

STANLEY**LaBounty****MSD SABER SERIES™****Appetite Guide****Mild Steel and Concrete - U.S. Standard (Metric)**

Model	I-Beam* (mm)	H-Beam* (mm)	Plate** (mm)	Solid Round (mm)	Solid Square (mm)	Pipe*** (mm)	Concrete (mm) ****
MSD 1000R	12" (305)	8" (203)	.5" (13)	2" (51)	1.75" (44)	10" (254)	12" (305)
MSD 1500/1500R	15" (381)	10" (254)	.625 (16)	2.25" (57)	2" (51)	12" (305)	16" (406)
MSD 2000/2000R	18" (457)	12" (305)	.75" (19)	2.75" (70)	2.4" (61)	16" (406)	20" (508)
MSD 2500/2500R	21" (533)	15" (381)	.88" (22)	3.2" (81)	2.8" (71)	20" (508)	23" (584)
MSD 3000/3000R	24" (610)	18" (457)	1" (25)	3.75" (95)	3.3" (84)	22" (559)	25" (635)
MSD 4500/4500R	33" (838)	22" (559)	1.125" (28)	4" (102)	3.5" (89)	24" (610)	28" (711)
MSD 7500/7500R	38" (965)	25" (635)	1.5" (38)	5.5" (140)	4.8" (122)	30" (762)	32" (813)
MSD 9500/9500R	44" (1118)	30" (762)	1.625" (41)	6.5" (165)	5.75" (146)	36" (914)	38" (965)

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The above data reflects a normal appetite in normal usage and may not reflect the maximum size of each shape that can be cut. The actual results may vary depending upon actual material construction, steel properties, excavator performance, operator competence, etc. Proper maintenance of the shear is required for maximum cutting performance. Please contact the LaBounty sales application department to confirm cutting capabilities of specific configurations.

*Beams larger than the shear can process in one cut can be easily processed, in most cases, by piercing the web on the first cut and finishing with a second cut. Please note that there are many different styles of beams and structural shapes with varying web, flange and plate thicknesses, which may affect these appetite figures.

**Plate thickness dimensions reflect the capacity of the shear to pierce plate at the tip which occurs in many various applications (tank processing, railcar processing, etc.). Each model can cut thicker material, provided it will fit in the jaws without having to pierce it.

***Pipe dimensions shown include schedule 40, mild steel pipe only. Other materials (stainless steel, cast, etc.) and varying wall thicknesses will affect these appetite figures.

**** The figures shown are for 3000-4000 PSI concrete. The shear's actual capacity can vary, depending upon the condition of the concrete, aggregate type, rebar size and spacing, excavator performance, operator competency, maintenance of the shear, etc.

Note: Please contact the LaBounty Inside Sales Department for a recommendation of your specific application needs.