

EXCAVATORS

Model	Low		Medium		High	
	liter	U.S. gal	liter	U.S. gal	liter	U.S. gal
MHE D SERIES						
300.9D	0.9-1.4	0.24-0.35	1.4-1.8	0.35-0.47	1.8-2.3	0.47-0.59
301.7D	0.9-1.4	0.24-0.35	1.4-1.8	0.35-0.47	1.8-2.3	0.47-0.59
301.7D CR	0.9-1.4	0.24-0.35	1.4-1.8	0.35-0.47	1.8-2.3	0.47-0.59
302.4D	1.2-1.8	0.31-0.47	1.8-2.4	0.47-0.62	2.4-3.0	0.62-0.78
302.7D CR	1.2-1.8	0.31-0.47	1.8-2.4	0.47-0.62	2.4-3.0	0.62-0.78
MHE E SERIES						
303E CR	1.1-2.3	0.3-0.6	2.3-3.4	0.6-0.9	3.4-4.6	0.9-1.2
303.5E CR	1.5-2.9	0.4-0.8	2.9-4.4	0.8-1.2	4.4-5.8	1.2-1.5
303.5E2 CR	1.11-2.22	0.29-0.60	2.22-3.32	0.60-0.90	3.32-4.43	0.90-1.17
304E2 CR	1.8-3.7	0.5-1.0	3.7-5.5	1.0-1.5	5.5-7.3	1.5-1.9
305E2 CR	1.8-3.7	0.5-1.0	3.7-5.5	1.0-1.5	5.5-7.3	1.5-1.9
305.5E2 CR	2.0-4.0	0.5-1.1	4.0-6.0	1.1-1.6	6.0-8.0	1.6-2.1
308E2	2.7-5.4	0.7-1.4	5.4-8.0	1.4-2.1	8.0-10.7	2.1-2.8
306E, 307E	2.3-4.6	0.6-1.2	4.6-6.9	1.2-1.8	6.9-9.2	1.8-2.4
305.5E	2.0-4.0	0.5-1.1	4.0-6.0	1.1-1.6	6.0-8.0	1.6-2.1
308E	2.9-5.7	0.8-1.5	5.7-8.6	1.5-2.3	8.6-11.5	2.3-3.0
HEX D SERIES						
311D RR* (STD C4.2 ACERT)	3.5-6.5	0.9-1.7	6.5-9.5	1.7-2.5	9.5-12.8	2.5-3.4
312D* (STD C4.2 ACERT)	4.0-7.5	1.1-2.0	7.5-11.5	2.0-3.0	11.5-15.2	3.0-4.0
312D* (ECO C4.2 ACERT)	3.6-6.8	1.0-1.8	6.8-10.4	1.8-2.7	10.4-13.7	2.7-3.6
314D CR* (STD C4.2 ACERT)	4.0-7.5	1.1-2.0	7.5-11.5	2.0-3.0	11.5-15.2	3.0-4.0
315D* (STD C4.2 ACERT)	5.0-9.5	1.3-2.5	9.5-14.5	2.5-3.8	14.5-19.2	3.8-5.1
315D* (ECO C4.2 ACERT)	4.5-8.6	1.2-2.3	8.6-13.1	2.3-3.5	13.1-17.3	3.5-4.6
319D* (STD C4.2 ACERT)	5.5-10.5	1.5-2.8	10.5-15.5	2.8-4.1	15.5-21.0	4.1-5.5
320D2** (STD Panther)	5.3-13.3	1.4-3.5	13.3-18.6	3.5-4.9	18.6-26.5	4.9-7.0
323D2** (HHP Unity)	5.4-13.5	1.4-3.6	13.5-18.9	3.6-5.0	18.9-27.0	5.0-7.1
336D* (ECO C9 ACERT)	9.5-19.1	2.5-5.0	19.1-28.6	5.0-7.6	28.6-37.8	7.6-10.0
336D* (STD C9 ACERT)	10.2-20.5	2.7-5.4	20.5-30.7	5.4-8.1	30.7-40.5	8.1-10.7
336D* (HHP C9 ACERT)	11.5-23.0	3.0-6.1	23.0-34.5	6.1-9.1	34.5-45.5	9.1-12.0
336D** (ECO C9 ACERT)	9.1-17.8	2.4-4.7	17.8-27.0	4.7-7.1	27.0-36.1	7.1-9.5
336D** (STD C9 ACERT)	9.8-19.1	2.6-5.1	19.1-28.9	5.1-7.6	28.9-38.7	7.6-10.2
336D** (HHP C9 ACERT)	11.0-21.5	2.9-5.7	21.5-32.5	5.7-8.6	32.5-43.5	8.6-11.5
345D* (C13 ACERT)	15.5-30.5	4.1-8.1	30.5-45.6	8.1-12.0	45.6-61.0	12.0-16.1
345D** (C13 ACERT)	14.5-29.0	3.8-7.7	29.0-43.3	7.7-11.4	43.3-58.0	11.4-15.3
374D*^ (C15 ACERT)	28.0-46.0	7.4-12.2	46.0-55.0	12.2-14.5	55.0-68.0	14.5-18.0
374D*^^ (C15 ACERT)	26.6-43.7	7.0-11.5	43.7-52.3	11.5-13.8	52.3-64.6	13.8-17.1
390D*^ (C18 ACERT)	31.0-52.0	8.2-13.7	52.0-66.5	13.7-17.6	66.5-77.0	17.6-20.3
390D*^^ (C18 ACERT)	29.5-49.4	7.8-13.0	49.4-63.2	13.0-16.7	63.2-73.2	16.7-19.3

*Meets Tier 3/Stage IIIA/Japan 2006 (Tier 3) equivalent emission standards.

**Meets Tier 2/Stage II/Japan 2001 (Tier 2) equivalent emission standards.

^374D and 390D hourly fuel rates are taken directly from customer machines registered on Product Link worldwide. Data from the top and bottom 5% of these customer machines has been excluded from the tables because it varies widely and therefore is not considered representative of what the remaining 90% of customers experience. Hourly fuel consumption for the 90% of machines in the tables also varies depending upon geographical region, load factor variation between units, etc. Cat machines are often used in more demanding applications which can account for differences between competitive models used in lighter duty applications. Consult your local Cat dealer for ways to more accurately estimate hourly fuel consumption for specific applications.

If the application of these machines is to be used for scrap handling, the LOW hourly fuel consumption rate would typically apply.

NOTE: Fuel consumption rates for 320D through 390D include machine at idle per load factor definition.

EXCAVATORS

Model	Low		Medium		High	
	liter	U.S. gal	liter	U.S. gal	liter	U.S. gal
HEX D2 SERIES						
312D2/313D2*** (STD 3054C)	3.6-7.1	1.0-1.9	7.1-10.7	1.9-2.8	10.7-14.2	2.8-3.7
312D2/313D2*** (ECO 3054C)	3.1-6.2	0.8-1.6	6.2-9.3	1.6-2.5	9.3-12.4	2.5-3.3
312D2 GC*** (STD 3054C)	3.1-6.2	0.8-1.6	6.2-9.3	1.6-2.5	9.3-12.4	2.5-3.3
318D2*** (STD 3054CA)	4.5-8.9	1.2-2.3	8.9-13.4	2.3-3.5	13.4-17.8	3.5-4.7
318D2*** (ECO 3054CA)	3.9-7.8	1.0-2.1	7.8-11.8	2.1-3.1	11.8-15.7	3.1-4.1
320D2 GC*** (ECO Panther)	4.8-9.5	1.3-2.5	9.5-14.3	2.5-3.8	14.3-19.0	3.8-5.0
326D2** (HHP C7.1 ACERT)	6.8-13.7	1.8-3.6	13.7-20.5	3.6-5.4	20.5-27.4	5.4-7.2
326D2** (ECO C7.1 ACERT)	5.1-10.2	1.3-2.7	10.2-15.4	2.7-4.1	15.4-20.5	4.1-5.4
326D2*** (HHP C7.1 ACERT)	6.7-13.5	1.8-3.6	13.5-20.2	3.6-5.3	20.2-27.0	5.3-7.1
326D2*** (ECO C7.1 ACERT)	5.2-10.4	1.4-2.7	10.4-15.5	2.7-4.1	15.5-20.7	4.1-5.5
330D2** (HHP C7.1 ACERT)	7.6-15.3	2.0-4.0	15.3-22.9	4.0-6.0	22.9-30.6	6.0-8.1
330D2** (ECO C7.1 ACERT)	5.7-11.4	1.5-3.0	11.4-17.2	3.0-4.5	17.2-22.3	4.5-5.9
330D2*** (HHP C7.1 ACERT)	7.2-14.4	1.9-3.8	14.4-21.6	3.8-5.7	21.6-28.8	5.7-7.6
330D2*** (ECO C7.1 ACERT)	5.4-10.8	1.4-2.9	10.8-16.3	2.9-4.3	16.3-21.7	4.3-5.7
336D2**/340D2**^ (C9 ACERT)	15.0-20.3	4.0-5.3	20.3-23.5	5.3-6.2	23.5-27.1	6.2-7.2
336D2 GC**^ (C9 ACERT)	13.5-18.2	3.6-4.8	18.2-21.1	4.8-5.6	21.1-24.4	5.6-6.5
349D2** (C13 ACERT)	14.8-29.6	3.9-7.8	29.6-44.4	7.8-11.7	44.4-59.2	11.7-15.6
349D2*** (C13 ACERT)	13.9-27.8	3.7-7.3	27.8-41.7	7.3-11.0	41.7-55.6	11.0-14.7
HEX E SERIES						
312E* (HHP C4.4)	3.6-7.1	0.9-1.9	7.1-10.7	1.9-2.8	10.7-14.2	2.8-3.8
312E* (ECO C4.4)	3.2-6.3	0.8-1.7	6.3-9.5	1.7-2.5	9.5-12.6	2.5-3.3
314E* (HHP C4.4)	3.1-6.2	0.8-1.6	6.2-9.3	1.6-2.5	9.3-12.4	2.5-3.3
314E* (ECO C4.4)	2.9-5.7	0.8-1.5	5.7-8.6	1.5-2.3	8.6-11.5	2.3-3.0
314E L* (HHP C4.4)	3.4-6.8	0.9-1.8	6.8-10.2	1.8-2.7	10.2-13.7	2.7-3.6
314E L* (ECO C4.4)	2.7-5.4	0.7-1.4	5.4-8.1	1.4-2.1	8.1-10.8	2.1-2.8
316E* (HHP C4.4)	4.5-9.1	1.2-2.4	9.1-13.6	2.4-3.6	13.6-18.2	3.6-4.8
316E* (ECO C4.4)	3.9-7.8	1.0-2.1	7.8-11.7	2.1-3.1	11.7-15.7	3.1-4.1
318E* (HHP C4.4)	4.5-9.1	1.2-2.4	9.1-13.6	2.4-3.6	13.6-18.2	3.6-4.8
318E* (ECO C4.4)	3.9-7.8	1.0-2.1	7.8-11.7	2.1-3.1	11.7-15.7	3.1-4.1
320E* (HHP C6.6 ACERT)	6.1-12.1	1.6-3.2	12.1-18.2	3.2-4.8	18.2-24.2	4.8-6.4
320E* (SHP C6.6 ACERT)	5.6-11.2	1.5-3.0	11.2-16.8	3.0-4.4	16.8-22.4	4.4-5.9
324E* (C7.1 ACERT)	7.0-14.5	1.8-3.8	14.5-21.5	3.8-5.7	21.5-29.0	5.7-7.7
329E* (C7.1 ACERT)	8.5-17.0	2.2-4.5	17.0-25.5	4.5-6.7	25.5-34.5	6.7-9.1
336E**^ (C9.3 ACERT)	13.5-22.0	3.6-5.8	22.0-29.0	5.8-7.7	29.0-36.0	7.7-9.5
349E* (C13 ACERT)	15.0-30.5	4.0-8.1	30.5-45.5	8.1-12.0	45.5-60.5	12.0-16.0

*Meets Tier 4 Interim/Stage IIIB/Japan 2011 (Tier 4 Interim) equivalent emission standards.

**Meets Tier 3/Stage IIIA/Japan 2006 (Tier 3) equivalent emission standards.

***Meets Tier 2/Stage II/Japan 2001 (Tier 2) equivalent emission standards.

^336D2/340D2, 336D2 GC and 336E hourly fuel rates are taken directly from customer machines registered on Product Link worldwide. Data from the top and bottom 5% of these customer machines has been excluded from the tables because it varies widely and therefore is not considered representative of what the remaining 90% of customers experience. Hourly fuel consumption for the 90% of machines in the tables also varies depending upon geographical region, load factor variation between units, etc. Cat machines are often used in more demanding applications which can account for differences between competitive models used in lighter duty applications. Consult your local Cat dealer for ways to more accurately estimate hourly fuel consumption for specific applications.

EXCAVATORS

Model	Low		Medium		High	
	liter	U.S. gal	liter	U.S. gal	liter	U.S. gal
HYBRID HEX E SERIES						
336E H**^ (C9.3 ACERT)	11.0-17.0	2.9-4.5	17.0-23.5	4.5-6.2	23.5-28.5	6.2-7.5
HYBRID HEX F SERIES						
336F XE**^ (C9.3 ACERT)	9.8-14.3	2.6-3.8	14.3-19.4	3.8-5.1	19.4-23.8	5.1-6.3
HEX F SERIES						
311F* (STD C3.4)	2.7-5.3	0.7-1.4	5.3-8.0	1.4-2.1	8.0-10.6	2.1-2.8
311F* (ECO C3.4)	2.4-4.8	0.6-1.3	4.8-7.2	1.3-1.9	7.2-9.6	1.9-2.5
312F GC/313F L GC (STD C3.4)	3.1-6.2	0.8-1.6	6.2-9.3	1.6-2.5	9.3-12.4	2.5-3.3
312F/313F L* (STD C4.4)	3.4-6.7	0.9-1.8	6.7-10.0	1.8-2.6	10.0-13.3	2.6-3.5
312F/313F L* (ECO C4.4)	2.7-5.4	0.7-1.4	5.4-8.1	1.4-2.2	8.1-10.8	2.2-2.9
316F L/318F L* (STD C4.4)	4.2-8.3	1.1-2.2	8.3-12.4	2.2-3.3	12.4-16.5	3.3-4.4
316F L/318F L* (ECO C4.4)	3.6-7.2	1.0-1.9	7.2-10.8	1.9-2.9	10.8-14.4	2.9-3.8
320F* (STD C4.4 ACERT)	5.4-10.9	1.4-2.9	10.9-16.3	2.9-4.3	16.3-21.8	4.3-5.7
320F* (ECO C4.4 ACERT)	4.5-8.9	1.2-2.4	8.9-13.4	2.4-3.5	13.4-17.8	3.5-4.7
323F* (HHP C7.1 ACERT)	5.4-10.8	1.4-2.9	10.8-16.2	2.9-4.3	16.2-21.6	4.3-5.7
323F* (STD C7.1 ACERT)	5.1-10.1	1.3-2.7	10.1-15.2	2.7-4.0	15.2-20.2	4.0-5.3
323F* (ECO C7.1 ACERT)	4.3-8.6	1.1-2.3	8.6-12.9	2.3-3.4	12.9-17.2	3.4-4.5
325F L CR* (HHP C4.4 ACERT)	5.9-11.8	1.6-3.1	11.8-17.7	3.1-4.7	17.7-23.6	4.7-6.2
325F L CR* (STD C4.4 ACERT)	5.6-11.2	1.5-3.0	11.2-16.7	3.0-4.4	16.7-22.3	4.4-5.9
325F L CR* (ECO C4.4 ACERT)	4.6-9.2	1.2-2.4	9.2-13.9	2.4-3.7	13.9-18.5	3.7-4.9
326F* (HHP C7.1 ACERT)	6.5-13.0	1.7-3.4	13.0-19.5	3.4-5.1	19.5-26.0	5.1-6.9
326F* (STD C7.1 ACERT)	6.0-12.0	1.6-3.2	12.0-18.0	3.2-4.8	18.0-24.0	4.8-6.3
326F* (ECO C7.1 ACERT)	4.9-9.7	1.3-2.6	9.7-14.6	2.6-3.9	14.6-19.4	3.9-5.1
329F* (HHP C7.1 ACERT)	8.0-16.0	2.1-4.2	16.0-24.1	4.2-6.4	24.1-32.1	6.4-8.5
329F* (STD C7.1 ACERT)	7.8-15.5	2.1-4.1	15.5-23.3	4.1-6.2	23.3-31.0	6.2-8.2
329F* (ECO C7.1 ACERT)	6.4-12.7	1.7-3.4	12.7-19.1	3.4-5.0	19.1-25.4	5.0-6.7
335F L CR* (HHP C7.1 ACERT)	7.8-15.6	2.1-4.1	15.6-23.4	4.1-6.2	23.4-31.2	6.2-8.2
335F L CR* (STD C7.1 ACERT)	7.0-14.1	1.8-3.7	14.1-21.1	3.7-5.6	21.1-28.2	5.6-7.4
335F L CR* (ECO C7.1 ACERT)	5.9-11.2	1.6-3.0	11.2-17.8	3.0-4.7	17.8-23.8	4.7-6.3
336F**^ (C9.3 ACERT)	12.0-18.5	3.2-4.9	18.5-24.0	4.9-6.3	24.0-30.0	6.3-7.9
349F* (C13 ACERT)	14.7-29.5	3.9-7.8	29.5-44.2	7.8-11.7	44.2-59.0	11.7-15.6
374F**^ (C15 ACERT)	19.0-32.0	5.0-8.5	32.0-42.0	8.5-11.1	42.0-49.0	11.1-12.9
374F***^ (C15 ACERT)	20.1-33.8	5.3-8.9	33.8-44.3	8.9-11.7	44.3-51.7	11.7-13.7
374F****^ (C15 ACERT)	19.2-32.4	5.1-8.6	32.4-42.5	8.6-11.2	42.5-49.5	11.2-13.1
390F**^ (C18 ACERT)	22.0-39.0	5.8-10.3	39.0-50.0	10.3-13.2	50.0-63.0	13.2-16.6
390F***^ (C18 ACERT)	22.2-39.4	5.9-10.4	39.4-50.5	10.4-13.3	50.5-63.7	13.3-16.8
390F****^ (C18 ACERT)	21.3-37.8	5.6-10.0	37.8-48.4	10.0-12.8	48.4-61.0	12.8-16.1

*Meets Tier 4 Final/Stage IV/Japan 2014 (Tier 4 Final) emission standards.

**Meets Tier 4 Interim/Stage IIIB/Japan 2011 (Tier 4 Interim) equivalent emission standards.

***Meets Tier 3/Stage IIIA/Japan 2006 (Tier 3) equivalent emission standards.

****Meets Tier 2/Stage II/Japan 2001 (Tier 2) equivalent emission standards.

^336EH, 336F, 336F XE, 374F and 390F hourly fuel rates are taken directly from customer machines registered on Product Link worldwide. Data from the top and bottom 5% of these customer machines has been excluded from the tables because it varies widely and therefore is not considered representative of what the remaining 90% of customers experience. Hourly fuel consumption for the 90% of machines in the tables also varies depending upon geographical region, load factor variation between units, etc. Cat machines are often used in more demanding applications which can account for differences between competitive models used in lighter duty applications. Consult your local Cat dealer for ways to more accurately estimate hourly fuel consumption for specific applications.

EXCAVATORS

Model	Low		Medium		High	
	liter	U.S. gal	liter	U.S. gal	liter	U.S. gal
TRACK MATERIAL HANDLERS						
385C MH	48-60	12.7-15.8	60-74	15.8-19.5	74-82	19.5-21.7
WHEEL HEX						
D Series						
M313D	7.5-11.6	2.0-3.1	11.6-16.4	3.1-4.3	16.4-19.2	4.3-5.1
M315D	8.7-13.1	2.3-3.5	13.1-18.1	3.5-4.8	18.1-21.0	4.8-5.6
M316D	7.9-11.8	2.1-3.1	11.8-17.1	3.1-4.5	17.1-20.3	4.5-5.4
M318D	9.1-13.3	2.4-3.5	13.3-18.2	3.5-4.8	18.2-21.7	4.8-5.7
M318D MH	9.1-13.3	2.4-3.5	13.3-18.2	3.5-4.8	18.2-21.7	4.8-5.7
M322D	11.6-17.5	3.1-4.6	17.5-23.3	4.6-6.1	23.3-26.9	6.1-7.1
M322D MH	11.6-17.5	3.1-4.6	17.5-23.3	4.6-6.1	23.3-26.9	6.1-7.1
D2 Series						
M315D2	7.5-11.6	2.0-3.1	11.6-16.4	3.1-4.3	16.4-19.2	4.3-5.1
M317D2	8.7-13.1	2.3-3.5	13.1-18.1	3.5-4.8	18.1-21.0	4.8-5.6
F Series						
M314F	4.9-7.8	1.3-2.1	7.8-8.8	2.1-2.3	8.8-11.8	2.3-3.1
M316F	6.4-8.6	1.7-2.3	8.6-9.6	2.3-2.5	9.6-12.9	2.5-3.4
M318F	5.6-8.9	1.5-2.4	8.9-11.1	2.4-2.9	11.1-13.4	2.9-3.5
M320F	5.7-9.1	1.5-2.4	9.1-11.4	2.4-3.0	11.4-13.7	3.0-3.6
M322F	7.4-10.3	2.0-2.7	10.3-11.8	2.7-3.1	11.8-14.2	3.1-3.9
MATERIAL HANDLER						
M325D MH	13-18	3.4-4.8	19-23	5.0-6.1	24-28	6.3-7.4
M325D LMH	14-20	3.7-5.3	21-26	5.5-6.9	27-32	7.1-8.5
MH3022	5.7-9.1	1.5-2.4	9.1-11.4	2.4-3.0	11.4-13.7	3.0-3.6
MH3024	7.4-10.3	2.0-2.7	10.3-11.8	2.7-3.1	11.8-14.2	3.1-3.7
MH3037	15-17	4.0-4.5	18-20	4.8-5.3	21-23	5.5-6.1
MH3049	17-19	4.5-5.0	20-22	5.3-5.8	23-25	6.1-6.6
MH3059	20-22	5.3-5.8	23-25	6.1-6.6	26-28	6.9-7.4