

50  **LABOUNTY**

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MSD 7R

MOBILE SHEARS

Stanley LaBounty MSD 7R Mobile Shears are ideal for cutting ferrous scrap, nonferrous scrap and concrete in both scrap processing facilities and demolition sites where maneuvering in tight areas is required. Ideally suited to both mini-excavators and skid steer loaders, this tool has proven itself to be extremely versatile.

The MSD 7R features 4 way indexible, bolt-on cutting blades, maximizing your wear part investment and making it easy to maintain. A large bore, heavy duty cylinder is designed specifically for this product to insure maximum cutting force and longevity. A 360°, continuous rotation, heavy duty bearing and motor allow precise placement of the jaws at any angle.

Built to Last - The upper and lower jaws are made from durable, high strength castings while the body is made from high strength plate steel. The hydraulic cylinder is designed for heavy, continuous duty. The rotation bearing and motor are designed to withstand the full force of the machine's boom and arm.

MSD 7R MOBILE SHEARS



ACCESSORIES AND WEAR PARTS

- 4 WAY INDEXIBLE CUTTING BLADES
- WELD-IN REPLACEABLE PIERCING TIP
- SHEAR INSTALLED SELECTOR VALVE TO SUPPLY OIL FOR ROTATION (ELIMINATES NEED FOR 2ND ADDITIONAL CIRCUIT)
- MINI EXCAVATOR / SKID STEER ADAPTER BRACKET

SPECIFICATION TABLE

Model	(1) Excavator Weight 2nd Member		(1) Excavator Weight 3rd Member		(1) Skid Steer Weight		(2) Attachment Weight		Jaw Opening		Jaw Depth		(3) Reach	
	lbs	m tons	lbs	m tons	lbs	m tons	lbs	kg	in	mm	in	mm	ft	m
MSD7R	7,500	3.4	15,000	7	6,500	3	1,100	500	11	280	11	280	5'0"	1.5

(1) Excavator and skid steer weight recommendation is based on standard, published 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
 (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.

APPETITE GUIDE

The appetite data in the chart below are typical. Please call Stanley LaBounty for any other appetite or application questions.

I-Beam		Plate		Solid Round		Pipe		Concrete	
in	mm	in	mm	in	mm	in	mm	in	mm
7	178	.25	7	1.25	32	5	127	8	203

HYDRAULIC REQUIREMENTS

STANLEY LaBounty offers two cylinder sizes to optimize the performance of the MSD 7R Mobile Shear. Recommended Pressure and flow ranges are as follows:

Function	Pressure	Flow
OPEN & CLOSE	3600-4350 PSI (248-300 Bar)	17-25 GPM (64-95 LPM)
ROTATION	3000-3600 PSI (207-248 Bar)	17-35 GPM (64-132 LPM)
	1350-200 PSI (92-138 Bar)	3-5 GPM (11-19 LPM)

For Skid Steer mounting, typically the rear auxiliary hydraulic circuit is used to operate the open and close function of the jaws (Full base machine pressure and flow). An optional selector valve can be ordered from LaBounty to supply oil to the shear's rotator (lower flow, lower more pressure). For mini-excavator mounting or rubber-tire backhoe loaders, please consult LaBounty for proper hydraulic recommendations.