度 W	150-200 mm	210-250 mm	240-310 mm
Centre Distance	销轴中心距C	85-180 mm	170-245 mm	245-300 mm
Arm Width	小臂开档W1	90-120 mm	110-160 mm	150-230 mm
Pin Diameter	轴 直 径 D	Φ25-Φ30 mm	Φ35-Φ40 mm	Φ45 mm
Hydraulic Pressure	使 用 压 力	30-150 Kg/cm^2	30-150 Kg/cm^2	30-150 Kg/cm^2
Hydraulic Flow	工 作 流 量	10-30 L/min	10-30 L/min	10-30 L/min
Weight	重 量	20-30 kg	35-50 kg	60-80 kg
Suitable Carrier	适 配 挖 机	1-2 ton	2.5-4 ton	5-6 ton

Specifications 技术参数		FQC05	FQC06	FQC08
Total Length L	总 长 度 L	610-650 mm	800-860 mm	1000-1050 mm
Total Length H	总 高 度 H	310-390 mm	415-510 mm	500-580 mm
Total Length W	总 宽 度 W	300-385 mm	360-420 mm	450-560 mm
Centre Distance	销轴中心距C	290-360 mm	350-420 mm	400-510 mm
Arm Width	小臂开档W1	220-280 mm	250-320 mm	300-390 mm
Pin Diameter	轴 直 径 D	Φ50-Φ55 mm	Φ60-Φ70 mm	Φ80-Φ85 mm
Hydraulic Pressure	使 用 压 力	30-150 Kg/cm^2	30-150 Kg/cm^2	30-200 Kg/cm^2
Hydraulic Flow	工 作 流 量	10-30 L/min	10-30 L/min	10-30 L/min
Weight	重 量	90-120 kg	200-260 kg	340-380 kg
Suitable Carrier	适 配 挖 机	7-10 ton	11-17 ton	18-26 ton

Specifications 技术参数		FQC09	FQC10	FQC12
Total Length L	总 长 度 L	1080-1150 mm	1150-1250 mm	1250-1350 mm
Total Length H	总 高 度 H	550-615 mm	595-650 mm	600-660 mm
Total Length W	总 宽 度 W	530-640 mm	580-650 mm	630-700 mm
Centre Distance	销轴中心距C	500-580 mm	570-600 mm	590-650 mm
Arm Width	小臂开档W1	350-420 mm	400-450 mm	450-500 mm
Pin Diameter	轴 直 径 D	Φ90-Φ95 mm	Φ100-Φ110 mm	Φ110-Φ130 mm
Hydraulic Pressure	使 用 压 力	30-200 Kg/cm^2	30-200 Kg/cm^2	30-200 Kg/cm^2
Hydraulic Flow	工 作 流 量	10-30 L/min	10-30 L/min	10-30 L/min
Weight	重 量	530-580 kg	700-760 kg	750-850 kg
Suitable Carrier	适 配 挖 机	26-35 ton	36-40 ton	40-50 ton

Hydraulic Compactor

液压夯

Straight check valve, one-way unloading of the pump body pressure ensure the normal operation of the motor.

直通单向阀，单向卸载马达泵体压力，保证马达正常工作。

The conjunction of the flow control valve and relief valve can adjust the flow within the appropriate flow range to ensure the speed of vibration, can be suitable for excavators with different flow rates.

流量调节阀与溢流阀配合，可在适当的流量区间内调节流量，保证打击速度，可适配不同流量的挖机。

High strength vibration plate can ensure the service life time of hydraulic compactor.

高强度振动板，保证振动夯的使用寿命。

Imported motor improves the service life time and stability of power box body.

采用进口马达提高了动力箱的使用寿命和稳定性。

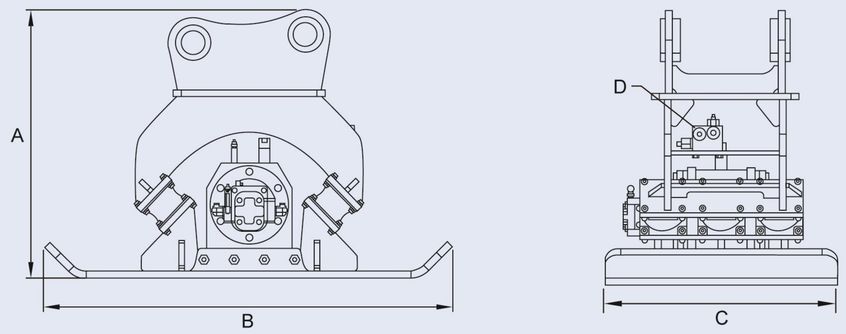
The adoption of high elastic rubber damper can reduce excavator resonance and increase equipment service life time.

采用高弹性橡胶减震胶块，弹性好，减少挖机共振，增加设备使用寿命。

Specifications 技术参数		FVC02	FVC03	FVC04
Outline Dimension 外形尺寸	A	617 mm	780 mm	780 mm
	B	760 mm	1135 mm	1135 mm
	C	420 mm	550 mm	550 mm
	D	PF1/2”	PF1/2”	PF1/2”
Total Weight	重　量	192 kg	380 kg	550 kg
Working Pressure	工作压力	40~100 bar	80~120 bar	90~130 bar
Punch	打 击 力	25 kN	35 kN	40 kN
Working Flow	工作流量	30~50 lpm	50~70 lpm	60~80 lpm
Vibration Frequency	振动频次	2700 Vpm(max)	2700 Vpm(max)	2000 Vpm(max)
Suitable Carrier	适配挖机	1-3 ton	4-6 ton	7-10 ton

Specifications 技术参数		FVC06	FVC08	FVC10
Outline Dimension 外形尺寸	A	942 mm	1076 mm	1076 mm
	B	1246 mm	1620 mm	1620 mm
	C	750 mm	900 mm	900 mm
	D	PF3/4”	PF1”	PF1”
Total Weight	重　量	870 kg	1180 kg	1300 kg
Working Pressure	工作压力	100~140 bar	150~180 bar	150~180 bar
Punch	打 击 力	80 kN	150 kN	160 kN
Working Flow	工作流量	80~120 lpm	100~170 lpm	120~210 lpm
Vibration Frequency	振动频次	2000 Vpm(max)	2000 Vpm(max)	2000 Vpm(max)
Suitable Carrier	适配挖机	11-16 ton	17-23 ton	24-35 ton

Outline Dimension 外形尺寸



Stone Grapple (FGS) 抓石器
Wood Grapple (FGW) 抓木器

The design of large capacity cylinders with a hydraulic balance system ensures the durability of grabbing.

带液压平衡系统的油缸设计，保证抓取的可靠性。

The motor adopts double-balance control hydraulic system design to reduce the impact on the moter.

马达双平衡控制液压控制系统的设计，减少马达的所受到的冲击，保护马达。

A variety of different functions of the teeth can be applied to different grabbing working conditions.

多种不同功能的抓齿，可适用于不同的抓取作业环境。

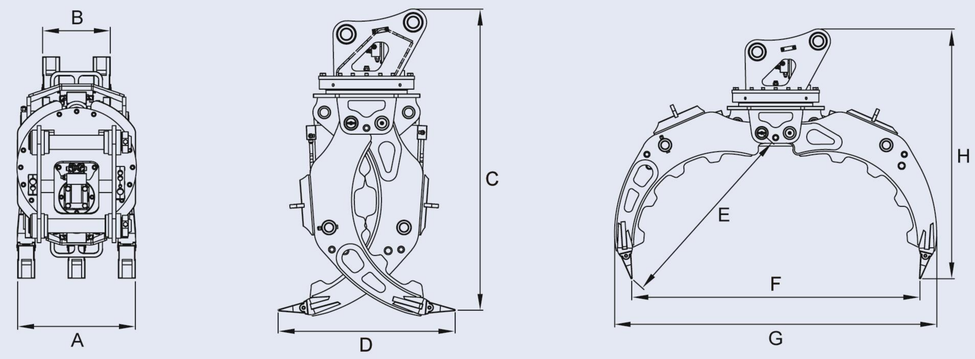
The imported motors and high quality rotary mechanism improve the lifetime of rotary device, the stability of system and can 360°degrees rotate freely.

采用进口马达和高品质的回转结构，提高了回转装置的寿命和系统的稳定性，可360°无限制自由回转。

To use imported HARDOX wear-resistant steel, with light weight, high strength, strong wear resistan ce.

采用进口HARDOX耐磨钢材，具有质地轻，强度高，耐磨性强的特点。

Outline Dimension 外形尺寸



Specifications 技术参数		FGW(S)03	FGW(S)04	FGW(S)06
Outline Dimension 外形尺寸	A	420 mm	420 mm	550 mm
	B	240 mm	240 mm	320 mm
	C	1270 mm	1250 mm	1730 mm
	D	680 mm	695 mm	735 mm
	E	886 mm	916 mm	1115 mm
	F	1300 mm	1400 mm	1800 mm
	G	1410 mm	1520 mm	1950 mm
	H	1175 mm	1145 mm	1525 mm
Max Opening Width	最大开口	1300 mm	1400 mm	1800 mm
Total Weight	重量	350 kg	390 kg	740 kg
Closing Working Pressure	闭合工作压力	110~140 kg/cm^2	120~160 kg/cm^2	150~170 kg/cm^2
Closing Working Flow	闭合工作流量	30~55 lpm	50~100 lpm	90~110 lpm
Rotating Working Pressure	旋转工作压力	60~90 kg/cm^2	60~90 kg/cm^2	140~160 kg/cm^2
Rotating Working Flow	旋转工作流量	30~50 lpm	30~50 lpm	30~50 lpm
Unload Weight	卸载重量	1500 kg	2000 kg	3000 kg
Suitable Carrier	适配挖机	4-6 ton	7-11 ton	12-16 ton

Specifications 技术参数		FGW(S)08	FGW(S)10
Outline Dimension 外形尺寸	A	660 mm	750 mm
	B	380 mm	420 mm
	C	2110 mm	2230 mm
	D	1240 mm	1325 mm
	E	1500 mm	1595 mm
	F	2300 mm	2500 mm
	G	2470 mm	2790 mm
	H	1920 mm	2095 mm
Max Opening Width	最大开口	2300 mm	2500 mm
Total Weight	重量	1380 kg	1700 kg
Closing Working Pressure	闭合工作压力	160~180 kg/cm^2	160~180 kg/cm^2
Closing Working Flow	闭合工作流量	100~140 lpm	130~170 lpm
Rotating Working Pressure	旋转工作压力	140~160 kg/cm^2	140~160 kg/cm^2
Rotating Working Flow	旋转工作流量	40~60 lpm	40~60 lpm
Unload Weight	卸载重量	5000 kg	8000 kg
Suitable Carrier	适配挖机	17-23 ton	24-30 ton

Car Dismantling Shear

拆车剪

The efficiency of Independent research and development of large-flow acceleration valve is 1.2-1.5 times higher than traditional control devices.

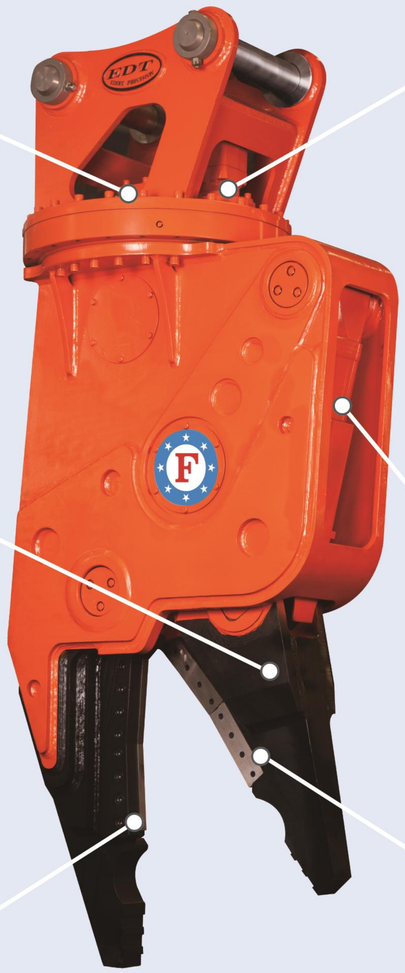
自主研发大流量加速阀，同比传统控制效率提升1.2-1.5倍。

To use imported HARDOX wear-resistant steel, light texture, high strength, strong wear resistance.

采用进口HARDOX耐磨钢材，质地轻、强度高、耐磨性强。

Concave-convex structure of the teeth can effectively clamp the disassemble objects, so the shear can be widely used in automotive and large hydraulic container demolition and decomposition。

凹凸构造的牙齿可有效夹住拆卸物，广泛应用于汽车及大型液压容器的破拆分解。



The use of imported motors and high-quality rotary mechanisms improves the life of the rotary device and the stability of the system. It can rotate 360 ° degrees freely.

采用进口马达和高品质的回转结构，提高了回转装置的寿命和系统的稳定性，可360°无限制自由回转。

Large cylinder design, strong shear force.

超大油缸设计，剪切力强。

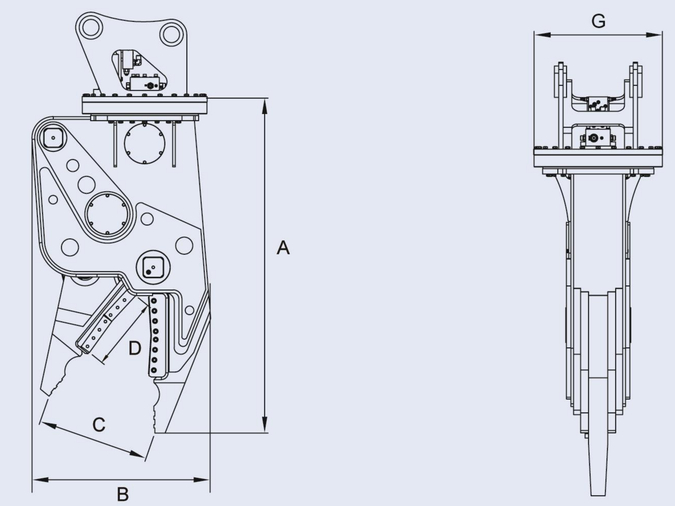
The tailor-made high strength alloy blade adopts a special fixing method, so the blade can be easily removed and also ensure its cutting strength.

特质高强度合金刀片采用特殊固定方式，既方便拆卸又能保证剪断强度。

Specifications 技术参数 FCP20

Outline Dimension 外形尺寸	A	1950 mm
	B	1055 mm
	C	660 mm
	D	450 mm
	G	735 mm
Opening Width	最大开口	660 mm
Total Weight	重量	2050 kg
Cutting Force (Max)	最大剪切力	2480 KN
Closing Working Pressure	闭合工作压力	300-350 Kg/cm^2
Closing Working Flow	闭合工作流量	180-240 lpm
Rotating Working Pressure	旋转工作压力	120-160 kg/cm^2
Rotating Working Flow	旋转工作流量	40-60 lpm
Cuttinmg Oil Port	剪切部分油口	G1”
Rotating Oil Port	旋转部分油口	G3/8”
Suitable Carrier	适配挖机	20-30 ton
Working Mode	工作模式	Hydraulic rotation, 360° free rotation 液压回转，360°任意角度自由旋转

Outline Dimension 外形尺寸



Demolition Grapple
多功能抓

The strong fully integrated hydraulic rotator can withstand greater external force.

坚固的全集成式液压旋转器，可以承受更大的外力。

The wear-resistant steel is adopted to make the grapple with good wear resistance and long service life.

抓斗底部采用特殊耐磨钢，耐磨性好，使用寿命长。

The design of an integrated motor base reduces the wear of gear and rotary slewing support, which effectively protects tooth surface and prolongs its life time.

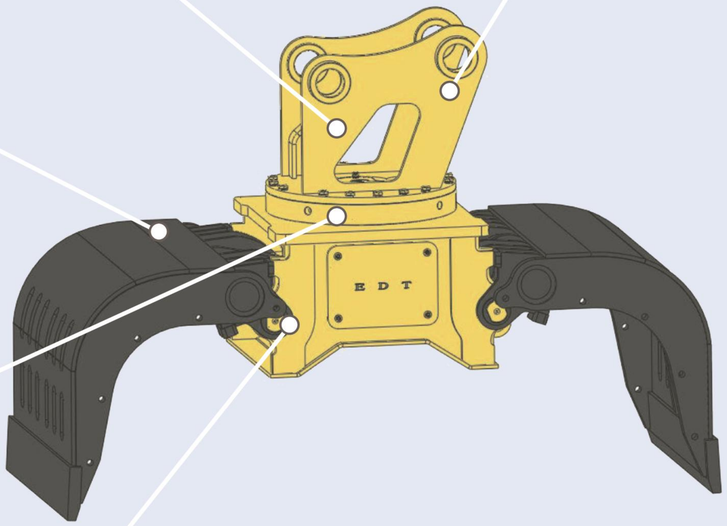
马达底座一体式设计，减少了齿轮与回转支撑的磨损，有效保护齿面，延长使用寿命。

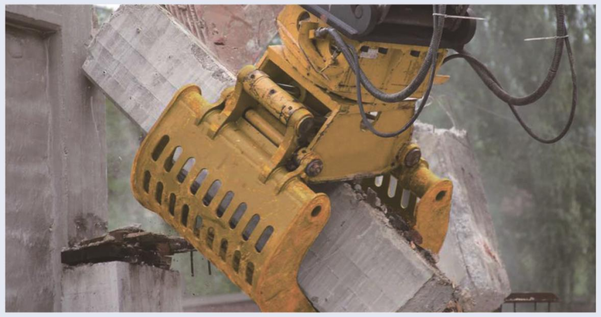
The large volume hydraulic cylinder greatly improves the grab capacity.

大容量液压油缸，极大提高了多功能抓的抓载能力。

With the design of double balance control valve, the shock on motor would be reduced greatly when the motor is in conversion and when it stops.

双平衡控制阀设计，大大降低了马达正反转转换及其停止动作时所受的冲击。

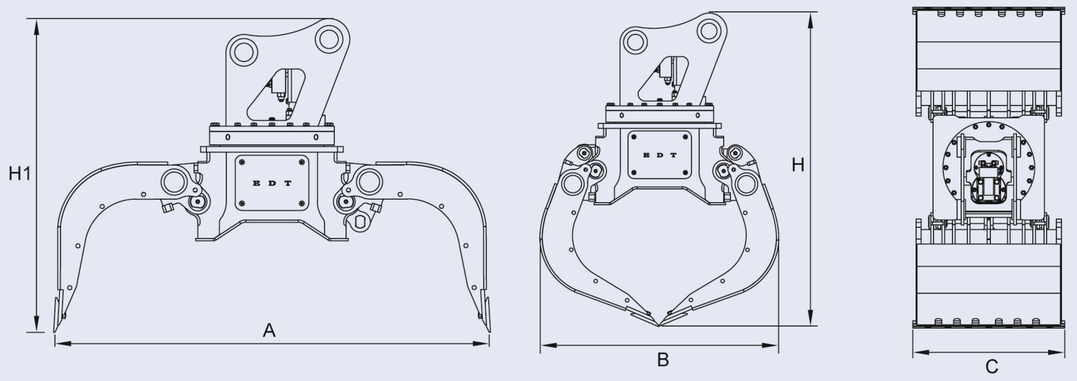




Specifications 技术参数

Specifications 技术参数		FMG03	FMG04	FMG06
Outline Dimension 外形尺寸	A	(In Developing)	(In Developing)	1900 mm
	B			1182 mm
	C			900 mm
	H			1588 mm
	H1			1340 mm
Total Weight	总　重	430kg	500kg	750kg
Capacity	容　量	0.23m³	0.3m³	0.5m³
Max. Grab Force	最大夹力	1600kg	1800kg	2700kg
Max. Open Width	最大张幅	1500mm	1600mm	1900mm
Grab Width	钳口宽度	700mm	750mm	900mm
Total Length	总　长　度	1250mm	1336mm	1586mm
Suitable Carrier	配用挖掘机	3-6.5 ton	7-11 ton	12-17 ton
Working Pressure	工作压力	160~180kg/cm²	160~180kg/cm²	180~220kg/cm²
Working Mode	工作模式	Motor rotary, 360°free rotation 马达驱动，360°任意角度自由旋转		

Outline Dimension 外形尺寸



Eagle Shear

鹰嘴剪

The High-strength support structure provides support during shearing large pieces.

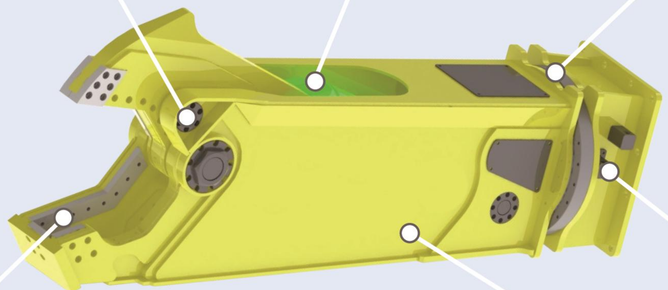
高强度支撑结构,为剪切大型钢结构时提供有力支撑。

The efficiency of Independent research and development of large-flow acceleration valve is 1.2-1.5 times higher than traditional control devices.

自主研发大流量加速阀,同比传统控制效率提升1.2-1.5倍。

Adopting hydraulic 360-degree slewing mechanism, and imported large displacement motor, the system is stable and the service life is long.

采用液压式360°无限制回转:进口大排量马达和高品质的回转机构,系统稳定,寿命长。



The external pipeline connection method is adopted, the pipeline installation is convenient, and it is not easy to wear.

采用外置式管路连接方式,管路安装方便,不易磨损。

The blade is imported from Germany, the strength and wear resistance are greatly improved, and the service life is long.

采用德国进口材质对比国内产品材质强度和耐磨大幅度提升,使用寿命长。

The whole body is designed with box structure, it is of light weight and high resistance.

主体采用箱式结构设计,重量轻,整体强度高。

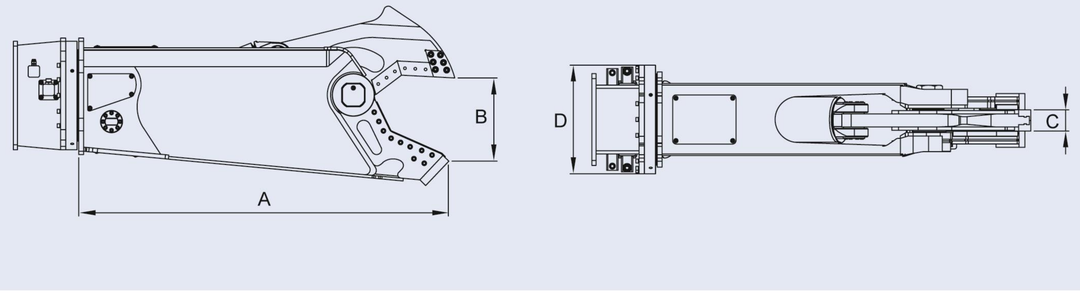
Specifications 技术参数

Specifications 技术参数		FCS08	FCS15	FCS20	FCS30
Outline Dimension 外形尺寸	A	1480 mm	1990 mm	2276 mm	2552 mm
	B	317 mm	465 mm	560 mm	656 mm
	C	103 mm	112 mm	130 mm	142 mm
	D	425 mm	616 mm	662 mm	732 mm
Weight	重 量	650 kg	1400 kg	2060 kg	2700 kg
Cutting Force (Max)	最大剪切力	2900 kN	3585 kN	4600 kN	6985 kN
Shearing Working Pressure	剪切工作压力	200-300 kg/cm²	200-300 kg/cm²	300-350 kg/cm²	300-350 kg/cm²
Shearing Working Flow	剪切工作流量	60-120 lpm	140-240 lpm	180-240 lpm	180-240 lpm
Rotary Working Pressure	旋转工作压力	60-90 kg/cm²	60-90 kg/cm²	140-160 kg/cm²	140-160 kg/cm²
Rotary Oil Flow	旋转工作流量	30-50 lpm	30-50 lpm	40-60 lpm	40-60 lpm
Shearing Oil Port	剪切部分油口	G1/2″	G1/2″	G1″	G1″
Rotary Oil Port	旋转部分油口	G3/8″	G3/8″	G3/8″	G3/8″
Suitable Carrier	适 配 挖 机	6-10 ton	10-16 ton	17-24 ton	25-35 ton
Working Mode	工 作 模 式	Motor driving, 360°free rotation 马达驱动，360°任意角度自由旋转			

Cutting Capacity 剪切能力

Type	Symbol	FCS08	FCS15	FCS20	FCS30
Round Steel	●	50 mm	50 mm	60 mm	70 mm
Pipe	○	244*9	244*9	265*9	380*9.5
Steel Plate	—	10 mm	10 mm	12 mm	16 mm
Square Steel	■	50 mm	50 mm	55 mm	65 mm
I Type Steel	⊢	28b	28b	36c	45c
H Type Steel	⊓	HM-244×175×7×11×13	HM-244×175×7×11×13	HM-340×250×9×14×13	HM-390×300×10×16×13

Outline Dimension 外形尺寸



Crusher (CR Type)

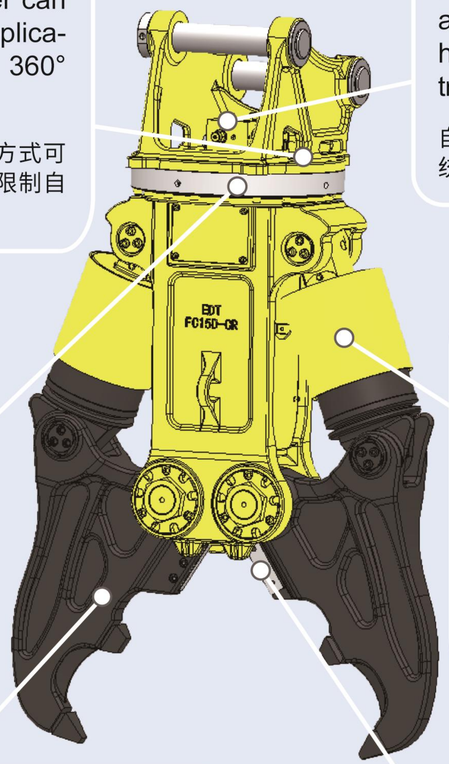
CR型合金铸造液压剪

The crusher provides two drive modes:hydraulic drive and mechanical drive. The crusher can provide a wide range of application and also can rotate 360° degrees freely.

液压驱动和机械制动两种驱动方式可供选择，适用范围广，可360°无限制自由旋转。

The efficiency of Independent research and development of large-flow acceleration valve is 1.2-1.5 times higher than traditional control devices.

自主研发大流量加速阀，同比传统控制效率提升1.2-1.5倍。



The high-quality slewing mechanism greatly improves the service life time of the device and the stability of the system.

高品质回转机构，大大提高了装置的使用寿命和系统的稳定性。

Adopt high-strength special oil cylinder, key components adopt integral forging process, high strength (pressure resistance 60Mpa).

采用高强度特质油缸，关键部件采用整体锻造工艺，强度高（耐压压力60Mpa）。

The whole structure is made of high-strength alloy casting, and the strength is increased by 1.5 times compared with the traditional plate welding structure.Specially designed triangular frame structure is stronger and more impact resistant.

整体结构采用高强度合金铸造，强度和寿命相比传统板材焊接提升1.5倍。剪鄂采用特殊设计的三角形框架结构，强度和耐冲击性更强。

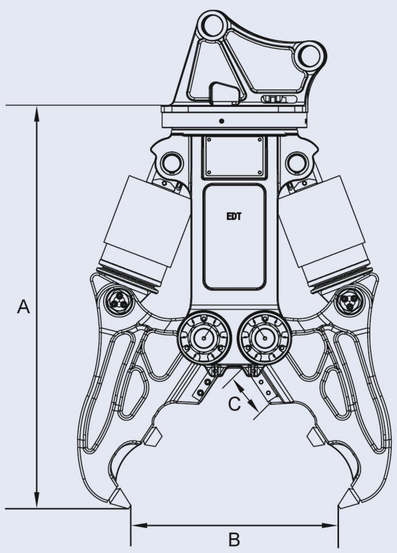
The blade is made of special wear-resistant alloy, with high strength, high toughness, long life, independent installation each side could be used alternately, easy replacement.

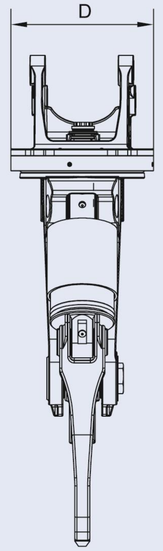
刀片采用特殊耐磨合金和热处理工艺制作，强度高、韧性高、寿命长，独立安装方式可多边使用，更换简单方便。

Specifications 技术参数

Specifications 技术参数		FC10D	FC15D	FC20D
Outline Dimension 外形尺寸	A	1227 mm	1800 mm	2043 mm
	B	620 mm	950 mm	1100 mm
	C	125 mm	185 mm	200 mm
	D	486 mm	662 mm	732 mm
Weight	重　　量	650 kg	1800 kg	2570 kg
Shear Working Pressure	剪切工作压力	200-300 kg/cm²	300-350 kg/cm²	300-350 kg/cm²
Shear Working Flow	剪切工作流量	60-120 lpm	140-240 lpm	180-240 lpm
Rotating Working Pressure	旋转工作压力	60-90 kg/cm²	140-160 kg/cm²	140-160 kg/cm²
Rotating Working Flow	旋转工作流量	30-50 lpm	40-60 lpm	40-60 lpm
Cutting Oil Port	剪切部分油口	G3/4”	G1”	G1”
Rotating Oil Port	旋转部分油口	G3/8”	G3/8”	G3/8”
Suitable Carrier	适配挖机吨位	11-16 ton	17-25 ton	26-35 ton
Working Mode	工 作 模 式	Mechanical or hydraulic type, 360° free rotation. 机械回转或液压回转，360°无限制自由旋转。		

Outline Dimension 外形尺寸





Crusher (CC Type)

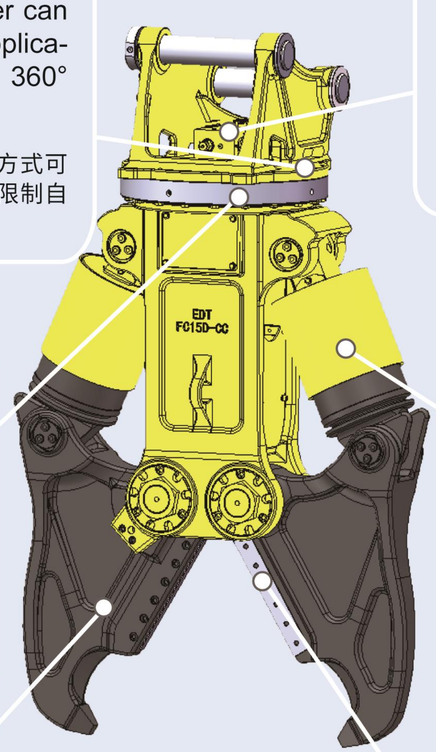
CC型合金铸造液压剪

The crusher provides two drive modes:hydraulic drive and mechanical drive. The crusher can provide a wide range of application and also can rotate 360° degrees freely.

液压驱动和机械制动两种驱动方式可供选择，适用范围广，可360°无限制自由旋转。

The efficiency of Independent research and development of large-flow acceleration valve is 1.2-1.5 times higher than traditional control devices.

自主研发大流量加速阀，同比传统控制效率提升1.2-1.5倍。



The high-quality slewing mechanism greatly improves the service life time of the device and the stability of the system.

高品质回转机构，大大提高了装置的使用寿命和系统的稳定性。

Adopt high-strength special oil cylinder, key components adopt integral forging process, high strength (pressure resistance 60Mpa).

采用高强度特质油缸，关键部件采用整体锻造工艺，强度高（耐压压力60Mpa）。

The whole structure is made of high-strength alloy casting, and the strength is increased by 1.5 times compared with the traditional plate welding structure.Specially designed triangular frame structure is stronger and more impact resistant.

整体结构采用高强度合金铸造，强度和寿命相比传统板材焊接提升1.5倍。剪鄂采用特殊设计的三角形框架结构，强度和耐冲击性更强。

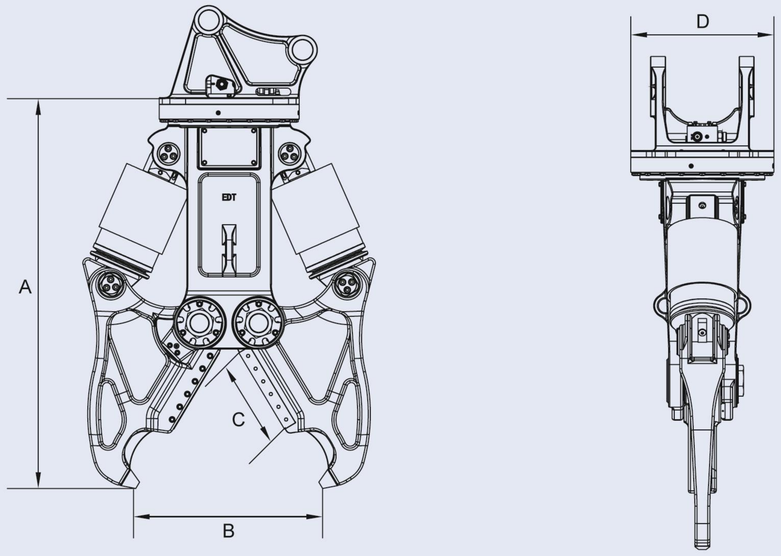
The blade is made of special wear-resistant alloy, with high strength, high toughness, long life, independent installation each side could be used alternately, easy replacement.

刀片采用特殊耐磨合金和热处理工艺制作，强度高、韧性高、寿命长，独立安装方式可多边使用，更换简单方便。

Specifications 技术参数

		FC08D	FC15D	FC20D
Outline Dimension 外形尺寸	A	1155 mm	1815 mm	2008 mm
	B	550 mm	850 mm	1000 mm
	C	240 mm	420 mm	480 mm
	D	486 mm	662 mm	732 mm
Weight	重　　量	535 kg	1895 kg	2550 kg
Shear Working Pressure	剪切工作压力	180-250 kg/cm²	300-350 kg/cm²	300-350 kg/cm²
Shear Working Flow	剪切工作流量	50-100 lpm	140-240 lpm	180-240 lpm
Rotating Working Pressure	旋转工作压力	60-90 kg/cm²	140-160 kg/cm²	140-160 kg/cm²
Rotating Working Flow	旋转工作流量	30-50 lpm	40-60 lpm	40-60 lpm
Cutting Oil Port	剪切部分油口	G3/4”	G1”	G1”
Rotating Oil Port	旋转部分油口	G3/8”	G3/8”	G3/8”
Suitable Carrier	适配挖机吨位	5-10 ton	17-25 ton	26-35 ton
Working Mode	工 作 模 式	Mechanical or hydraulic type, 360° free rotation. 机械回转或液压回转，360°无限制自由旋转。		

Outline Dimension 外形尺寸

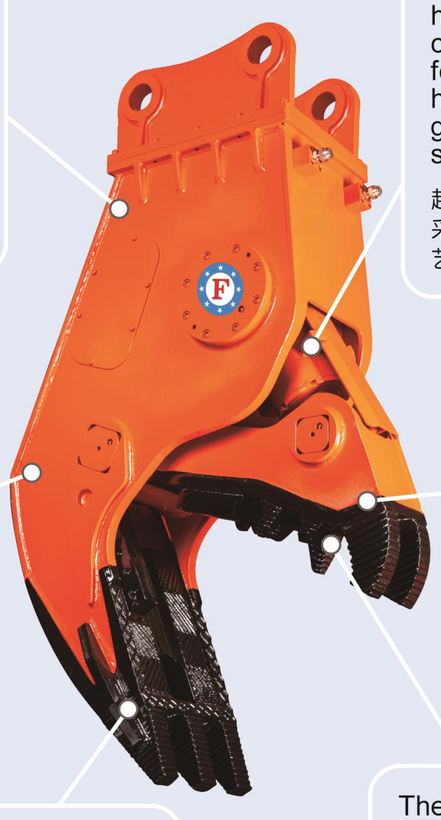


Hydraulic Pulverizer (Split Type)

二次粉碎钳(分体式)

The efficiency of Independent research and development of large-flow acceleration valve is 1.2-1.5 times higher than traditional control devices.

自主研发大流量加速阀,同比传统控制效率提升1.2-1.5倍。



The ultra high pressure hydraulic cylinder: The cylinder part adopts alloy forging and advanced heat treatment technology, and the compressive strength can reach 60MPa.

超高压液压油缸:油缸部件用采合金锻打和先进的热处理工艺,耐压强度可达到60MPa。

The special welding process of steel plate greatly improves the welding quality of the jaws.

特殊钢板焊接工艺,大大提高了颚口的焊接质量。

The diversified tooth plate has dense bite, which can make small particle size crushed.

多样化牙盘,咬合紧实,粉碎粒径小。

The jaw blade can be replaced and reversed at any based on an independent installation design, and the special fixing method can make the blade easily removed and also guarantee the cutting strength.

颚口刀片采用独立安装设计可随时更换反转,特殊固定方式,既方便拆卸又能保证剪断强度。

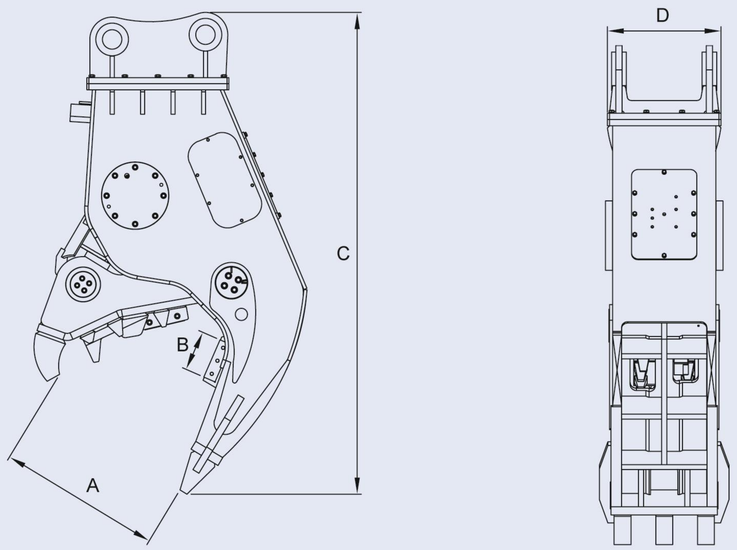
The movable jaw plate and fixed jaw plate are made of imported HARDOX steel, so the jaw plates are with light weight, high strength and strong wear resistance.

可动颚牙盘和固定颚牙盘采用进口HARDOX钢材制作,质地轻、强度高、耐磨性强。

Specifications 技术参数

Specifications 技术参数		FP20	FP30
Outline Dimension 外形尺寸	A	850 mm	1150 mm
	B	200 mm	240 mm
	C	2065 mm	2540 mm
	D	610 mm	758 mm
Total Weight	重　　量	1965 kg	3500 kg
Cutting Force (average)	剪切力(平均)	1600 kN	2870 kN
Smash force (end)	粉碎力(末端)	650 kN	1150 kN
Closing Working Pressure	闭合工作压力	300-350 kg/cm²	300-350 kg/cm²
Closing Working Flow	闭合工作流量	180-240 lpm	200-250 lpm
Suitable Carrier	适配挖机	18-27 ton	28-45 ton
Working Mode	工作模式	Fixed/固定式	Fixed/固定式

Outline Dimension 外形尺寸

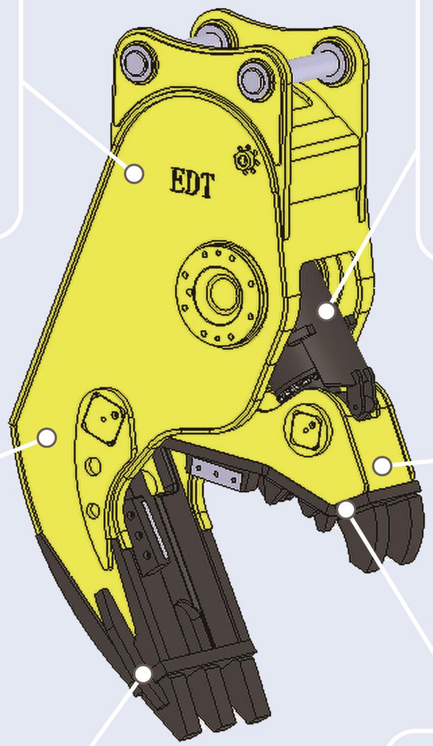


Hydraulic Pulverizer (Fixed Type)

二次粉碎钳(一体式)

The efficiency of Independent research and development of large-flow acceleration valve is 1.2-1.5 times higher than traditional control devices.

自主研发大流量加速阀,同比传统控制效率提升1.2-1.5倍。



The ultra high pressure hydraulic cylinder: The cylinder part adopts alloy forging and advanced heat treatment technology, and the compressive strength can reach 60MPa.

超高压液压油缸:油缸部件用采合金锻打和先进的热处理工艺,耐压强度可达到60MPa。

The special welding process of steel plate greatly improves the welding quality of the jaws.

特殊钢板焊接工艺,大大提高了颚口的焊接质量。

The diversified tooth plate has dense bite, which can make small particle size crushed.

多样化牙盘,咬合紧实,粉碎粒径小。

The jaw blade can be replaced and reversed at any based on an independent installation design, and the special fixing method can make the blade easily removed and also guarantee the cutting strength.

颚口刀片采用独立安装设计可随时更换反转,特殊固定方式,既方便拆卸又能保证剪断强度。

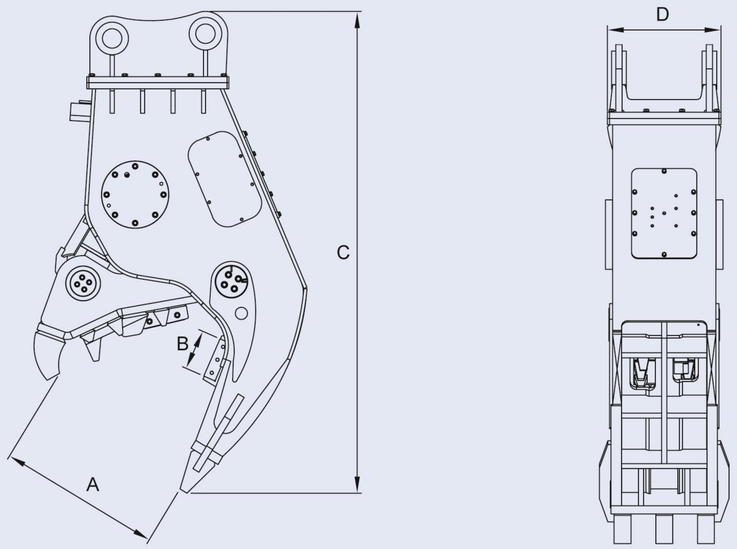
The movable jaw plate and fixed jaw plate are made of imported HARDOX steel, so the jaw plates are with light weight, high strength and strong wear resistance.

可动颚牙盘和固定颚牙盘采用进口HARDOX钢材制作,质地轻、强度高、耐磨性强。

Specifications 技术参数

Specifications 技术参数		FP20	FP30
Outline Dimension 外形尺寸	A	850 mm	1150 mm
	B	200 mm	240 mm
	C	2012 mm	2540 mm
	D	610 mm	758 mm
Total Weight	重　　量	1850 kg	3400 kg
Cutting Force (average)	剪切力(平均)	1600 kN	2870 kN
Smash force (end)	粉碎力(末端)	650 kN	1150 kN
Closing Working Pressure	闭合工作压力	300-350 kg/cm²	300-350 kg/cm²
Closing Working Flow	闭合工作流量	180-240 lpm	200-250 lpm
Suitable Carrier	适配挖机	18-27 ton	28-45 ton
Working Mode	工作模式		

Outline Dimension 外形尺寸

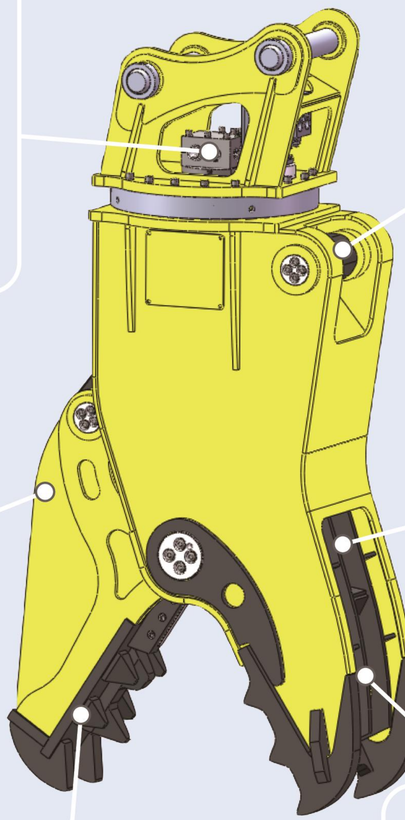


Hydraulic Pulverizer (Rotary Type)

二次粉碎钳(回转式)

The efficiency of Independent research and development of large-flow acceleration valve is 1.2-1.5 times higher than traditional control devices.

自主研发大流量加速阀,同比传统控制效率提升1.2-1.5倍。



The ultra high pressure hydraulic cylinder: The cylinder part adopts alloy forging and advanced heat treatment technology, and the compressive strength can reach 60MPa.

超高压液压油缸:油缸部件用采合金锻打和先进的热处理工艺,耐压强度可达到60MPa。

The special welding process of steel plate greatly improves the welding quality of the jaws.

特殊钢板焊接工艺,大大提高了颚口的焊接质量。

The diversified tooth plate has dense bite, which can make small particle size crushed.

多样化牙盘,咬合紧实,粉碎粒径小。

The jaw blade can be replaced and reversed at any based on an independent installation design, and the special fixing method can make the blade easily removed and also guarantee the cutting strength.

颚口刀片采用独立安装设计可随时更换反转,特殊固定方式,既方便拆卸又能保证剪断强度。

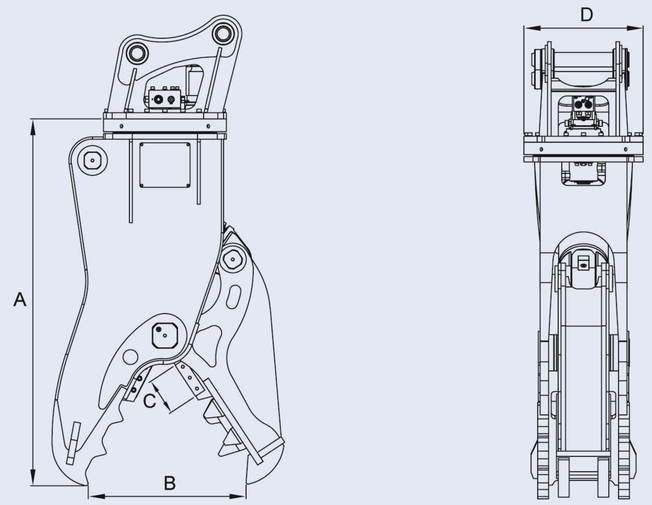
The movable jaw plate and fixed jaw plate are made of imported HARDOX steel, so the jaw plates are with light weight, high strength and strong wear resistance.

可动颚牙盘和固定颚牙盘采用进口HARDOX钢材制作,质地轻、强度高、耐磨性强。

Specifications 技术参数

		FRP20
Outline Dimension 外形尺寸	A	1980 mm
	B	850 mm
	C	200 mm
	D	662 mm
Opening Width	最 大 开 口	850 mm
Total Weight	重 量	2020 kg
Cutting Force (average)	剪切力 (平均)	2720 kN
Smash force (end)	粉碎力 (末端)	800 kN
Closing Working Pressure	闭合工作压力	300-350 kg/cm²
Closing Working Flow	闭合工作流量	180-240 lpm
Rotating Working Pressure	旋转工作压力	140-160 kg/cm²
Rotating Working Flow	旋转工作流量	40-60 lpm
Suitable Carrier	适 配 挖 机	20-30 ton
Working Mode	工 作 模 式	Rotary/回转式

Outline Dimension 外形尺寸



Hydraulic Shear

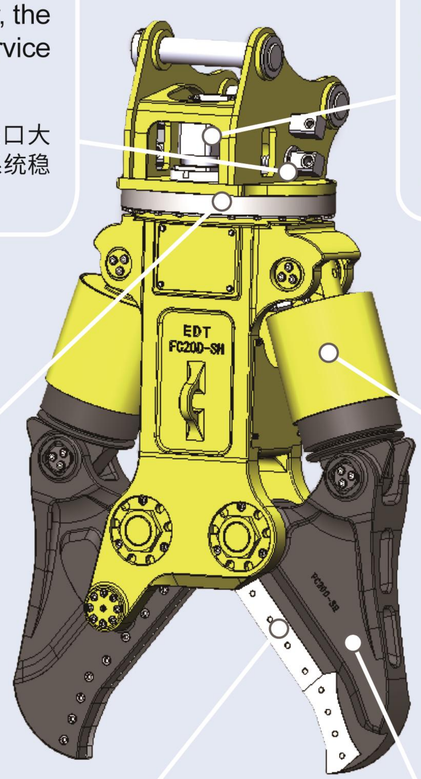
液压剪

Adopting hydraulic 360-degree slewing mechanism, and imported large displacement motor, the system is stable and the service life is long.

采用液压式360°无限制回转：进口大排量马达和高品质的回转机构，系统稳定，寿命长。

The efficiency of Independent research and development of large-flow acceleration valve is 1.2-1.5 times higher than traditional control devices.

自主研发大流量加速阀，同比传统控制效率提升1.2-1.5倍。



High-strength extended support structure provides strong support for the jaws during cutting the large-scale steel structures.

高强度延长式支撑结构为鄂口剪切大型钢结构时提供有力支撑。

Adopt high-strength special oil cylinder, key components adopt integral forging process, high strength (pressure resistance 60Mpa).

采用高强度特质油缸，关键部件采用整体锻造工艺，强度高（耐压压力60Mpa）。

The blade is imported from Germany, the strength and wear resistance are greatly improved, and the service life is long. The unique symmetrical design can guarantee the use of multiple edges, the costs is saved.

刀片采用德国进口材质，强度和耐磨性大幅度提升，使用寿命长，独特的对称式设计，可多边使用，节省成本。

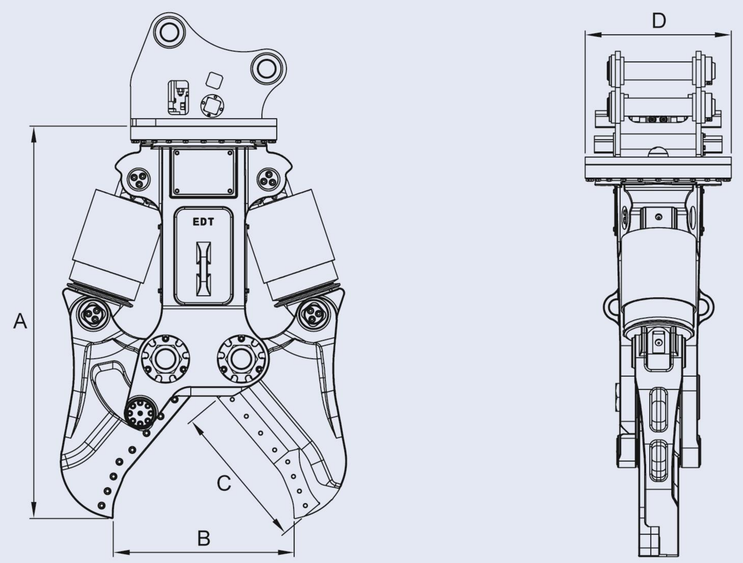
The whole structure is made of high-strength alloy casting, and the strength is increased by 1.5 times compared with the traditional plate welding structure.

整体结构采用高强度合金铸造，强度和寿命相比传统板材焊接提升1.5倍。

Specifications 技术参数

Specifications 技术参数		FC08D	FC15D	FC20D
Outline Dimension 外形尺寸	A	1188 mm	1790 mm	2015 mm
	B	360 mm	770 mm	900 mm
	C	380 mm	660 mm	730 mm
	D	486 mm	2200 kg	732 mm
Weight	重　　量	530 kg	300-350 kg/cm²	2940 kg
Shear Working Pressure	剪切工作压力	180-250 kg/cm²	140-240 lpm	300-350 kg/cm²
Shear Working Flow	剪切工作流量	50-100 lpm	140-160 kg/cm²	180-240 lpm
Rotating Working Pressure	旋转工作压力	60-90 kg/cm²	40-60 lpm	140-160 kg/cm²
Rotating Working Flow	旋转工作流量	30-50 lpm	G1”	40-60 lpm
Cutting Oil Port	剪切部分油口	G3/4”	G3/8”	G1”
Rotating Oil Port	旋转部分油口	G3/8”	17-25 ton	G3/8”
Suitable Carrier	适配挖机吨位	5-10 ton		26-35 ton
Working Mode	工 作 模 式	Mechanical or hydraulic type, 360° free rotation. 机械回转或液压回转，360°无限制自由旋转。		

Outline Dimension 外形尺寸



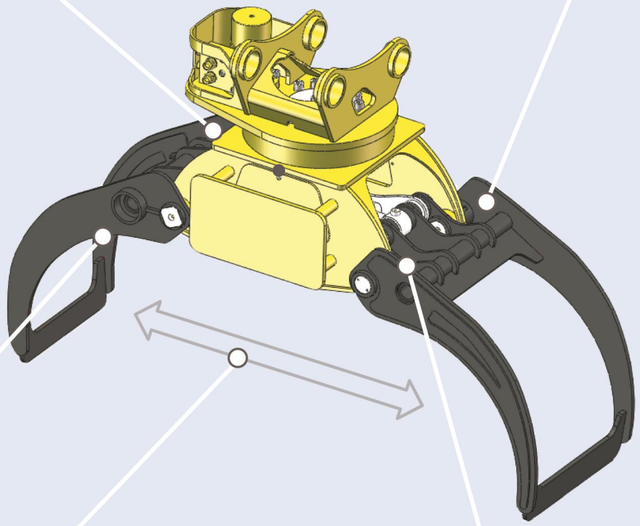
Log Grapple
原木抓

The imported motor and high-quality rotation mechanism are used to improve the life time of the rotating device and the stability of the system. It can rotate in 360° degrees freely .

采用进口马达和高品质的回转机构，提高了回转装置的寿命和系统的稳定性，可360无限制自由回转.

Using imported HARDOX wear-resistant steel, it has the characteristics of light weight, high strength and strong wear resistance.

采用进口HARDOX耐磨钢材，具有质地轻，强度高，耐磨性强的特点。



A variety of gripping teeth with different functions can be applied to different grabbing working conditions.

多种不同功能的抓齿，可适用于不同的抓取作业环境。

It has the characteristics of minimum weight but maximum grab opening width, compared to the same level equipment.

有同级别最小重量,最大抓斗开度特点。

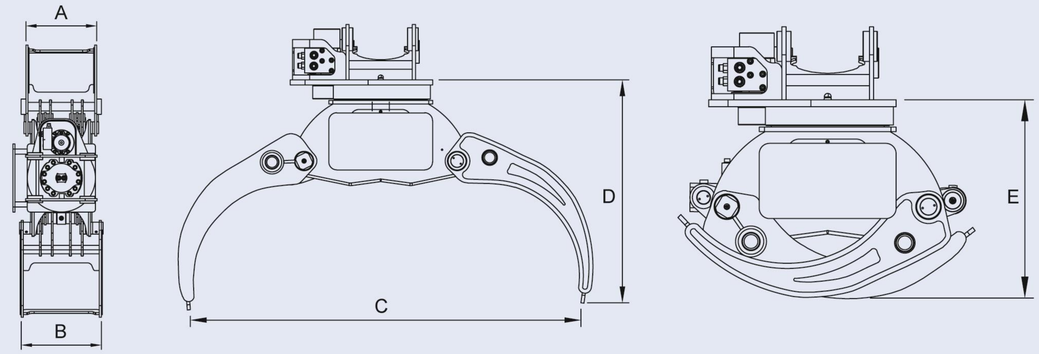
To use a special large-capacity oil cylinder to enhance the grasping force, and to prevent the oil cylinder fails during the grabbing process, the safety valve of the oil cylinder is designed to increase the product safety.

使用特质大容量油缸,增强抓载力量;为防止抓载过程中油缸失效，采用油缸安全阀设计增加产品安全性。

Specifications 技术参数

Specifications 技术参数		FGL03	FGL06
Outline Dimension 外形尺寸	A	415 mm	
	B	470 mm	
	C	1500 mm	
	D	1155 mm	
	E	580 mm	
Weight	重　　量	360 kg	730 kg
Operation Pressure (closed)	闭合工作压力	150-170 kg/cm²	160-180 kg/cm²
Operation Flow (closed)	闭合工作流量	90-110 L/min	100-140 L/min
Operation Pressure (rotating)	旋转工作压力	60-90 kg/cm²	140-160 kg/cm²
Operation Flow (rotating)	旋转工作流量	20-30 L/min	30-50 L/min
Grab Weight	抓 取 重 量	1500 kg	2000 kg
Suitable Carrier	适 配 挖 机	5-10 ton	12-16 ton

Outline Dimension 外形尺寸



The single-cylinder and double-claw linkage mechanism can accurately grab small items such as logs and sugarcane with high grasping efficiency.

单油缸双爪联动机构可准确抓载原木、甘蔗等小型物品，抓载效率高。

Orange Peel Grapple 橘瓣抓

Steel Scrap Grab 废钢抓

Optimizing the movement of oil cylinder can maximize the grabbing weight within the effective grabbing range and thereby shorten the machine running time, which improves work efficiency.

优化油缸动作，实现有效抓载范围内抓载重量最大化，从而缩短机械运行时间，提高工作效率。

The design of the claw structure is optimized to realize the minimum weight and maximum grab load at the same level.

抓爪结构设计优化，实现同级别最小重量、最大抓载开档。

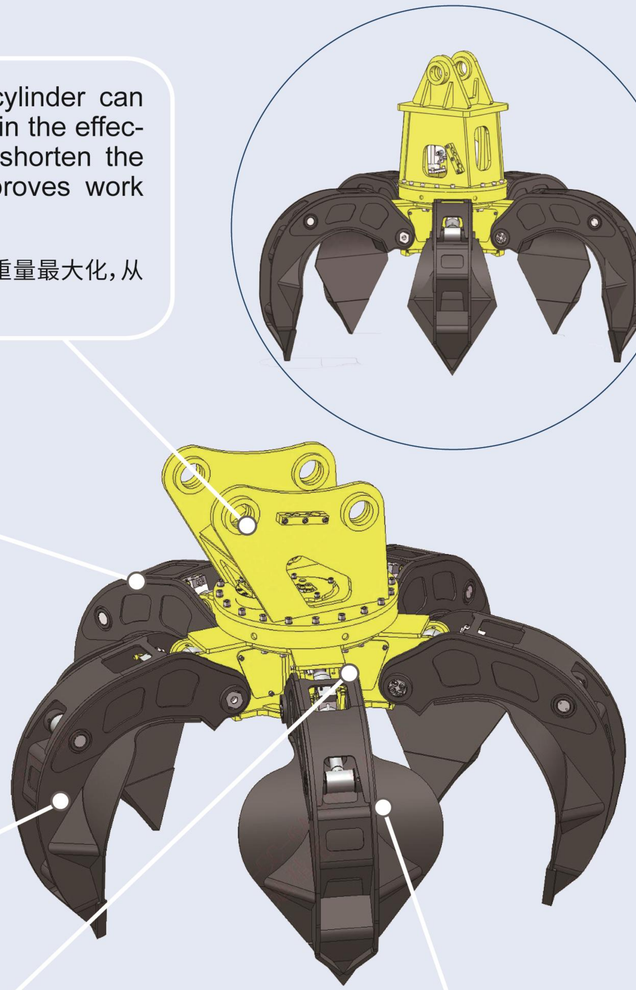
The specially designed meshing gear improves the bearing strength of gear, the load distribution during movement, the accuracy and stability of the transmission.

特殊设计的啮合齿轮，改善了齿轮的承载强度、运动过程中的载荷分布以及传动的准确性和平稳性。

The specially designed oil separator and flow control valve ensures the stability and synchronization of the entire hydraulic system.

特殊设计的分油器和流量控制阀保证了整个液压系统的稳定性及同步性。

H type



The special wear-resistant steel plate welding process not only improves the wear resistance of the claw, but also ensures the overall welding quality.

特殊耐磨钢板焊接工艺，既提高了抓爪耐磨强度，又保证了整体的焊接质量。

Specifications 技术参数		FOG06H	FOG08H	FOG10H
Maximum Opening	最大开口	1400 mm	1600 mm	1835 mm
Weight	重量	940 kg	1410 kg	1690 kg
Operation Pressure (Closed)	工作压力(闭合)	120-160 kg/cm²	140-180 kg/cm²	160-200 kg/cm²
Operation Flow (Closed)	工作流量(闭合)	50-100 L/min	80-120 L/min	100-140 L/min
Operation Pressure (Rotating)	工作压力(旋转)	80-120 kg/cm²	80-120 kg/cm²	80-120 kg/cm²
Operation Flow (Rotating)	工作流量(旋转)	30-50 L/min	30-50 L/min	30-50 L/min
Grab Weight	抓载重量	800 kg	1000 kg	1400 kg
Number of Peels	瓣数	4	5	5
Suitable Carrier	适配挖机	4-9 ton	10-16 ton	17-24 ton

Specifications 技术参数		FOG06	FOG08	FOG10
Maximum Opening	最大开口	1650 mm	1850 mm	2050 mm
Weight	重量	800 kg	1250 kg	1530 kg
Operation Pressure (Closed)	工作压力(闭合)	140-180 kg/cm²	160-200 kg/cm²	160-200 kg/cm²
Operation Flow (Closed)	工作流量(闭合)	80-120 L/min	100-140 L/min	130-180 L/min
Operation Pressure (Rotating)	工作压力(旋转)	80-120 kg/cm²	80-120 kg/cm²	80-120 kg/cm²
Operation Flow (Rotating)	工作流量(旋转)	30-50 L/min	30-50 L/min	30-50 L/min
Grab Weight	抓载重量	1100 kg	1500 kg	1700 kg
Number of Peels	瓣数	5	5	5
Suitable Carrier	适配挖机	10-16 ton	17-24 ton	25-35 ton

FC type claw

For scrap and sand

MO type claw

(Steel Scrap Grab)

For gravel and metal scrap

FO type claw

For scrap car frame and stone