



# **Cat<sup>®</sup>**

## **Waste and Recycling Attachments**





# Grapples

Cat® Waste and Recycling Attachments are durable, reliable and designed to maximize the performance of your Cat equipment. With options for your specific applications, let Caterpillar help you get more out of your day.

Grapples used in the waste and recycling industry cover a wide range of material densities and applications.

## Cat® Contractors' Grapples

Cat® Contractors' Grapples are a versatile, low cost option for heavy duty applications like demolition, C&D, rip rap, boulder handling, forestry and general construction.

### Benefits:

- Tines designed for easy picking of small materials
- Lower tine is designed with less curvature for easy truck loading.
- AR400 wear materials for longer maintenance internals
- Box type construction for long life durability
- Readily available parts thru the Cat distribution system
- Pin Hub System for greater machine interchangeability
- No additional hydraulic required.



Available for Cat 307-385 excavators with a single design working with pin-on and coupler configurations.

Model	Excavator Weight 3rd Member Range		Attachment Weight		Jaw Opening		Jaw Capacity*		Upper Jaw Width		Lower Jaw Width	
	M tons	(lbs)	kg	(lbs)	mm	(in)	m <sup>3</sup>	(yd <sup>3</sup> )	mm	(in)	mm	(in)
<b>G107B</b>	7-8	(15,400-17,600)	360	(794)	1,765	(69.50)	0.80	(0.60)	435	(17.10)	735	(28.90)
<b>G112</b>	11-12	(24,200-26,400)	857	(1,885)	2,195	(86.34)	1.60	(1.20)	550	(21.70)	900	(35.40)
<b>G115B</b>	13-16	(28,600-35,200)	1,286	(2,830)	2,555	(100.60)	2.40	(1.80)	610	(24.00)	1,020	(40.20)
<b>G120B</b>	18-25	(39,600-55,000)	1,523	(3,350)	2,687	(105.80)	2.90	(2.20)	617	(24.30)	1,031	(40.60)
<b>G125B</b>	20-29	(44,000-63,800)	1,932	(4,250)	3,128	(123.10)	4.50	(3.50)	704	(27.70)	1,150	(45.30)
<b>G130B</b>	20-36	(44,000-79,200)	2,332	(5,130)	3,223	(126.90)	5.50	(4.25)	832	(32.80)	1,262	(49.70)
<b>G145B</b>	45-49	(99,000-107,800)	3,050	(6,724)	3,433	(135.20)	7.25	(5.50)	865	(34.10)	1,335	(52.60)
<b>G165B</b>	45-74	(99,000-162,800)	4,055	(8,940)	3,860	(152.00)	9.00	(7.00)	937	(36.90)	1,406	(55.40)
<b>G185G</b>	74-90	(162,800-198,000)	4,800	(10,582)	4,076	(38.80)	11.00	(8.50)	985	(38.80)	1,535	(60.40)

\*capacities calculated according to pending SAE standard j2754

**Note:** The above machine matching range is a general matching guideline, please consult your caterpillar dealer sales representative for exact machine matches based on boom, stick, and coupler options.

Not all attachment models listed are sold to every region.  
Contact your local Cat Work Tools representative or dealer for more information.

# Cat® Trash Grapples

Cat® Trash Grapples are designed for light density materials and have higher capacities for high production loading applications like the loading of trucks and railcars in the waste industry.

## Benefits:

- Ability to tamp, pick and sort materials saves time.
- Box type construction for long life and durability.
- Replaceable wear parts and liners are manufactures with high wear materials.
- Readily available parts thru the Cat distribution system.
- No additional hydraulic required.

Available for Cat 307-385 excavators with a single design working with pin-on and coupler configurations.



Model	Excavator Weight 3rd Member Range		Attachment Weight		Jaw Opening		Jaw Capacity*		Upper Jaw Width		Lower Jaw Width	
	M tons	(lbs)	kg	(lbs)	mm	(in)	m <sup>3</sup>	(yd <sup>3</sup> )	mm	(in)	mm	(in)
<b>TG-315</b>	18-35	(33,000-39,600)	907	(2,000)	2,210	(87)	1.83	(2.40)	1,118	(44)	1,480	(58)
<b>TG-B</b>	19-26	(41,800-57,200)	1,288	(2,840)	2,540	(100)	2.70	(3.60)	1,118	(44)	1,450	(57)
<b>TG-B</b>	19-26	(41,800-57,201)	1,392	(3,069)	2,600	(102)	3.44	(4.50)	1,100	(43)	1,450	(57)
<b>TG-CB</b>	24-30	(52,800-66,000)	2,077	(4,569)	3,129	(123)	3.80	(5.00)	1,196	(47)	1,545	(61)
<b>TG-DB</b>	24-36	(52,800-79,200)	2,268	(5,001)	3,086	(122)	4.60	(6.00)	1,295	(51)	1,676	(66)
<b>TG-TB</b>	36-52	(79,200-114,400)	2,800	(6,174)	3,161	(124)	5.03	(6.58)	1,581	(62)	2,038	(80)
<b>TD-DB</b>	24-36	(52,800-79,200)	2,033	(4,473)	3,470	(137)	5.50	(7.25)	1,257	(49)	1,626	(64)
<b>TG-TB</b>	36-52	(79,200-114,400)	3,075	(6,780)	3,800	(150)	8.17	(10.69)	1,626	(64)	2,148	(85)

\*capacities calculated according to pending SAE standard j2754

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# G300 Series Demolition and Sorting Grapples

The Cat® G300 series Demolition and Sorting Grapples is ideal for use in demolition, waste, recycling, forestry, tree removal, scrap, wood processing, screening materials, and governmental applications. This productive and versatile grapple lets you recover more commodities, recyclable more materials, and it does it faster, which puts more money in your pocket.

## Benefits:

- High clamping force for handling concrete blocks, jersey barriers, rip rap, and etc.
- Synchronized tines close for better picking capability for demolition and recycling facilities.
- Less weld maintenance with reversible bolt on cutting edges.
- Grapple cleans up as it goes.
- Folds under stick and boom for easy transportation.
- 360° rotation system with cross over relief protection lowers your owning and maintenance costs by minimizing back and forth activities.
- Operators say it like an extension of their hand.



Model	Excavator Weight 3rd Member Range		Attachment Weight		Jaw Opening		Jaw Capacity*		Cycle Time Open/Close/Open Sec.
	M tons	(lbs)	M tons	(lbs)	mm	(in)	m <sup>3</sup>	(yd <sup>3</sup> )	
<b>310B</b>	10-16	(22,000-35,200)	3,080	(1,030)	1,800	(70.87)	375	(0.49)	3.2
<b>315B</b>	15-22	(33,000-48,500)	3,080	(1,400)	2,000	(78.74)	550	(0.72)	3.3
<b>320B</b>	20-29	(44,000-63,900)	4,125	(1,875)	2,200	(8.61)	750	(0.98)	3.5
<b>325B</b>	25-38	(55,000-83,700)	4,664	(2,120)	2,200	(8.61)	850	(1.11)	3.5
<b>G330</b>	30-45	(66,000-99,200)	5,764	(2,620)	2,270	(89.40)	1,000	(1.31)	3.3

**Note:** The above machine matching range is a general matching guideline, please consult your caterpillar dealer sales representative for exact machine matches based on boom, stick, and coupler options.

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# Waste Handling Wheel Loader Buckets

Waste and Recycling Buckets are designed to help you move large volumes of low-density waste in transfer stations, landfills and material recovery stations. Large capacities give you maximum production when loading conveyors, trucks, rail cars, or hoppers. Depending upon the type of load-out design for your needs, different buckets can be used to achieve quick loading, maximum load weight and proper tamping.

## Push & Doze (Dozing) Buckets

The Cat® Push & Doze Bucket (or Dozing Bucket) is specifically designed with a shallow throat and taller profile to “push” loads along the floor to a hole or hopper in the floor for ‘below grade’ (the haul unit is below the machine) applications.

### Benefits:

- Easily moves material away from trucks tipping onto the tip floor and stockpiles so you work more efficiently.
- Greatest volume for its size to move more in less time.
- Bolt-on steel and rubber cutting edges available to suit your specific needs.
- Available as pin-on or for use with the Fusion™ Coupler System.



Interface	Bucket Capacity		Bucket Dozing Capacity		Max. Material Density		Bucket Width w/ BOCE		Total Weight w/ BOCE	
	m <sup>3</sup>	(yd <sup>3</sup> )	m <sup>3</sup>	(yd <sup>3</sup> )	kg/m <sup>3</sup>	(lb/yd <sup>3</sup> )	mm	(in)	kg	(lb)
<b>950M / 962M</b>										
<b>Pin-On</b>	5.20	(6.75)	7.6 - 10.3	(10.0 - 13.5)	1,097	(1,850)	3,059	(120.5)	2,273	(5,012)
<b>Fusion</b>	5.20	(6.75)	7.6 - 10.3	(10.0 - 13.5)	1,097	(1,850)	3,059	(120.5)	2,119	(4,661)
<b>966M / 972M</b>										
<b>Pin-On</b>	6.50	(8.50)	9.8 - 13.0	(12.8 - 17.0)	1,186	(2,000)	3,357	(132.0)	3,110	(6,858)
<b>Fusion</b>	6.50	(8.50)	9.8 - 13.0	(12.8 - 17.0)	1,186	(2,000)	3,357	(132.0)	2,575	(5,664)
<b>980M</b>										
<b>Pin-On</b>	9.90	(13.00)	14.9 - 19.9	(19.5 - 26.0)	998	(1,683)	3,882	(153.0)	4,210	(9,283)

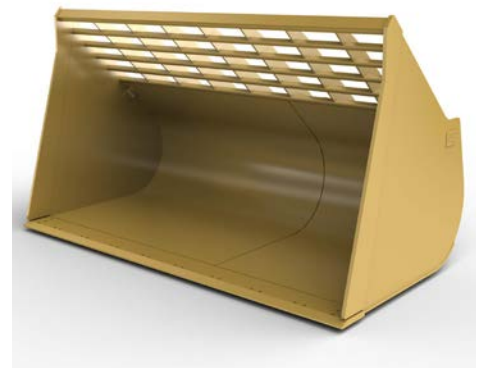
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# Load & Carry Buckets

The Cat® Load & Carry Bucket is designed for low density materials with a smaller height and a deeper throat for “load and carry” applications. No matter the loading level, this bucket is an all-around tool for your waste and recycling needs.

## Benefits:

- Primarily designed to load & carry material to the haul unit for less contact with the floor, saving bucket wear, time and costs.
- Can be used to push loads away from trucks tipping on the floor, for stockpiling, and basic tamping.
- Bolt-on steel and rubber cutting edges available to suit your specific needs.
- Available as pin-on or for use with the Fusion™ Coupler System.



Machine Interface	Bucket Capacity		Bucket Dozing Capacity		Max. Material Density		Bucket Width w/ BOCE		Total Weight w/ BOCE	
	m <sup>3</sup>	(yd <sup>3</sup> )	m <sup>3</sup>	(yd <sup>3</sup> )	kg/m <sup>3</sup>	(lb/yd <sup>3</sup> )	mm	(in)	kg	(lb)
<b>950M / 962M</b>										
<b>Pin-On</b>	6.10	(8.00)	9.2 - 12.2	(12.0 - 16.0)	812	(1,369)	3,059	(120.5)	2,610	(5,755)
<b>966M / 972M</b>										
<b>Pin-On</b>	7.50	(9.75)	11.2 - 15.0	(14.6 - 19.6)	943	(1,590)	3,357	(132.0)	3,323	(7,327)
<b>980M</b>										
<b>Pin-On</b>	10.70	(14.00)	16.0 - 21.4	(21.0 - 28.0)	839	(1,415)	3,882	(153.0)	4,438	(6,786)

Not all attachment models listed are sold to every region.  
Contact your local Cat Work Tools representative or dealer for more information.

# Waste Handling with Clamp Buckets

Waste Handling Buckets with Clamp are designed for applications for picking, sorting, material redistribution, and tamping loads in trucks.

Waste Handling Buckets with Clamp are application designed to maintain and tamp material in Waste and Recycling applications, making them the ideal choice for site efficiency.

## Benefits:

- Easily dozes on floor level pits into trucks or railcars below grade.
- Tamping ability at the lowest level when working below grade eliminates the need for secondary equipment.
- Operators can redistribute weight in the haul vehicle when required.
- For MRF (material recovery facilities) the tamp & clamp is beneficial in helping presort materials prior to loading on to conveyors.
- Bucket goes 90 degrees for better tamping in haul vehicles (only on high lift models)



Machine Interface	Bucket Capacity		Bucket Dozing Capacity		Max. Material Density		Bucket Width w/ BOCE		Total Weight w/ BOCE	
	m <sup>3</sup>	(yd <sup>3</sup> )	m <sup>3</sup>	(yd <sup>3</sup> )	kg/m <sup>3</sup>	(lb/yd <sup>3</sup> )	mm	(in)	kg	(lb)
950M / 962M Tamp & Clamp										
Pin-On	4.2	(5.5)	8.0	(11.0)	1,095	(1,845)	3,059	(120.5)	3,565	(7,861)
966M / 972M Tamp & Clamp										
Pin-On	5.0	(6.5)	10.0	(13.0)	1,184	(1,996)	3,357	(132.0)	4,208	(9,279)

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# Grapple Buckets

Grapple Buckets are a General Purpose-type bucket with two independent clamps, allowing for maximum material retention.



Machine Interface	Bucket Capacity		Bucket Dozing Capacity		Max. Material Density		Bucket Width w/ BOCE		Total Weight w/ BOCE	
	m³	(yd³)	m³ (yd³)		kg/m³ (lb/yd³)		mm (in)		kg (lb)	
950M / 962M Grapple										
Pin-On	4.6	(6.0)	6.9 - 9.2 (9.0 - 12.0)		1,097 (1,850)		3,059 (120.5)		2,931 (6,449)	
Fusion	4.6	(6.0)	6.9 - 9.2 (9.0 - 12.0)		1,097 (1,850)		3,059 (120.5)		2,830 (6,226)	
972M ONLY - Grapple										
Fusion	3.4	(4.5)	5.2 - 6.9 (6.8 - 9.0)		1,184 (1,996)		3,255 (128.0)		2,089 (4,595)	

\*Contact dealer regarding the specific hydraulic requirements needed for these buckets.

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# Cat® Bucket Application Guide for Transfer Stations

Transfer Station Type	Work Cycle	Push & Doze Bucket	Load & Carry Bucket	Tamp & Clamp Buckets	Grapple Buckets
<b>Below Grade</b> Haul vehicle is placed below loading machine grade	Stock Piling/ Floor Clearing	Fair	Good	Best	Good
	Below Grade - Dozing to Truck	Best	Good	Fair	Good
	Below Grade - Load/ Carry	Fair	Best	Fair	Good
	Below Grade - Tamping	Not recommended	Fair	Best	Not recommended
<b>1/2 Separation</b> Haul vehicle is placed 1/2 below and 1/2 above the loading machine grade	Stock Piling/ Floor Clearing	Fair	Best	Fair	Good
	1/2 Separation - Load/ Carry	Fair	Best	Fair	Best
	1/2 Separation - Tamping	Fair	Best	Good	Fair
<b>Same Level / Full Separation</b> Haul vehicle is placed at same level of loading machine grade	Stock Piling/ Floor Clearing	Fair	Best	Fair	Good
	Same Level - Load/ Carry	Fair	Best	Fair	Good
	Same Level -Tamping	Not recommended	Fair	Fair	Fair
<b>Other Cycles</b>	Handing Bulky Materials (Brush etc)	Not recommended	Fair	Best	Best
	Payload Weighing w/ Loader	Fair	Best	Good	Good

\* This chart is to help in general selection. Multiple factors go into proper bucket selection (such as type of waste, support equipment required, reach, and stockpile height). Contact your local Cat representative for help selecting the ideal bucket for your needs.

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For more complete information on Cat products, dealer services, and industry solutions, visit us on the web at [www.cat.com](http://www.cat.com)

GEHQ9217 (03-16)

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