



Cat[®] GC S Hammers

*H110 GC S, H115 GC S, H120 GC S,
H130 GC S, H140 GC S, H160 GC S, H180 GC S*

Cat[®] hammers make short work of your demolition, construction, and quarry needs. Combine the simple, lightweight design of the GC S Hammer series with the reliability, durability, and value you expect from Cat products. The result is a low cost per hour solution providing the consistent power and performance you need.

Not all attachments are available in all regions. Consult your Cat dealer for specific configurations available in your region.

Reliable and Durable Design

- The power cell is protected by the fully enclosed housing. Critical components of the power cell – front head, cylinder, and valve assembly – are also fully protected.
- Enjoy fast service times and lower owning and operating costs with the simplified design.
- The gas powered operating cycle provides industry standard performance and production.
- The Cat buffering system reduces vibration to the machine, improves noise suppression, and improves hammer durability.
 - Large top buffer – absorbs vibration and prevents damaging impulses from reaching the machine.
 - Lower buffer – working with the top buffer, it dampens tie rod loading, and enhances noise suppression.
 - Accumulator – protect your machine by capturing and buffering hydraulic spikes before they cause damage to carrier's hydraulic pumps.

Powerful Performance

- Cat hammers use less fuel and are more efficient.
- The standard silencing feature, indicated by the "S" in the nomenclature, protects your operator and everyone near the job site. It also allows you to work on job sites where noise is regulated.
- Cat hammers are designed to work with our machines as a total solution and provide seamless hydraulic connectivity for maximum performance.

Easy to Maintain

- Achieve lower maintenance costs with Cat hammers.
- Easy and quick access to maintenance areas ensures the hammer always operates at its peak.
- Service the lower bushing in the field using simple hand tools.
- Verify the gas charge of the hammer without removing it from your machine.
- Cat hammers can be manually greased or use the optional hammer mounted auto-lube system.
- With the optional auto-lube system, your hammer is greased while it runs – saving you time and protecting your investment.

Easy to Operate

- Protect against blank firing with automatic shut off. This feature helps prevent damage to your machine and premature damage to your hammer by detecting when the hammer is not in contact with material.
- Control the hammer's power with a manual adjustment on the side of the power cell. Select between high blow frequency and maximum power to get the performance you need to suit your application.
 - Long stroke – less piston frequency, more impact power and productivity; best for tougher applications.
 - Short stroke – increased piston frequency, less impact power; best for lighter applications.



Cat® GC S Hammers

Specifications						
	H110 GC S		H115 GC S		H120 GC S	
Mount	Top		Top		Top	
Energy Class	2000 J	1,475 ft-lb	3000 J	2,212 ft-lb	4000 J	2,950 ft-lb
Blows per Minute	450 min	650 max	450 min	800 max	400 min	800 max
Minimum Operating Weight	1203 kg	2,647 lb	1307 kg	2,875 lb	1754 kg	3,859 lb
Maximum Operating Weight	1228 kg	2,701.6 lb	1331 kg	2,928.2 lb	1785 kg	3,927 lb
Minimum Rated Flow	80 L/min	21 gal/min	90 L/min	24 gal/min	125 L/min	33 gal/min
Maximum Rated Flow	100 L/min	26 gal/min	120 L/min	32 gal/min	151 L/min	40 gal/min
Minimum Operating Pressure	14 000 kPa	2,030 psi	15 000 kPa	2,175 psi	16 000 kPa	2,320 psi
Maximum Operating Pressure	16 000 kPa	2,320 psi	17 000 kPa	2,465 psi	18 000 kPa	2,610 psi
Tool Shaft Diameter	72 mm	2.83 in	120 mm	4.72 in	135 mm	5.31 in
Minimum Carrier Weight	11 t	24,251 lb	13 t	28,660 lb	18 t	39,683 lb
Maximum Carrier Weight	16 t	35,274 lb	18 t	39,683 lb	25 t	55,115 lb

Specifications (continued)								
	H130 GC S		H140 GC S		H160 GC S		H180 GC S	
Mount	Top		Top		Top		Top	
Energy Class	6000 J	4,425 ft-lb	7500 J	5,531 ft-lb	10 170 J	7,500 ft-lb	14 578 J	10,750 ft-lb
Blows per Minute	350 min	700 max	250 min	550 max	200 min	450 max	200 min	400 max
Minimum Operating Weight	2451 kg	5,392 lb	2981 kg	6,558 lb	3090 kg	6,810 lb	3900 kg	8,600 lb
Maximum Operating Weight	2487 kg	5,471.4 lb	3134 kg	6,894.8 lb	2930 kg	6,460 lb	3918 kg	8,638 lb
Minimum Rated Flow	161 L/min	43 gal/min	181 L/min	48 gal/min	190 L/min	50 gal/min	250 L/min	66 gal/min
Maximum Rated Flow	191 L/min	51 gal/min	221 L/min	58 gal/min	260 L/min	68 gal/min	300 L/min	79 gal/min
Minimum Operating Pressure	16 000 kPa	2,320 psi	16 000 kPa	2,320 psi	15 985 kPa	2,320 psi	15 985 kPa	2,320 psi
Maximum Operating Pressure	18 000 kPa	2,610 psi	18 000 kPa	2,610 psi	18 000 kPa	2,610 psi	18 000 kPa	2,610 psi
Tool Shaft Diameter	150 mm	5.91 in	153 mm	6.02 in	160.0	6.29 in	180.0	7.09 in
Minimum Carrier Weight	25 t	55,115 lb	30 t	66,138 lb	33 t	72,700 lb	40 t	88,100 lb
Maximum Carrier Weight	32 t	70,547 lb	40 t	88,184 lb	45 t	99,200 lb	55 t	121,200 lb

For more complete information on Cat products, dealer services, and industry solutions, visit us on the web at www.cat.com

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