



Cat[®] Front Loader Buckets and Forks

Backhoe Loaders

Cat[®] buckets are designed to provide superior productivity, high reliability and long life in a variety of materials and handling conditions. Rugged Cat buckets for Backhoe Loaders include General Purpose, Multi Purpose, Multi Purpose with fold-over Forks, Side Dump, and Light Material Buckets. Cat buckets are designed to work with the backhoe loader's single tilt (ST) or integrated tool carrier (IT) linkage for optimum digging performance.

Features:

Performance and Versatility

- The formed back wrapper design enhances bucket loadability and production in a wide variety of applications. The optimum wrapper angle and lack of sharp corners promote superior bucket fill and reduce material packing for productivity. Cat Ground Engaging Tools (G.E.T.) can provide added performance and flexibility.

Pallet Forks

- Cat[®] Pallet Forks are designed to meet a wide variety of material handling needs. Pallet forks are well suited for moving bulky or palletized materials on construction and industrial sites, handling pallets of building materials, and a variety of other material handling applications such as brick, block and base mortar. Cat Pallet Forks provide a durable, dependable backhoe loader material handling system. One pallet fork carriage is offered with three fork length options.

Cat Ground Engaging Tools (G.E.T.)

- Cat G.E.T. protect bucket edges, increase durability and extend bucket wear life in a variety of applications.
- Bolt-on cutting edges are recommended for bucket base edge protection in high wear conditions. Made from tough DH-2™ hardened steel, they extend edge wear life.
- J220 Bolt-on teeth are available.

Customer Support

- Whether it is matching the right work tool to the right job, adding more work tools to your lineup or obtaining responsive and knowledgeable support, Cat dealers are ready to assist you.

Quick Coupler

- Cat front loader buckets and work tools use the proven Cat IT hydraulic quick coupler, which allows operators to quickly change from one high performance work tools to another.

Compatibility

Model	Machines
Loader Buckets	416E, 420E, 430E, 450E
Forks	420E, 430E

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Loader Buckets



Caterpillar offers five types of loader buckets for Cat backhoe loaders.

Features:

General Purpose Buckets

- The all-around choice for loading, carrying, dumping and performing general cleanup work.

Multi Purpose Buckets

- Offer excellent versatility for rehandling, dozing, grading, leveling and dumping, as well as grasping irregularly shaped objects.

Multi Purpose Buckets with Fold-Over Forks

- Similar to the multi purpose buckets, but the fold-over forks increase its ability for additional material handling tasks.

Side Dump Buckets

- Designed for loading, carrying, leveling, backfilling and dumping in a variety of applications and materials. Capable of dumping forward or to the left side, these buckets offer the versatility required in tight work areas and congested environments.

Light Material Buckets

- Have the largest capacity. They are specially designed for light, loosely packed materials.

Specifications – General Purpose Buckets

Width	mm (in)	2262 (89)	2262 (89)	2406 (95)	2262 (89)	2406 (95)	2434 (96)	2434 (96)
Rated Capacity*	m ³ (yd ³)							
416E – 430E		0.76 (1.0)	0.96 (1.25)	1.00 (1.31)	1.07 (1.40)	1.15 (1.50)	—	—
450E		—	—	—	—	—	—	1.34 (1.75)
Weight (ST)	kg (lb)	380 (838)	428 (944)	440 (970)	437 (964)	455 (1,003)	—	—
Weight (IT)	kg (lb)	—	446 (983)	459 (1,012)	—	473 (1,043)	—	—
Weight (450E)	kg (lb)	—	—	—	—	—	—	1034 (2,280)

* Heaped Capacity shown as per SAE J/ISO 7451.

Specifications – Multi Purpose Buckets

Width	mm (in)	2279 (90)	2425 (95)	2434 (96)
Rated Capacity*	m ³ (yd ³)			
416E – 430E		1.0 (1.3)	1.1 (1.4)	—
450E		—	—	1.15 (1.5)
Weight (ST)	kg (lb)	723 (1593)	751 (1,655)	—
Weight (IT)	kg (lb)	703 (1549)	731 (1,612)	—
Weight (450E)	kg (lb)	—	—	955 (2,105)

* Heaped Capacity shown as per SAE J/ISO 7451.

Specifications – Multi Purpose Buckets with Fold-Over Forks

Width	mm (in)	2262 (89)	2406 (95)	2434 (96)
Rated Capacity*	m ³ (yd ³)			
416E – 430E		1.0 (1.3)	1.1 (1.4)	1.15 (1.5)
Weight (ST)	kg (lb)	888 (1,958)	909 (2,003)	—
Weight (450E)	kg (lb)	—	—	1114 (2,456)
Fork Tine Length	mm (in)	1060 (42)	1060 (42)	1060 (42)
Fork Tine Width	mm (in)	80 (3.2)	80 (3.2)	80 (3.2)
Fork Tine Thickness	mm (in)	40 (1.6)	40 (1.6)	40 (1.6)

* Heaped Capacity shown as per SAE J/ISO 7451.

Specifications – Side Dump Buckets

Width	mm (in)	2505 (99)	2765 (109)
Rated Capacity*	m ³ (yd ³)	1.0 (0.8)	1.3 (1.0)
Weight (ST)	kg (lb)	1504 (682)	1704 (773)
Weight (IT)	kg (lb)	1804 (818)	2064 (936)
Weight (450E)	kg (lb)	—	2957 (1,341)

* Heaped Capacity shown as per SAE J/ISO 7451.

Specifications – Light Material Buckets

Width	mm (in)	2438 (96)	2590 (102)	2590 (102)	2616 (103)
Rated Capacity*	m ³ (yd ³)	1.5 (2.0)	1.9 (2.5)	2.3 (3.0)	2.3 (3.0)
Weight (ST)	kg (lb)	726 (1,600)	577 (1,272)	609 (1,343)	768 (1,693)
Weight (IT)	kg (lb)	—	659 (1,453)	773 (1,704)	—

* Heaped Capacity shown as per SAE J/ISO 7451.

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Forks



Caterpillar offers one carriage with three different tine length options.

Features:

Carriage Design

- Carriage is designed to International Trucking Association standards.

Fork Design

- Forks are easily repositioned and locked into place.

Cutout Design

- Off-center cutout allows quick, easy change of forks.

Capacity Rating

- Class III capacity rated.

Specifications – Forks

Fork Tine Length	mm (in)	1050 (41)	1220 (48)	1350 (54)
Fork Tine Width	mm (in)	130 (5)	130 (5)	130 (5)
Fork Tine Thickness	mm (in)	50 (2)	50 (2)	50 (2)
Operating Load (420E IT) ¹	kg (lb)	2065 (4,553)	1990 (4,388)	1855 (4,090)
Operating Load (430E IT) ¹	kg (lb)	2160 (4,763)	2020 (4,454)	1840 (4,057)
Operating Load (420E IT) ²	kg (lb)	2340 (5,160)	2320 (5,116)	2295 (5,060)
Operating Load (430E IT) ²	kg (lb)	2315 (5,105)	2300 (5,072)	2275 (5,016)
Load Center	mm (in)	525 (21)	600 (24)	675 (27)

¹ Tip limited. Operating load per SAE J1197 FEB91.

² Hydraulically limited. Operating load per CEN474-4 FEB96.

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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