

**BEIYI**  
MACHINERY

BORN  
FOR  
EFFICIENCY

为 | 效 | 率 | 而 | 生

**北奕机械**  
BEIYI MACHINERY

为 | 效 | 率 | 而 | 生  
BORN FOR EFFICIENCY

液压鹰嘴剪

**HYDRAULIC  
SHEAR**

SHEAR STRENGTH  
**485**  
Ton

剪切力度达485T

DAILY WORKLOAD  
**120**  
Ton

日工作量可达120T

**北奕机械**  
BEIYI MACHINERY

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适用于钢结构拆除和废钢料处理.....

无锡市北奕挖掘机配件制造厂  
Wuxi BeiYi Excavator Parts Factory



## 液压鹰嘴剪介绍

# INTRO DUCE

液压鹰嘴剪是一种前端属具,用于与挖掘机配套使用。它得名于其外形,类似于老鹰的嘴巴。液压鹰嘴剪通过液压系统提供动力,实现刀头的运动和夹槽的开合。当操作手柄或控制阀启动时,液压油会进入油缸,推动活塞运动,进而带动刀头和夹槽的动作。通过调整控制阀的位置,可以实现鹰嘴剪的不同工作模式,如剪切、夹持、抬起等。因此液压鹰嘴剪是一种既实用又高效的移动废钢拆解机和报废汽车拆解设备。

The hydraulic olecranon shear is a front-end attachment for use with an excavator. It gets its name from its shape, which resembles the beak of an eagle. The hydraulic olecranon scissors are powered by a hydraulic system to realize the movement of the cutter head and the opening and closing of the clamping groove. When the operating handle or control valve is activated, the hydraulic oil will enter the oil cylinder and push the piston to move, thereby driving the action of the cutter head and the clamping groove. By adjusting the position of the control valve, different working modes of the olecranon shears can be realized, such as cutting, clamping, lifting, etc. Therefore, the hydraulic olecranon shear is a practical and efficient mobile scrap dismantling machine and scrap car dismantling equipment.

# HYDRAULIC SHEAR

### 上刀座 Upper knife seat

采用焊达钢板制成,具有高强度、高精度和高效特性。活动上刀座的设计灵活性、减少磨损和压力、提高剪切效率、易于维护和更换以及提高设备稳定性等方面。可以大大提高鹰嘴剪在使用过程中的效率和可靠性,从而更好地完成剪切和破碎工作。

It is made of welded steel plate, which has the characteristics of high strength, high precision and high efficiency. The design flexibility of the movable upper knife seat, the reduction of wear and pressure, the improvement of shearing efficiency, the ease of maintenance and replacement, and the improvement of equipment stability, etc. It can greatly improve the efficiency and reliability of the olecranon shears during use, so as to better complete the cutting and crushing work.

### 下刀座 Lower knife seat

采用高强度钢材加工,弧度和斜度设计,可以更好的夹紧和固定被剪切的材料。下刀片可翻转4个刀面缩小使用成本。

Using high-strength steel processing, radian and slope design, can better clamp and fix the sheared material. The lower blade can turn over 4 edge faces to reduce the cost of use.

### 壳体 case

采用高强度合金钢加工,具有极强的耐磨耐腐蚀性,能够承受较高的压力和稳定。

It is processed by high-strength alloy steel, which has strong wear resistance and corrosion resistance, and can withstand high pressure and stability.



### 旋转马达 rotary motor

搭配旋转马达,实现双向360°旋转,操控更加简单便捷

Equipped with a rotary motor to achieve two-way 360° rotation, the control is simpler and more convenient.

### 减速齿轮箱 Reduction gearbox

带减速齿轮实现旋转的平稳调节,避免液压冲击对设备的损坏。

It is equipped with a reduction gear to achieve smooth adjustment of the rotation, avoiding damage to the equipment caused by hydraulic shock.



### 尾座 Tailstock

旋转后尾座可以在作业过程中更加稳定,减少了由于挖掘力量不平衡而导致的晃动或失衡情况,提高作业的精度和安全性。旋转后尾座采用耐磨性能较好的材料制造,能够承受挖掘作业过程中的高强度摩擦和磨损,延长了使用寿命。

The rotating rear tailstock can be more stable during operation, reducing shaking or imbalance caused by unbalanced digging force, and improving the accuracy and safety of operation. The rotating rear tailstock is made of materials with good wear resistance, which can withstand high-intensity friction and wear during excavation operations, prolonging the service life.

### 增速阀 Booster valve

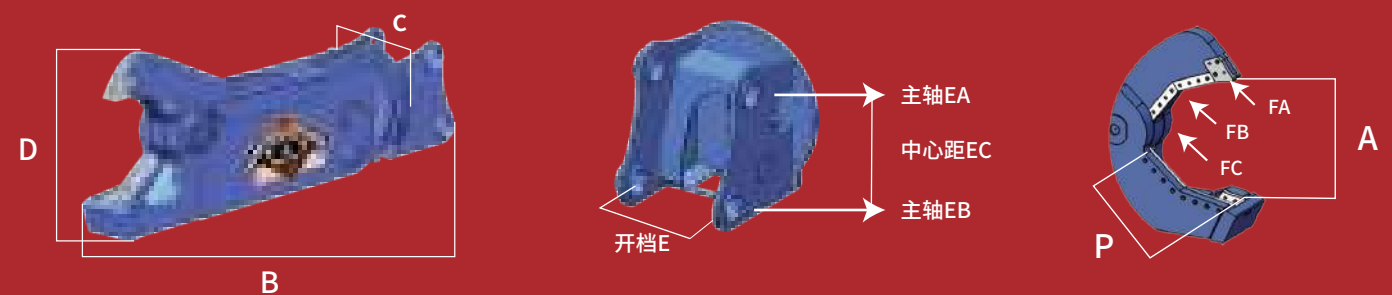
搭配增速阀,实现对液压油流量的精确控制,提高鹰嘴剪的工作效率和精度。

Combined with speed-increasing valve to realize precise control of hydraulic oil flow and improve the working efficiency and precision of olecranon shears.



## 鹰嘴剪参数 PARAMETER

型号 Model		BYMS260R	BYMS360R	BYMS460R	BYMS610R	BYMS810R	BYMS1000R	
重量 Weight	KG	580	1166	1680	2522	3766	5266	
油缸流量 Cylinder Flow	L/min	72-102	72-102	102-201	151-250	299-504	602-799	
油缸压力 Cylinder pressure	MPa	26	27	32	32	32	32	
旋转流量 Rotary Flow	L/min	19-22	19-22	19-22	19-22	19-22	49-61	
旋转压力 Rotary pressure	MPa	11.6	11.6	11.6	11.6	11.6	11.6	
开口 Opening	mm A	250	360	480	600	800	1030	
深度 Depth	mm P	252	392	485	557	636	875	
主轴线 Main shaft force	TONS	300	388	799	1236	1898	2387	
力 Force	TONS FA	40	50	90	130	205	250	
力 Force	TONS FB	80	85	165	266	410	485	
力 Force	TONS FC	160	176	360	610	930	1200	
适配挖机 Hydraulic excavator	TONS	6-10	10-15	20-25	20-40	30-60	40-80	
接大臂挖机 Suits Excavator/boom mounting	TONS	3-10	6-15	10-25	18-40	20-60	25-80	
剪刀尾座数据 mm Shear tailstock size	轴 Shaft	EA/EB	45-80	55-80	80-90	80-110	90-125	
	开档 width	E	160-225	170-306	260-400	300-430	350-490	
	中心距 Pin-center distance	EC	265	400	460	520	570	
外观尺寸 Dimension mm	长宽高 length*width*height	B*C*D	1880*556*448	2459*600*716	2900*650*930	3300*800*1037	3725*840*1314	3891*900*1505



## 关联配件 ACCESSORIES

- 刀片 blade
- 密封件 Seals
- 箱体主轴锁紧盘 Housing spindle locking disc
- 油缸总成 Cylinder Assembly
- 旋转马达 rotary motor
- 剪刀主轴 Scissor spindle
- 平衡阀 balance valve
- 增速阀 Booster valve
- 电控 Electric control