

# S308 MOBILE SCRAP AND DEMOLITION SHEAR

FOR SKID STEER LOADERS, COMPACT TRACK LOADERS,  
AND MINI HYDRAULIC EXCAVATORS



**Model**  
S308

**Machine Compatibility**  
232D3-299D3/305-309

Current machines listed. Machine model availability and attachment vary by region. Contact your local Cat® dealer for exact compatibility and availability.



Steel-frame demolition and scrap processing are the starting points for metals recycling. The Cat® S308 Mobile Scrap and Demolition Shear can power through these applications, providing the production and reliability that keep your operation in the black. The S308 is for use on skid steer loaders, compact track loaders and mini hydraulic excavators.

## FEATURES

### JAW DESIGN



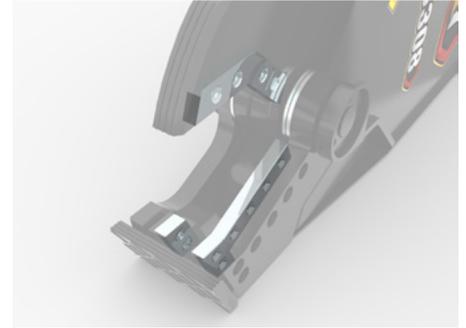
Unique straight lower jaw design enhances the cutting force by facilitating the spreading out of steel along the length of the jaw, maximizing the shear cutting force.

### 360° DEGREE ROTATION



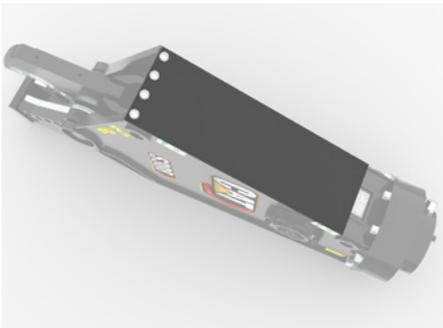
Operator can spin the shear 360 degrees in either direction to quickly position the jaws for a cut.

### REVERSIBLE KNIVES



The five main, side and front knives are fully reversible with four effective cutting edges.

### EASY MAINTENANCE



Large access panels on the top and bottom of the shear housing make it easier to service inside components.

### PROTECTED CYLINDERS



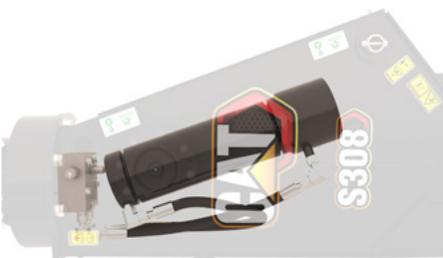
Shear housing and cylinder rod guarding design provides full protection of the cylinder throughout the cutting cycle.

### JAW LOCKOUT PIN



Included with every shear to provide confidence that working in the jaw area is safe.

### SPEED VALUE



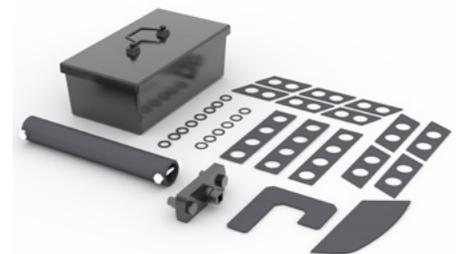
Provides optimum flow regeneration to improve cycle times and machine productivity.

### MOUNTING OPTIONS



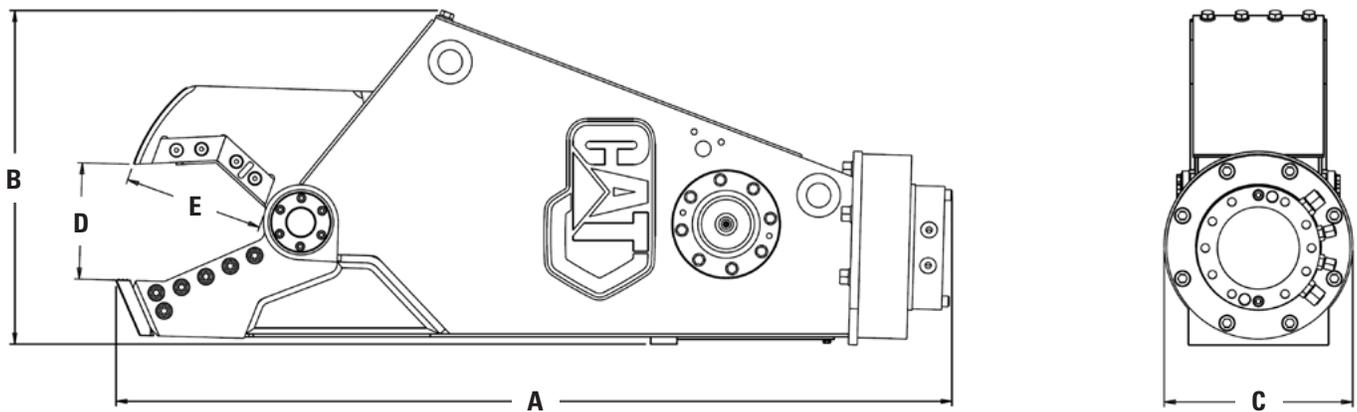
Mounting options include the skid steer loader mounting bracket, a 5-6 ton boom mount bracket or a 7-9 ton stick mount for mini hydraulic excavators.

### INCLUDED SERVICE KIT



Each shear comes included with a service kit and tool box.

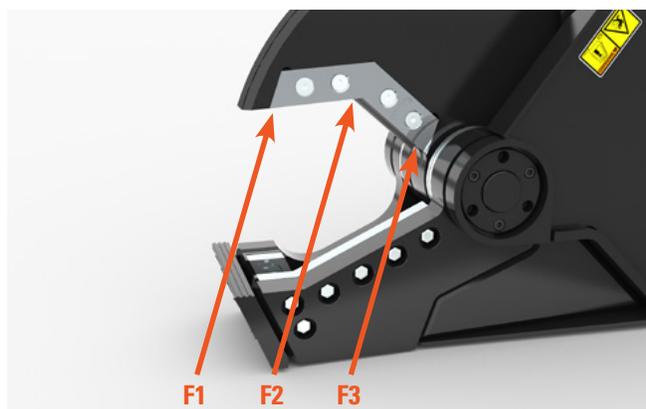
# SPECIFICATIONS



Model	S308
<b>A</b> Length	1709 mm   67.3 in
<b>B</b> Height	667 mm   26.3 in
<b>C</b> Width	390 mm   15.4 in
<b>D</b> Jaw Opening	240 mm   9.4 in
<b>E</b> Jaw Depth	290 mm   11.4 in
<b>F2</b> Tip Force*	385 kN   43.3 Sh Ton
<b>F2</b> Apex Force*	653 kN   73.4 Sh Ton
<b>F3</b> Throat Force*	1812 kN   203.7 Sh Ton
Rotation	360°
Cycle Time – Close	2.5 seconds
Cycle Time – Open	3.5 seconds
Rotation Circuit – Maximum Flow	20 L/min   5.3 gpm
Rotation Circuit – Maximum Relief Pressure	20 000 kPa   2,900.8 psi
Cutting Circuit – Maximum Flow	60 L/min   15.9 gpm
Cutting Circuit – Maximum Relief Pressure	25 000 kPa   3,626 psi
Weight	550 kg   1,212.5 lb

\*Shear forces at 50% of cylinder stroke, approximately 2/3 closed.

Standard two year warranty gives you peace of mind when purchasing a quality Cat® shear attachment.



# CUTTING GUIDE

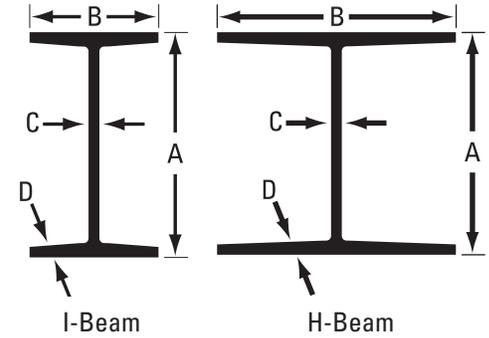
Cat mobile scrap and demolition shears are designed to cut and reduce the size of metal items commonly found in scrap yards, buildings, and other structures. Cutting capacities and profiles for the S308 are listed below.

Beams	I-Beam	H-Beam
<b>A</b> Height	207 mm   8.1 in	107 mm   4.2 in
<b>B</b> Flange Width	112 mm   4.4 in	103 mm   4.1 in
<b>C</b> Web Thickness	5.8 mm   0.2 in	7.11 mm   0.3 in
<b>D</b> Flange Thickness	8.4 mm   0.3 in	8.8 mm   0.3 in

Bar	
Round, Diameter	51 mm   2 in
Square, Width	40 mm   1.5 in

Pipe	
Diameter	220 mm   8.6 in
Wall Thickness	8 mm   0.3 in

Plate	
Piercing Thickness	10 mm   0.4 in



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(Global)

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