Cat®
Trash Grapples
HYDRAULIC EXCAVATORS

FEATURES:

Greater Capacity

- The basic 4-over-5 tine construction and wide jaws are ideal for handling municipal solid waste, wood chips, wood debris, and other low-density material.

- Cat® Trash Grapples are matched to the capacities of Cat excavators, providing you with the best possible productivity for your machine and application, whether it is tamping and sorting or production loading. Multiple grapples are offered for some machines to optimize performance in differing loading conditions.

Simple Installation, No Additional Hydraulics Required

- Cat Trash Grapples operate using the power of the excavator bucket cylinder—no additional hydraulics required.

- Installation is fast and simple with only a single plate to be welded to the underside of the excavator stick for the fixed link. All brackets have three holes so the fixed link can be pinned in any of three positions for maximum efficiency in varying job conditions.

Minimal Weight, Maximum Durability

- Box-type construction is used in the frame to minimize weight and maximize durability.

- Grapples are effectively protected with wear plates on the inner wrapper.

- Wear plates and wear strips are fully replaceable.

- The outer wrapper features thick steel, high hardness wear strips.

- Grapple bearings are made of high hardness, quality alloy steel.

Trash Grapple/Hydraulic Excavator Compatability

Recommended machine matches. Contact your local Cat dealer for more detailed matching information.

Model	Machines
TG-315	315, 316, 318
TG-B	319, 320, 321
TG-CB	324, 328, 329
TG-DB	324, 329, 336
TG-TB	336, 345, 349

Americas North

CAT®

Cat Trash Grapples

Specifications
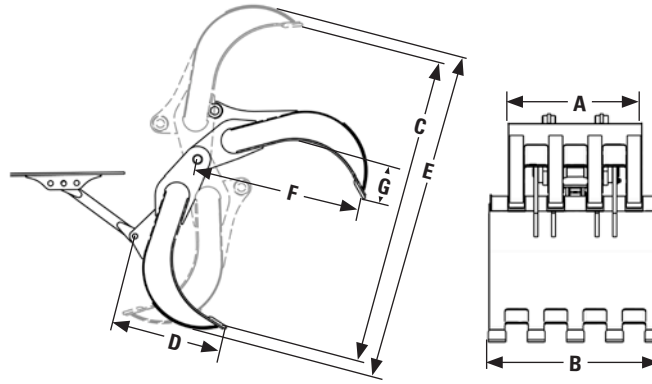
Tamping & Sorting

			TG-315		TG-B		TG-B		TG-CB		TG-DB		TG-TB	
	Capacity	m³	(yd³)	1.83	(2.40)	2.70	(3.60)	3.44	(4.5)	3.80	(5.00)	4.60	(6.00)	5.03	(6.58)
	Weight	kg	(lb)	907	(2,000)	1,288	(2,840)	1,392	(3069)	2,077	(4,569)	2,268	(5,001)	2,800	(6,174)
A	Upper Jaw Width	mm	(in)	1,118	(44)	1,118	(44)	1,100	(43)	1,196	(47)	1,295	(51)	1,581	(62)
B	Lower Jaw Width	mm	(in)	1,480	(58)	1,450	(57)	1,450	(57)	1,545	(61)	1,676	(66)	2,038	(80)
C	Max Opening	mm	(in)	2,210	(87)	2,540	(100)	2,600	(102)	3,129	(123)	3,086	(122)	3,161	(124)
D	Minimum (jaw closed)	mm	(in)	665	(26)	740	(29)	300	(12)	878	(35)	1,126	(44)	338	(13)
E	Maximum (jaw open)	mm	(in)	2,244	(88)	2,500	(98)	2,802	(110)	3,205	(126)	3,248	(128)	3290	(130)
F	Tip Radius	mm	(in)	1,165	(46)	1,390	(55)	1,449	(57)	1,639	(64)	1,658	(65)	1,679	(66)
G	Jaw Depth	mm	(in)	246	(10)	285	(11)	204	(8)	403	(16)	417	(16)	430	(17)
	Tip Thickness	mm	(in)	13	(0.51)	13	(0.51)	25	(0.98)	25	(0.98)	25	(0.98)	25	(0.98)
	Wear Plate Thickness	mm	(in)	13	(0.51)	13	(0.51)	14	(0.55)	12	(0.47)	12	(0.47)	12	(0.47)
	Wrapper Thickness	mm	(in)	10	(0.39)	10	(0.39)	10	(0.39)	16	(0.63)	16	(0.63)	16	(0.63)

Production Loading

			TG-DB		TG-TB	
	Capacity	m³	(yd³)	5.50	(7.25)	8.17	(10.69)
	Weight	kg	(lb)	2,033	(4,473)	3,075	(6780)
A	Upper Jaw Width	mm	(in)	1,257	(49)	1,667	(66)
B	Lower Jaw Width	mm	(in)	1,626	(64)	2,148	(85)
C	Max Opening	mm	(in)	3,470	(137)	3,800	(150)
D	Minimum (jaw closed)	mm	(in)	1,185	(47)	540	(21)
E	Maximum (jaw open)	mm	(in)	3,610	(142)	3,862	(152)
F	Tip Radius	mm	(in)	1,815	(71)	2,037	(80)
G	Jaw Depth	mm	(in)	461	(18)	626	(25)
	Tip Thickness	mm	(in)	20	(0.79)	19	(0.75)
	Wear Plate Thickness	mm	(in)	14	(0.55)	12	(0.47)
	Wrapper Thickness	mm	(in)	10	(0.39)	12	(0.47)

For more Work Tool Attachments available for your excavator, contact your local Cat dealer.