



Cat[®] Buckets

Mini Hydraulic Excavators

Cat[®] Buckets match the machine to the job. Whether quarry, construction site or landscaping job, they focus the full power and performance of the machine on the task at hand.

FEATURES:

Performance and versatility

- Cat Buckets are designed to provide superior productivity, high reliability and long life in a variety of materials and conditions. The formed back wrapper design enhances bucket loadability and production in a wide variety of applications. The optimum wrapper angle and no sharp corners promote superior bucket fill and reduce material packing for productivity. An enhanced bucket shape allows material to flow more easily and the tapered bucket sidewalls allow for easy dumping of sticky material.

Serviceability

- Proven components such as Cat hose, couplings, O-ring face seals, hardware and G.E.T. deliver superior

performance, durability and reliability. A full line of replacement parts is available from your Cat dealer to help extend bucket life.

Customer support

- Cat dealers are always ready to assist you in matching the right work tool to your application or machine, adding more Cat Work Tools to your lineup or obtaining responsible, knowledgeable support.

Quick coupler

- When frequent tool changes are required, an optional pin grabber quick coupler is available. Compatible with all Cat Mini Hydraulic Excavator Work Tools, it features a strong, light-weight, low profile design with no debris traps for years of secure work tool changes.

Compatibility

Model	Machines
Digging Buckets	301.6C, 301.8C, 302.5C
General Purpose Buckets	307C, 307C SB, 308C CR
Heavy Duty Buckets	303C CR, 303.5C CR, 304C CR, 305C CR
Heavy Duty Capacity Buckets	304C CR, 305C CR
Heavy Duty Rock Buckets	307C, 307C SB, 308C CR
Ditch Cleaning Buckets	301.6C, 301.8C, 302.5C, 303C CR, 303.5C CR, 304C CR, 305C CR, 307C, 307C SB, 308C CR
Tilting Ditch Cleaning Buckets	303C CR, 303.5C CR, 304C CR, 305C CR

Cat Buckets

Buckets



Cat Buckets are designed to optimize machine performance when digging, loading, carrying, leveling, grading and dumping in a variety of applications.

FEATURES:

Digging Buckets

- Designed for a wide variety of applications and materials.

General Purpose Buckets

- Designed for digging in low-impact, moderately abrasive materials such as dirt, loam, gravel and clay.

Heavy Duty Buckets

- Ideal for utility trenching, digging footings, backfilling and general excavating in construction, landscaping and utility applications.

Heavy Duty Capacity Buckets

- Especially suited for moving large quantities of material, such as during truck loading applications, and are capable of moving greater volumes of material than the heavy duty buckets.

Heavy Duty Rock Buckets

- Similar to heavy duty buckets, but with thicker wear plates for use in highly abrasive and high impact applications.

Ditch Cleaning Buckets

- Versatile for applications, such as cleaning wide trenches, loading materials, grading, dressing slopes and more.

Tilting Ditch Cleaning Buckets

- Ideal for cleaning wide trenches, loading materials, slope-cutting and profiling, grading and finishing work in construction, landscaping and road maintenance applications.

Specifications – Digging Buckets

		301.6C/301.8C									
Width	mm (in)	230 (9)	300 (12)	400 (16)	457 (18)	500 (20)	600 (24)				
Capacity, struck ¹	m ³ (ft ³)	.015 (.51)	.018 (.62)	.026 (.92)	.030 (1.05)	.034 (1.19)	.042 (1.49)				
Capacity, heaped	m ³ (ft ³)	.018 (.62)	.022 (.78)	.033 (1.16)	.040 (1.40)	.045 (1.59)	.056 (1.97)				
Bucket weight ²	kg (lb)	25 (56)	27 (60)	32 (70)	34 (75)	36 (80)	41 (90)				
Tip radius w/teeth	mm (in)	500 (20)	500 (20)	500 (20)	500 (20)	500 (20)	500 (20)				
Side wall angle		0°	4.4°	4.4°	4.4°	4.4°	4.4°				
Base edge thickness	mm (in)	10 (.4)	10 (.4)	10 (.4)	10 (.4)	10 (.4)	10 (.4)				
		302.5C									
Width	mm (in)	260 (10)	300 (12)	400 (16)	457 (18)	500 (20)	600 (24)				
Capacity, struck ¹	m ³ (ft ³)	.030 (1.05)	.034 (1.19)	.042 (1.49)	.050 (1.76)	.055 (1.94)	.069 (2.43)				
Capacity, heaped	m ³ (ft ³)	.035 (1.24)	.041 (1.46)	.054 (1.92)	.065 (2.30)	.073 (2.57)	.092 (3.24)				
Bucket weight ²	kg (lb)	42 (93)	44 (97)	49 (108)	52 (115)	55 (121)	62 (137)				
Tip radius w/teeth	mm (in)	650 (26)	650 (26)	650 (26)	650 (26)	650 (26)	650 (26)				
Side wall angle		0°	4.4°	4.4°	4.4°	4.4°	4.4°				
Base edge thickness	mm (in)	10 (.4)	10 (.4)	10 (.4)	10 (.4)	10 (.4)	10 (.4)				

¹ Capacities shown as per ISO 7451:1997.

² Weight with weld-on adapters and pin-on teeth.

Specifications – General Purpose Buckets

307C/307C SB/ 308C CR

Width	mm (in)	330 (13)	457 (18)	609 (24)	762 (30)	914 (36)
Capacity, heaped	m ³ (ft ³)	.10 (3.53)	.15 (5.30)	.22 (7.77)	.30 (10.60)	.36 (12.71)
Bucket weight ¹	kg (lb)	138 (304)	154 (340)	181 (400)	208 (458)	231 (510)
Tip radius	mm (in)	1070 (42)	1070 (42)	1070 (42)	1070 (42)	1070 (42)
Base edge thickness	mm (in)	22 (.87)	22 (.87)	22 (.87)	22 (.87)	22 (.87)

¹ Weight with weld-on adapters and pin-on teeth.

Specifications – Heavy Duty Buckets

303C CR/303.5C CR

Width	mm (in)	300 (12)	400 (16)	457 (18)	500 (20)	600 (24)	750 (30)
Capacity, struck ¹	m ³ (ft ³)	.04 (1.5)	.06 (2.0)	.07 (2.3)	.08 (2.7)	.09 (3.3)	.12 (4.2)
Capacity, heaped	m ³ (ft ³)	.05 (1.7)	.07 (2.5)	.08 (2.9)	.09 (3.3)	.12 (4.2)	.16 (5.6)
Bucket weight ²	kg (lb)	63 (139)	72 (158)	80 (176)	88 (193)	99 (217)	115 (253)
Tip radius w/teeth	mm (in)	737 (29)	737 (29)	737 (29)	737 (29)	737 (29)	737 (29)
Side wall angle		0°	2°	2°	2°	2°	2°
Base edge thickness	mm (in)	20 (.8)	20 (.8)	20 (.8)	20 (.8)	20 (.8)	20 (.8)

304C CR/305C CR

Width	mm (in)	300 (12)	400 (16)	457 (18)	500 (20)	600 (24)	750 (30)	914 (36)
Capacity, struck ¹	m ³ (ft ³)	.05 (1.7)	.06 (2.2)	.07 (2.5)	.08 (2.9)	.10 (3.6)	.13 (4.6)	.16 (5.7)
Capacity, heaped	m ³ (ft ³)	.06 (2.0)	.08 (2.7)	.09 (3.1)	.10 (3.6)	.13 (4.6)	.17 (6.1)	.22 (7.6)
Bucket weight ²	kg (lb)	69 (151)	77 (169)	86 (189)	94 (207)	106 (234)	125 (274)	145 (319)
Tip radius w/teeth	mm (in)	813 (32)	813 (32)	813 (32)	813 (32)	813 (32)	813 (32)	813 (32)
Side wall angle		0°	2°	2°	2°	2°	2°	2°
Base edge thickness	mm (in)	20 (.8)	20 (.8)	20 (.8)	20 (.8)	20 (.8)	20 (.8)	20 (.8)

¹ Capacities shown as per ISO 7451:1997.

² Weight with weld-on adapters and pin-on teeth.

Specifications – Heavy Duty Capacity Buckets

304C CR/305C CR

Width	mm (in)	300 (12)	400 (16)	457 (18)	500 (20)	600 (24)	750 (30)	914 (36)
Capacity, struck ¹	m ³ (ft ³)	.07 (2.5)	.09 (3.2)	.10 (3.7)	.12 (4.2)	.15 (5.2)	.19 (6.7)	.23 (8.2)
Capacity, heaped	m ³ (ft ³)	.08 (2.9)	.11 (3.7)	.12 (4.4)	.14 (5.1)	.18 (6.4)	.24 (8.5)	.30 (10.6)
Bucket weight ²	kg (lb)	82 (179)	91 (200)	100 (220)	109 (241)	123 (271)	144 (316)	166 (366)
Tip radius w/teeth	mm (in)	880 (35)	880 (35)	880 (35)	880 (35)	880 (35)	880 (35)	880 (35)
Side wall angle		0°	2°	2°	2°	2°	2°	2°
Base edge thickness	mm (in)	20 (.8)	20 (.8)	20 (.8)	20 (.8)	20 (.8)	20 (.8)	20 (.8)

¹ Capacities shown as per ISO 7451:1997.

² Weight with weld-on adapters and pin-on teeth.

Cat Buckets

Specifications – Heavy Duty Rock Buckets

307C/307C SB/ 308C CR						
Width	mm (in)	610 (24)	762 (30)			
Capacity, heaped	m ³ (ft ³)	.30 (10.6)	.40 (14.1)			
Bucket weight ¹	kg (lb)	232 (511)	268 (590)			
Tip radius	mm (in)	1070 (42)	1070 (42)			
Base edge thickness	mm (in)	32 (1.26)	32 (1.26)			

¹ Weight with weld-on adapters and pin-on teeth.

Specifications – Ditch Cleaning Buckets

		301.6C/301.8C		302.5C		307C/307C SB/ 308C CR				
Width	mm (in)	800 (32)	1000 (40)	800 (32)	1000 (40)	1200 (47)	1219 (48)			
Capacity, struck ¹	m ³ (ft ³)	.031 (1.08)	.038 (1.32)	.067 (2.35)	.085 (3.00)	.095 (3.35)				
Capacity, heaped	m ³ (ft ³)	.044 (1.54)	.056 (1.97)	.080 (2.81)	.102 (3.59)	.116 (4.10)	.57 (20.1)			
Bucket weight	kg (lb)	41 (90)	43 (95)	82 (181)	80 (176)	91 (201)	324 (715)			
Tip radius	mm (in)	355 (14)	355 (14)	460 (18)	460 (18)	460 (18)	968 (38.1)			
Base edge thickness	mm (in)	10 (.40)	10 (.40)	10 (.40)	10 (.40)	10 (.40)	25.4 (1.0)			

		303C CR/303.5C CR		304C CR/305C CR			
Width	mm (in)	1000 (40)	1200 (47)	1400 (55)	1000 (40)	1300 (51)	1600 (63)
Capacity, struck ¹	m ³ (ft ³)	.078 (2.75)	.094 (3.32)	.110 (3.89)	.087 (3.08)	.116 (4.10)	.145 (5.10)
Capacity, heaped	m ³ (ft ³)	.111 (3.92)	.135 (4.78)	.159 (5.62)	.139 (4.91)	.184 (6.51)	.229 (8.07)
Bucket weight	kg (lb)	107 (236)	101 (223)	113 (250)	117 (258)	115 (253)	134 (296)
Tip radius	mm (in)	510 (20.1)	510 (20.1)	510 (20.1)	530 (20.9)	530 (20.9)	530 (20.9)
Base edge thickness	mm (in)	16 (.63)	16 (.63)	16 (.63)	20 (.8)	20 (.8)	20 (.8)

¹ Capacities shown as per ISO 7451:1997.

Specifications – Tilting Ditch Cleaning Buckets

		303C CR/303.5C CR		304C CR/305C CR	
Width	mm (in)	1200 (47)	1600 (63)		
Capacity, struck ¹	m ³ (ft ³)	.12 (4.34)	.2 (7.06)		
Capacity, heaped	m ³ (ft ³)	.17 (5.9)	.28 (9.89)		
Bucket weight	kg (lb)	162 (356)	250 (550)		
Tip radius	mm (in)	546 (21)	586 (23)		
Base edge thickness	mm (in)	16 (.63)	20 (.8)		

¹ Capacities shown as per ISO 7451:1997.

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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