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MBI[®] DIGITAL CATALOGUE



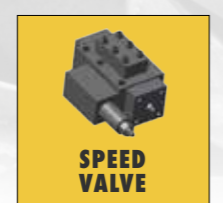
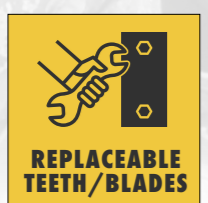
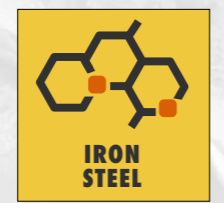
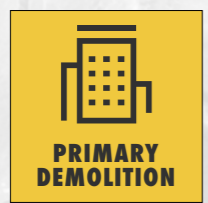


WWW.EAGLESHEARS.COM



SH

SHEARS



FAST AND EFFECTIVE DEMOLITION

SH EAGLE 2



SH EAGLE 3



Video at work



The shear is designed to demolish **iron and steel** structures or buildings, large means of transport such as aircraft or boats, tanks and cisterns.



The ideal tool for **scrap and recycling** of ferrous material destined for new life.



Redesigned jaws and increased cutting force allow for high level performance in metal cutting.



Interchangeable tip and blades make maintenance simple and quick, keeping the tool at full efficiency



The **Speed-Valve** reduces opening and closing times, improving productivity.



The continuous **hydraulic rotation** enables precise positioning in high reach demolition and the double-row thrust bearing ensures high robustness and increases safety.



The **quick and easy routine maintenance** allows to reduce intervention times and costs.



Real-time tracking of equipment performance.





NEW SHEAR GENERATION

New Compact Frame

The new design features a **smaller frame**, a unique weight-performance-ratio and **greater stability** of the excavator thanks to the center of gravity being moved to the rear.



Up To 30% More Cutting Force

The Eagle 3 line has been designed to **increase the cutting force** on all models, the new design of the jaws allows up to **9% larger opening** to maximize work when scrapping.



New Water Jet Cut Jaws

Lower and upper jaws are **cut with high-pressure water jet** from 160 mm thick **Hardox®** steel plate and then completely milled to keep the mechanical characteristics of the steel unchanged and to avoid possible weakening due to high temperatures during both, the cutting process and the machining phase.



New Cutting System

A single integrated guide puck allows the upper jaw to use **100% of the cutting capacity** even at difficult angles, such as when cutting tanks and reduces the deflection of the upper jaw. This results in increased productivity.

New Upper Jaw Design

Machined in every part, completely redesigned to operate with absolute stability and precision, **made from a single element without welding**; equipped with a new type of exchangeable piercing tip that offers greater protection and reliability, with easier maintenance, reduced costs and downtime. The **blade seats are milled from the solid** to increase resistance.



New Oversized Cylinder

The cylinder is inverted to protect the rod inside, the enlarged bore develops **more power** by **accelerating the cycles** (opening and closing speed). **Completely forged rod from the solid**, ensuring superior resistance compared to a conventional cylinder. Equipped with **premium quality seals** that can last up to **3.000 hours**.

New Armored Plates

The most heavily used parts are **armored** with interchangeable **Hardox® 500** steel plates installed on the jaw profiles to avoid frequent maintenance operations that could affect the operational readiness of the shear



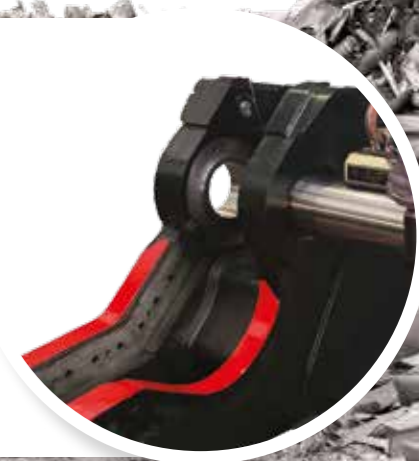
The **armoring** allows the shear to resist any impact without altering their structure, maintaining a very **high level of wear resistance**. Once worn, the armored parts can be replaced, restoring the longevity of the equipment.

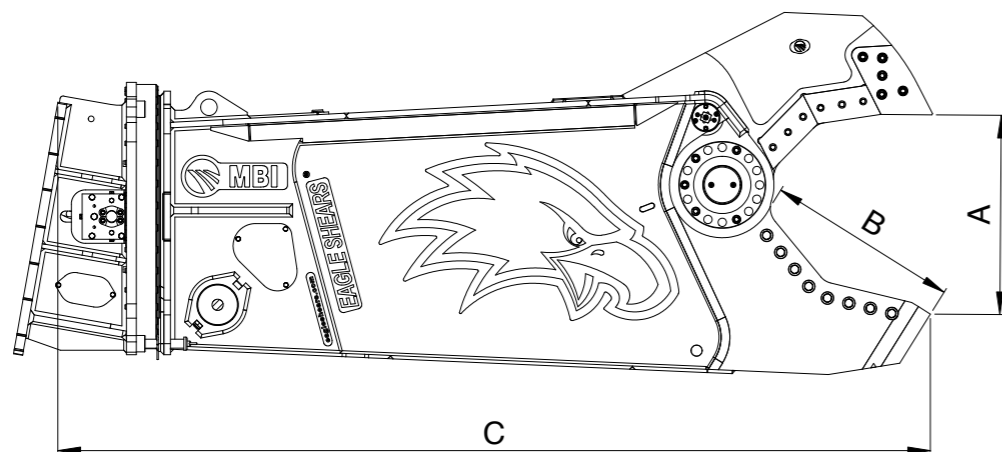
Real-time Tracking

The **Smart Box** controls the attachment remotely thanks to 9 different sensors, including GPS, hour counter and shock detector.

Easy Maintenance

The EAGLE III series is designed to **maximize its durability** and to be maintained without complex interventions. The heavy-duty pivot components contribute to durability and long life, the central pin of the shear can be easily removed, directly on job-site with **simple and quick interventions**.





DATA SHEETS

RIF. 97874-E 04/21 REV.09 BT SH25-50 08 - SH100-900 11 - SH2000 02 - SH-F 08



MODEL	DIMENSIONS			WEIGHT			
	A	B	C	EXCAVATOR WEIGHT (bucket place)	EXCAVATOR WEIGHT (stick place)	ATTACHMENT WEIGHT (with adapter)	
	mm	mm	mm	t	t	kg	
360° HYDRAULIC ROTATION	EAGLESHEARS 2						
	SH25R	195	200	1350	5-7	2-4	380
	SH50R	290	290	1900	7-10	4-6	650
	SH100R	375	395	2000	11-13	7-10	1100
	SH130R	375	395	2100	13-17	8-12	1220
	SH180R	445	525	2700	18-25	14-18	2100
	SH310R	565	630	3300	30-40	20-28	3300
	SH410R	670	720	3700	45-55	28-39	4700
	SH550R	760	780	3950	55-65	39-45	5750
	SH700R	830	840	4300	75-85	45-60	7700
	SH900R	940	950	4600	90-110	60-80	10100
	SH2000R	1200	1200	6000	170-200	110-150	21000
	EAGLESHEARS 3						
	SH250R	530	570	2700	24-29	17-19	2600
SH320R	620	640	2975	30-40	20-28	3300	
SH490R	730	760	3450	45-55	28-39	5150	
SH600R	SOON AVAILABLE						
SH800R	900	890	3980	75-85	45-60	8700	
SH1500R	1100	1100	4800	120-170	80-110	15000	
SH2200R	SOON AVAILABLE						

HYDRAULIC			CUT		
WORKING PRESSURE	OIL FLOW	SPEED-VALVE	IPE	HEA	HEB
bar	l/min		mm	mm	mm
EAGLESHEARS 2					
200-250	60-100	○	120	100	-
250-300	80-100	○	200	120	80
250-300	90-110	●	240	200	120
250-300	90-110	●	240	200	120
320-350	150-200	●	360	280	200
320-350	200-250	●	500	340	280
320-350	250-300	●	600	400	300
320-350	275-375	●	700	500	360
320-350	500-600	●	800	650	450
320-350	600-700	●	900	700	500
320-350	700-1000	●	1100	1000	800
EAGLESHEARS 3					
320-380	200-250	●	450	280	200
320-280	250-300	●	500	340	260
320-380	300-350	●	600	400	300
SOON AVAILABLE					
320-380	600-700	●	800	700	500
320-380	800-1000	●	1000	800	650
SOON AVAILABLE					

* Tool weight does include Mantovanibenne top bracket.
 ○ Not available ● Available



SH-F

FIXED SHEARS LINE

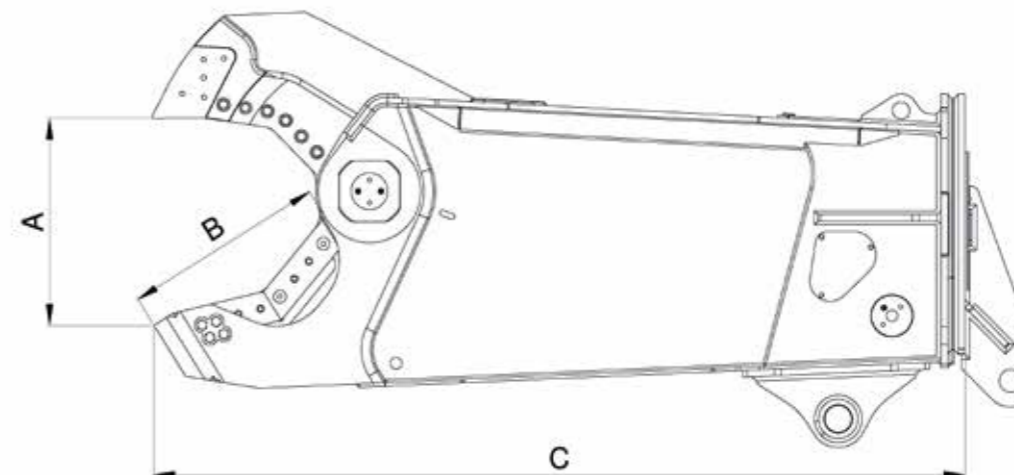
SH EAGLE 2

When **power** is more important than maneuverability, a shear without rotation can be the right choice.

The fixed version is **sensibly lighter and shorter** compared to the equivalent rotating model, hence the same excavator can carry a bigger and more powerful shear.

NEW

SH EAGLE 3



The new Eagle 3 fixed version is even shorter than the Eagle 2 version, offering improved performance with reduced overall dimensions.

	MODEL	DIMENSIONS		
		A	B	C
		mm	mm	mm
NO HYDRAULIC ROTATION	EAGLESHEARS 2			
	SH310F	565	630	2850
	SH410F	670	720	3200
	SH550F	760	780	3500
	SH700F	830	840	3730
	SH900F	940	950	4070
	SH2000F	1200	1200	5400
	EAGLESHEARS 3			
	SH250F	530	570	2350
	SH320F	620	640	2600
	SH490F	730	760	3000
	SH600F	SOON AVAILABLE		
	SH800F	900	890	3550
	SH1500F	1100	1100	4400
	SH2200F	SOON AVAILABLE		

EXCAVATOR WEIGHT (bucket place)	WEIGHT		HYDRAULIC		
	EXCAVATOR WEIGHT (stick place)	ATTACHMENT WEIGHT (with adapter)	WORKING PRESSURE	OIL FLOW	SPEED-VALVE
	t	kg	bar	l/min	
EAGLESHEARS 2					
25	15	2800	320-350	200-250	●
32	20	4100	320-350	250-300	●
320-350	25	5250	320-350	275-375	●
40	30	6750	320-350	500-600	●
60	40	9100	320-350	600-700	●
140*	100*	19500	320-350	700-1000	●
EAGLESHEARS 3					
22	15	2400	320-350	250-300	●
27	18	3000	320-250	300-350	●
32	20	4400	320-350	600-700	●
SOON AVAILABLE					
60	30	7000	320-350	600-700	●
100*	70*	12500	320-380	800-1000	●
SOON AVAILABLE					

○ Not available

● Available

*contact sales back office