



Cat[®] GSH

Orange Peel Grapples

Cat[®] 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 ³	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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