



Cat[®] Front Loader Buckets and Forks

BACKHOE LOADERS

Cat[®] buckets and forks 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, and Side Dump 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 tool to another.

Compatibility

Model	Machines
Loader Buckets	415F2, 415F2 IL, 416F2, 420F2, 430F2, 450F
Forks	420F2, 430F2

Machine model availability and attachment vary by region. Please contact your local dealer.



Cat® Front Loader Buckets and Forks

Loader Buckets



Caterpillar offers four 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 by enabling one work tool to do the job of many. This bucket is ideal for material handling, clamping, grading, leveling and 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.

Specifications – General Purpose Buckets

Width	mm (in)	2262 (89)	2262 (89)	2262 (89)	2406 (95)	2406 (95)	2434 (96)
Rated Capacity*							
415F2-416F2	m ³ (yd ³)	0.8 (1.0)	— (—)	— (—)	— (—)	— (—)	— (—)
420F2-430F2	m ³ (yd ³)	— (—)	1.0 (1.25)	1.1 (1.4)	1.0 (1.3)	1.2 (1.5)	— (—)
450F	m ³ (yd ³)	— (—)	— (—)	— (—)	— (—)	— (—)	1.3 (1.75)
Weight**							
415F2-416F2	kg (lb)	443 (977)	— (—)	— (—)	— (—)	— (—)	— (—)
420F2-430F2 (ST)	kg (lb)	— (—)	463 (1,021)	527 (1,162)	535 (1,180)	563 (1,242)	— (—)
420F2-430F2 (IT)	kg (lb)	— (—)	504 (1,112)	— (—)	530 (1,169)	537 (1,184)	— (—)
450F	kg (lb)	— (—)	— (—)	— (—)	— (—)	— (—)	688 (1,473)

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

**Weight with bolt-on cutting edge or bolt-on teeth.

Specifications – Multi Purpose Buckets

Width	mm	(in)	2262	(89)	2406	(95)	2424	(95)	2424	(95)
Rated Capacity*										
415F2-430F2	m ³	(yd ³)	1.0	(1.3)	1.0	(1.3)	1.1	(1.4)	—	(—)
450F	m ³	(yd ³)	—	(—)	—	(—)	—	(—)	1.2	(1.5)
Weight**										
415F2-430F2 (ST)	kg	(lb)	761	(1,678)	723	(1,594)	842	(1,857)	—	(—)
415F2-430F2 (IT)	kg	(lb)	790	(1,742)	—	(—)	793	(1,749)	—	(—)
450F	kg	(lb)	—	(—)	—	(—)	—	(—)	955	(2,106)

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

**Weight with bolt-on cutting edge or bolt-on teeth.

Specifications – Multi Purpose Buckets with Fold-Over Forks

Width	mm	(in)	2262	(89)	2406	(95)	2424	(95)
Rated Capacity*								
416F2-430F2 (ST)	m ³	(yd ³)	1.0	(1.3)	1.0	(1.4)	—	(—)
450F	m ³	(yd ³)	—	(—)	—	(—)	1.2	(1.5)
Weight**								
415F2-430F2 (ST)	kg	(lb)	895	(1,974)	952	(2,099)	—	(—)
450F	kg	(lb)	—	(—)	—	(—)	1114	(2,456)

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

**Weight with bolt-on cutting edge or bolt-on teeth.

Specifications – Side Dump Buckets

Width	mm	(in)	2514	(99)	2769	(109)
Rated Capacity*						
420F2-430F2 (IT)	m ³	(yd ³)	0.76	(1.0)	0.96	(1.25)
Weight**						
420F2-430F2 (IT)	kg	(lb)	860	(1,897)	935	(2,061)

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

**Weight with bolt-on cutting edge or bolt-on teeth.

Cat® Front Loader Buckets and Forks

Forks



Caterpillar offers one carriage with three different tine length options to meet a wide variety of material handling needs.

Features:

Carriage Design

- Carriage is designed to International Trucking Association standards.
- Heavy-duty backrest is durable and easy to see through providing operator protection from shifting loads while maintaining excellent visibility to fork tips. Notched rail-type carriage allows fork tines to be easily re-spaced or changed and locked in place.

Fork Design

- Forks are designed to move bulky or palletized materials on construction and industrial sites.



Cutout Design

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

Capacity Rating

- Class III rated for higher lifting capacity.

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 (420F2 IT) ¹	kg	(lb)	2065	(4,553)	1990	(4,388)	1855	(4,090)
Operating Load (430F2 IT) ¹	kg	(lb)	2160	(4,763)	2020	(4,454)	1840	(4,057)
Operating Load (420F2 IT) ²	kg	(lb)	2340	(5,160)	2320	(5,116)	2295	(5,060)
Operating Load (430F2 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 OCT11.

² Hydraulically limited. Operating load per CEN474-4 NOV06.

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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