



# Cat® Performance Hammers

*H110 S-H180 S*

***Cat® Performance Hammers are loaded with features that will increase production on your jobsite – whether in a quarry, demolition, or general construction.***

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

## **Higher Production**

- Hammer hits with consistent power, delivering constant production.
- Operation cycle is more efficient – less waste in internal heat, more power delivered to the tool.
- Piston and tool are matched in diameter and mass, greatly increasing efficiency in power transmission.
- Blow frequency, hydraulic pressure, and impact energy have been tuned to produce the highest possible work rates on Cat machines.

## **Lower Maintenance Costs**

- No need for constant checking of the gas charge. Design keeps gas pressure steady through the duration of the annual service interval.
- All daily checks and routine service can be performed with the hammer attached to the machine.
- Spend more time working and less time on service. Greasing can be performed quickly from one standing-height grease point.
- Service the lower bushing in the field using simple hand tools.
- Lower bushing is rotatable – more service life lowers parts cost.
- Optional on-board autolube provides continual greasing as the hammer runs, protecting your investment.
- Available for extreme environments, the optional wear package protects the hammer housing from damage.

## **Easy to Operate**

- Auto shutoff prevents blank firing, the leading cause of user-induced damage to hammers.
- On a Next Gen Cat Excavator, hammers are protected by Auto Stop, preventing damage from hammering too long in one spot.
- This feature helps prevent damage to your machine and premature damage to your hammer, even with inexperienced operators.
- Performance Hammers lead in both operator comfort and machine protection. The buffering system qualitatively dampens vibration to the machine due to proprietary buffering material.
- Can be configured for joystick or foot pedal control to suit your operating preference.

## **Next Level Technology with a Cat Excavator**

- All models include Product Link™ technology standard, enabling locating the hammer via the Cat App on your phone.
- Paired with a Next Gen excavator, the hammer is automatically recognized and prompts the operator to select the correct tool program.
- Cat hammer dimensions are included in Cat E-Fence technology – protects the cab and keeps the hammer in safe areas on the jobsite.
- Hammer pressure and flow controls can be monitored and configured via the in-cab monitor – manually or automatically.



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## Specifications Table

Model	Energy Class		Blows per Minute	Minimum Operating Weight		Maximum Operating Weight		Minimum Rated Flow		Maximum Rated Flow	
	J	(ft-lb)		kg	(lb)	kg	(lb)	lpm	(gpm)	lpm	(gpm)
H110 S	2712	(2,000)	450-1000	950	(2,090)	1080	(2,376)	60	(16)	120	(32)
H115 S	4067	(3,000)	370-800	1070	(2,354)	1460	(3,212)	70	(19)	130	(34)
H120 S	4745	(3,500)	350-620	1480	(3,256)	1860	(4,092)	100	(26)	170	(45)
H130 S	6101	(4,500)	320-600	1750	(3,850)	2140	(4,708)	120	(32)	220	(58)
H140 S	8135	(6,000)	325-540	2410	(5,302)	2660	(5,852)	160	(42)	230	(61)
H160 S	11 524	(8,500)	400-505	3230	(7,106)	3530	(7,766)	220	(58)	300	(79)
H180 S	16 270	(12,000)	275-450	3990	(8,778)	4340	(9,548)	220	(58)	300	(79)

## Specifications Table continued

Model	Minimum Operating Pressure		Maximum Operating Pressure		Tool Diameter		Minimum Carrier Weight		Maximum Carrier Weight	
	kPa	(psi)	kPa	(psi)	mm	(in)	t	(lb)	t	(lb)
H110 S	13000	(1885)	16000	(2320)	100	(4)	11	(24,300)	18	(39,700)
H115 S	13000	(1885)	15000	(2175)	110	(4)	12	(26,500)	20	(44,100)
H120 S	13000	(1885)	15000	(2175)	120	(5)	16	(35,300)	27	(59,500)
H130 S	13000	(1885)	15000	(2175)	130	(5)	18	(39,700)	36	(79,400)
H140 S	13000	(1885)	16000	(2320)	140	(5)	24	(52,900)	42	(92,600)
H160 S	13000	(1885)	16000	(2320)	160	(6)	32	(70,600)	55	(121,300)
H180 S	13000	(1885)	16000	(2320)	180	(7)	42	(92,610)	76	(167,580)

GEHQ9292-01 (6-2020)

