



# Cat<sup>®</sup> Demolition & Sorting Grapples

*G200 GC, G300 GC, and G300 Models*

***Cat<sup>®</sup> Demolition & Sorting Grapples are designed for fast, productive material handling. Capable of high-volume, production loading and precise sorting, they enhance the productivity and efficiency of your operation. The grapples can handle anything from primary and secondary demolition to recycling to get the job done.***

***Not all attachments are available in all regions. Consult your Cat dealer for specific configurations available in your region.***

## **Precise Control**

- Move production-sized loads with wide shell opening for material handling.
- Synchronized shells and total load control every move with the cross-mounted cylinder.
- Maintain grip on large loads or pick, sort, and place small materials with overbite stops for edge-to-edge jaw contact and prevent overbite.
- Screen dirt and other fine materials out through skeleton and perforated shells, which also give operator good visibility to the load.
- Material sorting is quick, making it easier to sort on-site and saving on tipping fees.
- Shell movement is smooth and controlled with cylinder damping.
- Integrated stop locks the rotator and keeps the shells from drifting open during transport.

## **Powerful Performance**

- High clamping force and fast cycle times are the result of a single, large-bore cylinder design.
- Standard Load Holding Valve:
  - Maintains pressure on cylinder and load without operator constantly engaging close function, improving operator comfort and ergonomics.
  - Keeps material secure in case of hydraulic pressure loss or hose damage for added safety.
  - When active, oil flow to the grapple is blocked, which reduces fuel consumption.

- Work close to container edges and walls. Grapple shell profile has zero clearance from cutting edge against vertical walls and edges, providing access to corners in trucks, trailers, containers, bins, and 90 degree angles.
- Easy access to internal parts through large maintenance panels.
- Get the most out of your grapple with a high torque motor and longer service intervals.

## **Durable and Tough**

- Reinforced shells made of high-strength steel are designed for the most demanding conditions and applications, such as: primary and secondary demolition, recycling, waste transfer stations, tree removal, building retaining walls, and more.
- Material fills and flows smoothly and efficiently due to countersunk bolts in the cutting edge and smooth inner profile of the shell.
- Grapple has ample rotation power to handle twisting and pulling material apart with the motor located on the outer ring.
- Increased reliability in the hydraulic system with swivel and open/close functions run independently of rotation.
- Rotate and align the grapple to pick up and grab material from any angle without moving the machine, saving wear and tear on your undercarriage.
- Operator stays safe in the cab while having the ability to strip down entire structures with the grapple.



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## Reliable and Easy to Maintain

- Protected rotation with high torque motor for a long service life.
- Bearings and dust seals are inside and protected from damage and debris.
- Internal dust seals provide less axial play, additionally machined surface, optimal protection against damage, and less grease consumption.
- Minimize downtime with the easy-to-replace, abrasion-resistant cutting edge for your grapple.
- Ground level access to all grease points and removable panels make grapple maintenance simple.

## Options to Meet Your Needs

- Meet your specific needs with rotating and static grapples and different shell options.
- G300 and G300 GC Grapples – Rotating
  - Rotate G300 Series grapples 360 degrees in either direction, with no limit due to the slewing ring and motor, for precise positioning.
  - Standard models: Optimal for severe applications and frequent use.
  - GC models: Optimal for lighter applications and occasional use.
- G200 GC Grapples – Static
  - Non-rotating grapple intended use with Tiltrotator.
  - Optimal for light applications and occasional use.
- Shell Types:
  - Skeleton shell – Suited for primary and secondary demolition and other harsh applications.
  - Closed shell – Best when used in high-volume processing and sorting applications for large, bulky materials.
  - Perforated shell – Largest capacity and best when used in high-volume processing and sorting applications for light material densities.
- Grapples with waste handling nomenclature can handle 33-150% more material than the standard models of the same size.
- Fixed upper head models: Some models include the CW dedicated coupler hinge plate fixed to the upper head. This creates more stability with the machine due to a lower overall build-up height and less weight.

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## Specifications

Model	Part Number	Shell Type	Recommended Carrier Weight Range	Capacity		Weight		Shell, Open		Shell Width	
			metric tons	L	yd <sup>3</sup>	kg	lb	mm	in	mm	in
G212 GC	587-8632	Perforated	10-15	400	0.52	597	1316	1788	70.4	850	33.5
G212 GC	587-8643	Perforated	10-15	400	0.52	633	1396	1800	70.87	850	33.46
G212 GC	587-8639	Perforated	10-15	400	0.52	641	1413	1800	70.87	850	33.46
G213 GC	587-8648	Perforated	12-16	450	0.59	665	1466	1800	70.9	950	37.4
G213 GC	587-8655	Perforated	12-16	450	0.59	684	1508	1800	70.87	950	37.40
G213 GC	587-8652	Perforated	12-16	450	0.59	692	1526	1800	70.87	950	37.40
G217 GC	587-8659	Perforated	15-19	600	0.78	895	1973	2000	78.74	1000	39.37
G217 GC	587-8658	Perforated	15-19	600	0.78	902	1989	2000	78.74	1000	39.37
G217 GC	587-8657	Perforated	15-19	600	0.78	924	2037	2000	78.7	1000	39.4
G312 GC	587-8713	Perforated	11-15	400	0.52	814	1795	1788	70.4	850	33.5
G312 GC	587-8715	Perforated	11-15	400	0.52	865	1907	1788	70.4	850	33.5
G313 GC	587-8718	Perforated	12-17	450	0.59	845	1863	1800	70.9	950	37.4
G313 GC	587-8719	Perforated	12-17	450	0.59	895	1973	1800	70.9	950	37.4
G314	587-8963	Skeleton	12-18	375	0.49	1060	2337	1800	70.9	850	33.5
G317 GC	587-8720	Perforated	17-25	600	0.78	1142	2518	2000	78.7	1000	39.4
G317 GC	587-8721	Perforated	17-25	600	0.78	1200	2646	2000	78.7	1000	39.4
G318	587-8965	Skeleton	18-25	550	0.72	1310	2888	2000	78.7	1000	39.4
G318	587-8966	Perforated	18-25	600	0.78	1308	2884	2000	78.7	1000	39.4
G318	595-1393	Closed	18-25	600	0.78	1323	2917	8000	78.74	1000	39.40
G318 WH	587-8970	Closed	20-25	800	1.05	1447	3190	2200	86.6	1100	43.3
G318 WH	587-8975	Perforated	20-25	800	1.05	1447	3190	2200	86.6	1100	43.3
G318 WH	587-8976	Perforated	20-25	1100	1.44	1619	3569	2200	86.6	1500	59.1
G324	587-8977	Skeleton	23-30	750	0.98	1787	3940	2200	86.6	1100	43.3
G324	587-8978	Perforated	23-30	800	1.05	1732	3818	2200	86.6	1100	43.3
G324 WH	587-8985	Perforated	23-30	1500	1.96	2004	4418	2700	106.3	1350	53.1
G324 WH	587-8986	Perforated	23-30	1800	2.35	2104	4639	2700	106.3	1550	61.0
G324 WH	587-8988	Perforated	23-30	2000	2.62	2205	4861	2700	106.3	1750	68.9
G332	587-8991	Skeleton	30-40	850	1.11	2073	4570	2200	86.6	1350	53.1
G332	587-8994	Perforated	30-40	900	1.18	2038	4493	2200	86.61	1350	53.15
G345	587-8995	Skeleton	30-45	1000	1.31	2758	6080	2250	88.6	1470	57.9

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