



Cat[®] B Series Breakers

B20, B30, B35

Reliable Breaking Power

- Ready whenever you need it – whether you use your hammer every day, or once a month.
- Break big jobs down to manageable pieces. Delivers the power you need.
- Dial in the performance you need to suit your application. In the field, select between high blow frequency or maximum power as needed.
- Rely on class-leading power day in and day out.

Protects Your Machine

- Pulsing of the hammer can cause spikes in the machine system, which can cause wear on the machine hydraulic system.
- Cat[®] hammers protect your machine investment by capturing and buffering hydraulic spikes BEFORE they can damage your machine.

Easy to Maintain

- Spend more time working, less on service.
 - Grease quickly from one single standing-height grease point.
 - The major wear point on any hammer is the lower tool bushing. Service the lower bushing in the field with simple hand tools.
 - Verify the gas charge of the hammer without removing the hammer from your machine. Gas charge is typically checked annually.
- Get more done with a Cat hammer.

You're Supported – Wherever the Job Takes You

- Go where the job takes you; there's a Cat dealer nearby.
- Rely on Caterpillar for complete system support: parts, service, and technical knowledge for your machine, hammer, and hydraulics from a single source.

Hammer / Machine Compatibility

Contact your Cat dealer for specific machine configurations.

Model	Style	Machines
B20	Top mount	320, 321, 323, 324, M318, M320, M322
	Side mount*	320, 321, 323, 324, 326, M318, M322
B30	Top mount wheeled HEX	324, 326, 328, 329, 330
	Side mount*	324, 326, 328, 329, 330
B35	Top mount	336, 340

*Not available in all regions.



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Features & Benefits

Top mount or side mount available to match your application.

Piston stroke adjuster switches impact modes: high frequency for softer material; slower more powerful impacts for harder material.

Accumulator captures hydraulic spikes before they can damage the machine.

Easy daily maintenance – a single standing-height grease point.

Quickly change tools to match job conditions.

Lower tool bushing can be easily changed in the field with the hammer still mounted to the machine.



Applications

Tool Selection



Moil (M)



Cone (CO)



Chisel (C)

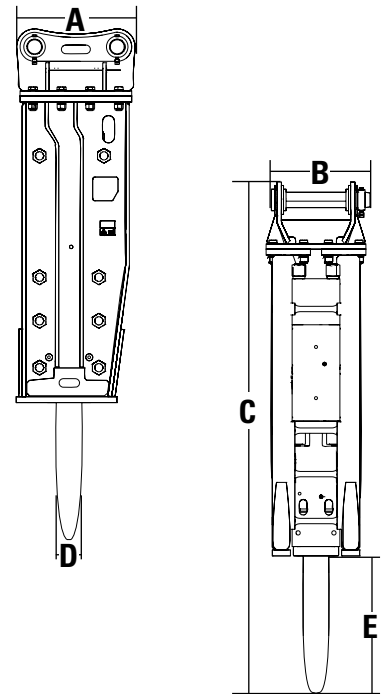


Blunt (B)

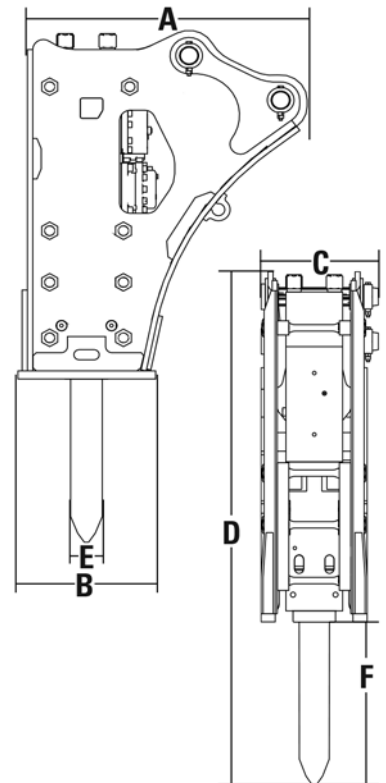
	B20	B30, B35
1. Roadbuilding / construction		
Breaking of road surface (concrete, asphalt)	C, M, CO	C, M, CO
Breaking uneven bedrock to lay a road	C, M, CO	C, M, CO
Primary breaking to lay a road	C, M, CO	C, M, CO
Trench excavation for drainage	C, M, CO	C, M, CO,
Demolition of bridges	B, C, M, CO	B, C, M, CO
Heavily reinforced bridge pillars	C, M, CO	C, M, CO
Making holes (for traffic signs, lamp posts)	CO	CO
Breaking of frozen ground	C, M, CO	C, M, CO
2. Demolition / housing development		
Demolition of concrete walls, roofs, floors	B, C, M, CO,	B, C, M, CO
Demolition of light, reinforced concrete foundation (<20")	B, M, CO	B, M, CO
Thick brick walls	B, C, M, CO	B, C, M, CO
Rock trenches for mains / water supply / utilities	C, M, CO	C, M, CO
Rock excavation for foundation	C, M, CO	C, M, CO
Mass excavation of rock for industrial building bases	C, M, CO	C, M, CO
Massive reinforced concrete foundations	C, M, CO	C, M, CO
Separating rebar from concrete (for recycling)	B, C, M, CO	B, C, M, CO
3. Quarrying / open cast mining		
Secondary breaking of blasted rock	B	B
Primary breaking of rock	B, M, C	B, M, C
Breaking oversizes on a crusher / feeder / feed chute	B, C, M, CO	B, C, M, CO
Scaling	C, M	C, M
4. Underground applications		
Trenching in tunnels	C, M, CO	C, M, CO
5. Metallurgical applications		
Breaking of refractory linings in furnaces	C, M, CO	C, M, CO
Breaking of slag in casting ladles	C, M, CO	C, M, CO
Breaking of slag in converter openings	C, M, CO	C, M, CO
Cleaning of castings	C, M, CO	C, M, CO
Breaking of aluminium electrolyze slag		C, M, CO

Cat B Series Breakers

Top Mount		B20	B30	B35
Specifications				
Recommended Carrier	t	18-25	25-32	30-40
Weight Range	(lb)	(39,683-55,116)	(55,116-70,548)	(66,139-88,185)
Operating Weight Range*	kg	1,826-1,866	2,364-2,384	3,017-3,074
	(lb)	(4,026-4,114)	(5,212-5,256)	(6,652-6,777)
Impact Frequency	blows/min.	400-800	350-700	250-550
Energy Class	J	4,000	6,000	7,500
	(ft-lb)	(2,950)	(4,425)	(5,531)
Rated Flow	lpm	125-150	160-190	180-220
	(gpm)	(33-40)	(42-50)	(48-58)
Operating Pressure, maximum	kPa	16,000-18,000	16,000-18,000	16,000-18,000
	(psi)	(2,321-2,611)	(2,321-2,611)	(2,321-2,611)
Dimensions				
A Width	mm	525	585	635
	(in)	(20.7)	(23.0)	(25.0)
B Length	mm	632	655	730
	(in)	(24.9)	(25.8)	(28.7)
C Height	mm	2,389	2,632	2,798
	(in)	(94.1)	(103.6)	(110.2)
D Tool Diameter, top	mm	135	150	153
	(in)	(5.3)	(5.9)	(6.0)
E Tool Working Length	mm	750	800	735
	(in)	(29.5)	(31.5)	(28.9)



Side Mount**		B20			B30	
		B	CB	DB	CB	DB
Specifications						
Recommended Carrier	t	18-25			25-32	
Weight Range	(lb)	(39,683-55,116)			(55,116-70,548)	
Operating Weight Range*	kg	1,663	1,688	1,718	2,187	2,205
	(lb)	(3,666)	(3,721)	(3,788)	(4,822)	(4,861)
Impact Frequency	blows/min.	400-800			350-700	
Energy Class	J	4,000			6,000	
	(ft-lb)	(2,950)			(4,425)	
Rated Flow	lpm	125-150			160-190	
	(gpm)	(33-40)			(42-50)	
Operating Pressure, maximum	kPa	16,000-18,000			16,000-18,000	
	(psi)	(2,321-2,611)			(2,321-2,611)	
Dimensions						
A Length – Top	mm	1,270	1,302	1,327	1,367	
	(in)	(50.00)	(51.30)	(52.20)	(53.80)	
B Length – Bottom	mm	620			650	
	(in)	(24.40)			(25.60)	
C Width	mm	556	576	610	680	615
	(in)	(21.9)	(22.7)	(24.0)	(22.8)	(24.2)
D Height	mm	2,294	2,294	2,304	2,530	2,537
	(in)	(90.3)	(90.3)	(90.7)	(99.6)	(99.9)
E Diameter	mm	135			150	
	(in)	(5.3)			(5.9)	
F Tool Working Length	mm	750			800	
	(in)	(29.5)			(31.5)	



*Operating weight includes hammer, standard tool, and mounting bracket.

****Not all hammer models are available for sale in all regions. Contact your local Cat dealer for specific details.**

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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