



Cat[®] GSV

Orange Peel Grapples

Cat[®] GSV Orange Peel Grapples more options to fit your needs. With faster cycle times and increased capacities, GSV Grapples allow you to move more while spending less. A more efficient product design increases the grapple's overall productivity and reduces maintenance costs. The addition of a GC model provides an economical option while delivering the same Cat quality you expect. 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.

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, decreasing tension on hoses and eliminating interference with materials.
- Easy access to the hydraulics makes maintenance quicker, so more time can be spent moving materials.
- An optional cylinder guard is available to protect hydraulic hoses from materials.
- 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 needs with semi-open or closed tine style options.
 - Semi-open tines work best for applications where larger steel scrap or pipes and beams are being moved.
 - Closed tines are optimal for smaller, shredded materials.
- GC Grapples are lighter, which make them the ideal choice for recycling applications.
- Standard Grapples have been optimized for large and shredded scrap materials.

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Specifications													
Model	Shell Type	Tine Count	Part Number	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
GSV520 GC	Semi-open	5	503-8098	400	0.50	1140	2513	5000	11023	20	30	14	21
	Closed	5	527-4118	400	0.50	1267	2793	5000	11023	20	30	14	21
	Semi-open	5	503-8099	500	0.65	1173	2586	5000	11023	20	30	14	21
	Closed	5	527-4119	500	0.65	1312	2892	5000	11023	20	30	14	21
	Semi-open	5	503-8100	600	0.75	1205	2657	5000	11023	20	30	14	21
	Closed	5	527-4120	600	0.75	1356	2989	5000	11023	20	30	14	21
	Semi-open	5	527-4117	750	1.00	1249	2754	5000	11023	20	30	14	21
	Closed	5	527-4121	750	1.00	1420	3131	5000	11023	20	30	14	21
GSV520	Semi-open	5	519-1253	400	0.50	1214	2676	8000	17637	20	30	14	21
	Closed	5	490-1054	400	0.50	1341	2956	8000	17637	20	30	14	21
	Semi-open	5	490-1051	500	0.65	1247	2749	8000	17637	20	30	14	21
	Closed	5	490-1055	500	0.65	1386	3056	8000	17637	20	30	14	21
	Semi-open	5	490-1052	600	0.75	1279	2820	8000	17637	20	30	14	21
	Closed	5	490-1056	600	0.75	1430	3153	8000	17637	20	30	14	21
	Semi-open	5	490-1053	750	1.00	1322	2915	8000	17637	20	30	14	21
	Closed	5	490-1057	750	1.00	1495	3296	8000	17637	20	30	14	21
GSV525	Semi-open	5	528-3846	600	0.75	1741	3838	10000	22046	25	40	20	30
	Closed	5	528-3847	600	0.75	1940	4277	10000	22046	25	40	20	30
	Semi-open	5	467-0352	750	1.00	1790	3946	10000	22046	25	40	20	30
	Closed	5	473-7065	750	1.00	2008	4427	10000	22046	25	40	20	30
	Semi-open	5	467-0353	950	1.25	1847	4072	10000	22046	25	40	20	30
	Closed	5	473-7067	950	1.25	2086	4599	10000	22046	25	40	20	30
	Semi-open	5	458-0776	1150	1.50	1901	4191	10000	22046	25	40	20	30
	Closed	5	473-7068	1150	1.50	2159	4760	10000	22046	25	40	20	30

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GEHQ9265 (07-2018)
(AME, CIS, EU)

