

### SPECIFICATIONS

Model	(1) Excavator Weight		(1) Excavator Weight		(2) Attachment Weight		Jaw Opening		Jaw Depth		(3) Reach	
	2nd Member Lbs.	M Tons	3rd Member Lbs.	M Tons	Lbs.	Kg.	in.	mm	ft.	mm	ft.	M
<b>MSD 1000</b>	20,000	9	35,000	16	4,000	1,818	19	482	20	508	5'11"	1.8
<b>MSD 1000R</b>	23,000	10	40,000	18	4,400	2,000	19	482	20	508	9'10"	3
<b>MSD 1500</b>	27,000	12	55,000	25	6,600	3,000	22	559	25	635	6'2"	1.9
<b>MSD 1500R</b>	40,000	18	66,000	30	7,100	3,227	22	559	25	635	9'3"	2.8
<b>MSD 2000</b>	42,000	20	70,000	32	8,500	3,863	28	711	29	737	8'8"	2.6
<b>MSD 2000R</b>	50,000	23	90,000	41	10,200	4,236	28	711	29	737	11'8"	3.5
<b>MSD 2500</b>	50,000	23	90,000	41	11,600	5,273	32	813	34	864	10'7"	3.2
<b>MSD 2500R</b>	70,000	32	110,000	50	14,500	6,591	32	813	34	864	12'6"	3.8
<b>MSD 3000</b>	70,000	32	144,000	65	13,300	6,045	35	889	38	965	9'10"	3.0
<b>MSD 3000R</b>	95,000	43	160,000	73	16,500	7,500	35	889	38	965	14'6"	4.4
<b>MSD 4500</b>	90,000	41	160,000	73	17,900	8,136	38.5	978	43.5	1,105	10'4"	3.15
<b>MSD 4500R</b>	110,000	50	185,000	84	20,500	9,318	38.5	978	43.5	1,105	15'6"	4.7
<b>MSD 7500</b>	135,000	61	consult factory		25,500	11,590	43	1092	45	1,143	11'10"	3.6
<b>MSD 7500R</b>	160,000	73	275,000	125	29,500	13,409	43	1092	45	1,143	15'7"	4.7

(1) Excavator weight recommendation is based on standard excavator weights and boom and/or arm lengths. All applications must be approved by Stanley LaBounty prior to sale.

(2) Attachment weights can vary +/- 5% , depending upon mounting bracket configuration. The bolt-on cylinder lug option will add approximately 500-600 pounds to the above weights. The bolt on bracket configuration is standard for the MSD 1000(R) and 1500(R).

(3) Reach figures indicate the typical distance from the boom /arm tip of the base machine to the tip of the shear. Actual reach will vary depending upon the excavator boom/arm combination. Where reach is critical to a particular application, please contact Stanley LaBounty.

Note: Weights, dimensions and operating specifications listed on this sheet are subject to change without notice. Where specifications are critical to your application,

**Stanley LaBounty® MSD Saber Series Mobile Shears** are designed for maximum power, speed, reduced maintenance and longevity. Key features include:

**LaBounty Built, Reversed Cylinder / Reduced Shroud Height** means better visibility and the ability to withstand extreme environments. The forged, solid cylinder rod is fully protected inside the back of the stick. The cylinder barrel is made from high strength steel and is heavy walled. All Saber Series models are designed to withstand up to 5500 PSI operating pressures.

**180° Reversible, bolt on Saber Tip.** The MSD Saber series features the patent pending Saber Tip which can be changed out in under 20 minutes. The result is a significant reduction in maintenance and downtime. Also, because it is reversible, you maximize your parts investment.

**Dual Guide Slide Puck System.** A LaBounty original, the use of opposing and offset guide mechanisms for the upper jaw on both sides of the shear increases upper jaw life & blade life, reduces jamming and increases productivity (models 2000 & up).

**Patented, Spool Type Speed Valve For Fastest Cycle Times.** The proprietary spool type speed valves used by LaBounty have proven themselves to be the most reliable and durable valve on the market, much more so than cartridge valve types.

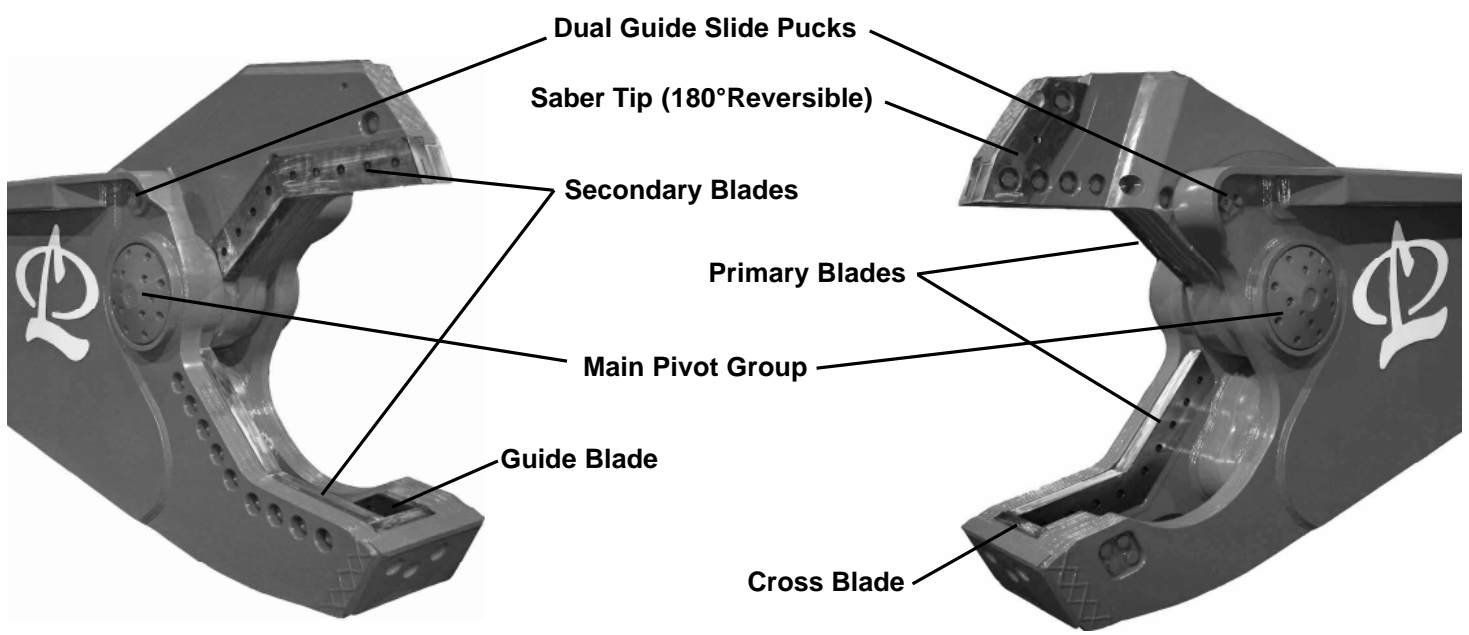
**Heavy Duty Pivot Components** – All Saber Series Shears have upgraded, larger pivot components for longer life. End caps are protected 360° using heavy walled tube shrouds.

**Patented 4 Way Indexible Cutting Blades, Guide Blade and Nose Blade System** – All LaBounty Saber Series Shear blades are fully 4 way indexible, maximizing parts utilization and reducing operating costs.



- a) **Cross Blade** – The cross blade is keyed or doweled and runs the entire width of the cutting surfaces (cutting blade and guide blade), significantly reducing maintenance in this critical area. Removal is fast and easy.
- b) **Tapped Cutting Blades and Guide Blade** – For easy installment and removal.

<b>MSD SABER SERIES ACCESSORIES AND WEAR PARTS</b>
The items listed below are available for all MSD Saber Series Models
- Internal Hydraulic Rotation Kit (factory installed inside rotation head) & - External Hydraulic Rotation Kit (dealer or end-user installed on excavator)
- Magnet Lifting Eye and Cable Hanging Lugs
-At-Factory Upgrade and Rebuilding Services
- 3rd Member to 2nd Member Adapter Brackets
- Attachment's Bracket/Lugs to fit other manufacturer's quick attachment systems (3rd member mounts)
-Custom Brackets for Travel Height Restrictions, High Reach Machines, etc.
-Special seals and other components for use in marine applications
- Optional, bolt-on cylinder lug for non-rotating models- allows a customer ordering a non-rotator to convert to a rotator by replacing the bolt-on boom cylinder lug with a rotational head.



**MSD Saber Shear Operation**

LaBounty Mobile Shear controls will vary with the type of base machine on which the shear is mounted and depending on whether it is mounted as a second or third member.

Both rotating and non-rotating shears require a full-flow, full-pressure hydraulic circuit to operate the jaw open and close function. In some cases, dual pump flow to reduce the cycle time may be recommended.

Rotating shears require an additional circuit for the rotation function. Stanley LaBounty offers two rotation kits, one which is factory installed in the attachment and one which is dealer or end-user installed on the excavator. Please consult the Stanley LaBounty Inside Sales Department, your Regional Manager or Authorized Dealer for further information on these options.

**MSD Saber Shear Applications**

LaBounty Saber Series Shears are specifically designed for scrap processing, demolition work and road and bridge reconstruction. They cut a variety of materials including structural steel (I beams, H beams and Channel), pipe, rebar, cable, railcars, ships, wire, concrete, brick or block, plus many non-ferrous metals as well.

**Warranty:** The MSD Saber Series Shears carry a 12 month or 1500 hour warranty against defects in material and workmanship. Stanley LaBounty reserves the right to repair or replace only those parts that prove to have been defective at the time of purchase. Ask your Stanley LaBounty dealer to explain this warranty in detail.

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