



# Cat<sup>®</sup> GSH

## Orange Peel Grapples

***Cat<sup>®</sup> GSH Orange Peel Grapples expand your capabilities. With faster cycle times and increased capacities, GSH Grapples allow you to move more while spending less. A more efficient product design increases the grapple's overall productivity and reduces maintenance costs.***

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

### High Performance, Less Fuel Burn

- Move more tons per hour with faster cycle times.
- Increase hydraulic flow capacity up to 160 percent with a new rotation system.
- Improve your overall fill factor up to 140-200 percent because of refined tine curvature.
- Cat Machines are pre-programmed with optimum performance settings for your grapple to maximize the pairing and efficiency of the machine and grapple.
- Reach new heights and increase your swing control. The compact height of GSH grapples extends your capabilities and is ideal for indoor applications.

### Long-lasting, Quality

- Grapple life is prolonged because of lighter, force distributing cast pieces in place of welds.
- Prevent cylinders from overextending, and avert unnecessary wear on hinge points and tine tips with heavy duty, abrasion resistant upper and lower stops on the grapple's housing.
- Strength you can count on. Solid construction inner tines and tips are built of high grade steel, resisting abrasion and metal-on-metal wear. Hinge points are cast eliminating weak points on the frame.
- Increase wear life with easy to replace, cast tine tips.

### Easy to Maintain

- Spend more time working with decreased maintenance time. Usage before first service interval is increased up to 250 percent and ground level grease points are safer and easier to use.
- Integral hydraulic components have been rerouted and are protected inside the tine, decreasing tension on hoses and eliminating interference with materials.
- Easy, inside-the-tine access to the hydraulics through removable panels. Panels also include dust seals to protect the critical parts inside the tines.
- Maintain a safe working environment by using the Mounting Bracket Aid which allows the bracket to stay in an upright position while installing the grapple to the machine.

### Options for Specific Applications

- Meet your specific application needs with 4 or 5-tine models and optional semi-open or closed tine styles.
  - Four tines – square footprint, clean corners in rail cars and trailers. Safe grab closure for bulky goods such as car bodies.
  - Five tines – optimal retention of smaller materials.
  - Semi-open tines work best for applications where larger steel scrap or car bodies are being moved.
  - Closed tines are optimal in instances where smaller, shredded materials are the primary use.
- GSH420 and GSH520 models now come with a standard lift eye on the bottom side of the housing where a magnet can be mounted. Other GSH models have the option of including a lift eye when ordering the grapple.



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Specifications												
Model	Shell Type	Tine Count	Capacity		Operating Weight		Maximum Lift Capacity		Recommended Material Handler Carrier Weight		Recommended Excavator Carrier Weight	
			L	yd <sup>3</sup>	kg	lb	kg	lb	Min. tons	Max. tons	Min. tons	Max. tons
GSH420	Semi-open	4	500	0.65	1142	2518	8000	17637	20	30	14	21
	Semi-open	4	600	0.75	1167	2573	8000	17637	20	30	14	21
	Semi-open	4	750	1.00	1201	2648	8000	17637	20	30	14	21
GSH425	Semi-open	4	750	1.00	1570	3461	10000	22046	25	40	20	30
	Semi-open	4	950	1.25	1608	3545	10000	22046	25	40	20	30
	Semi-open	4	1150	1.50	1663	3666	10000	22046	25	40	20	30
GSH440	Semi-open	4	1150	1.50	2111	4654	10000	22046	40	55	25	35
	Semi-open	4	1550	2.00	2207	4866	10000	22046	40	55	25	35
GSH455	Semi-open	4	1000	1.50	2570	5666	15000	33069	35	60	22	50
	Semi-open	4	1500	2.00	2614	5763	15000	33069	35	60	22	50
	Semi-open	4	2000	2.50	2672	5891	15000	33069	35	60	22	50
GSH520	Semi-open	5	500	0.65	1362	3003	8000	17637	20	30	14	21
	Closed	5	500	0.65	1493	3292	8000	17637	20	30	14	21
	Semi-open	5	600	0.75	1394	3073	8000	17637	20	30	14	21
	Closed	5	600	0.75	1539	3393	8000	17637	20	30	14	21
	Semi-open	5	750	1.00	1436	3166	8000	17637	20	30	14	21
	Closed	5	750	1.00	1601	3530	8000	17637	20	30	14	21
GSH525	Semi-open	5	750	1.00	1872	4127	10000	22046	25	40	20	30
	Closed	5	750	1.00	2064	4550	10000	22046	25	40	20	30
	Semi-open	5	950	1.25	1920	4233	10000	22046	25	40	20	30
	Closed	5	950	1.25	2142	4722	10000	22046	25	40	20	30
	Semi-open	5	1150	1.50	1988	4383	10000	22046	25	40	20	30
	Closed	5	1150	1.50	2230	4916	10000	22046	25	40	20	30
GSH555	Semi-open	5	1000	1.50	3100	6834	15000	33069	35	60	22	50
	Semi-open	5	1500	2.00	3154	6953	15000	33069	35	60	22	50

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