



CAT[®] UTILITY COMPACTORS

CB14B, CB22B, CB24B, CB24B XT, CB32B,
CB34B, CB34B XW, CC24B, CC34B

BUILT FOR IT.[™]



SPECIFICATIONS

	CB14B (900 mm)	CB14B (1000 mm)	CB22B
Dimensions			
Overall length – mm (in)	1950 (77)	1950 (77)	2575 (101)
Overall width – mm (in)	1000 (39)	1102 (43)	1112 (44)
Drum width – mm (in)	900 (35)	1000 (39)	1000 (39)
Drum offset – mm (in)	NA	NA	50 (2)
Drum shell thickness – mm (in)	14 (0.54)	14 (0.54)	14 (0.55)
Drum diameter – mm (in)	560 (22)	560 (22)	720 (28)
Overall height at ROPS/FOPS with canopy – mm (in)	2545 (100)	2545 (100)	2700 (106)
Transport height – mm (in)	1975 (78)	1975 (78)	1800 (71)
Wheelbase – mm (in)	–	–	1800 (71)
Curb clearance – mm (in)	400 (16)	400 (16)	500 (20)
Ground clearance – mm (in)	220 (9)	220 (9)	285 (11)
Engine			
Model	Kohler KDW1003	Kohler KDW1003	Cat C1.5
Maximum gross power – kW (hp)	16.8 (22.5)	16.8 (22.5)	27 (36.2)*
	NA	NA	24.4 (32.7)**
Number of cylinders	3	3	3
Rated speed – rpm	2850	2850	2800
Bore – mm (in)	75.3 (3)	75.3 (3)	84 (3.3)
Stroke – mm (in)	77.6 (3.1)	77.6 (3.1)	90 (3.5)
Operating Weights			
Standard machine w/ROPS/FOPS – kg (lb)	1485 (3274)	1520 (3351)	2553 (5629)
Weight at front drum – kg (lb)	694 (1529)	711 (1565)	1211 (2669)
Weight at rear drum – kg (lb)	792 (1745)	812 (1786)	1342 (2960)
Shipping weight – kg (lb)	1356 (2990)	1391 (3067)	2360 (5203)
Maximum machine – kg (lb)	1544 (3404)	1579 (3481)	2731 (6020)
Static linear load – kg/cm (lb/in)	8.2 (46)	7.6 (43)	12.8 (72)
Vibratory System			
Amplitude – mm (in)	0.46 (0.018)	0.46 (0.018)	0.525 (0.021)
Frequency – Hz (vpm)			
- High	70 (4200)	65 (3900)	63 (3780)
- Middle	NA	NA	52 (3120)
- Low	NA	NA	42 (2520)
Centrifugal – High kN (lbf)	15 (3400)	15 (3400)	28.8 (6475)
- Middle – kN (lbf)	NA	NA	19.6 (4406)
- Low – kN (lbf)	NA	NA	12.8 (2878)
Miscellaneous			
Steering (inside drum edge) – mm (in)	2020 (80)	1972 (78)	2670 (105)
(outside drum edge) – mm (in)	2900 (115)	3000 (118)	3470 (137)
Maximum offset – mm (in)	NA	NA	50 (2)
Articulation angle	34°	34°	32°
Oscillation angle	15°	15°	10°
Capacities			
Fuel tank – L (gal)	23 (6)	23 (6)	63.5 (17)
Water tank – L (gal)	100 (26)	100 (26)	235 (62)
Emulsion tank – L (gal)	NA	NA	NA

* Turbo-charged meet U.S. EPA Tier 4 Final emissions

** Meets emissions equivalent to U.S. EPA Tier 4 Interim and E.U. Stage IIIA standards (note: E.U. Stage IIIB emissions standards do not apply to this power ratings class)

SPECIFICATIONS

	CB24B	CB24B XT	CB32B	CB32B w/ Ballast
Dimensions				
Overall length – mm (in)	2575 (101)	2575 (101)	2575 (101)	2575 (101)
Overall width – mm (in)	1312 (52)	1312 (52)	1412 (56)	1412 (56)
Drum width – mm (in)	1200 (47)	1200 (47)	1300 (51)	1300 (51)
Drum offset – mm (in)	50 (2)	50 (2)	50 (2)	50 (2)
Drum shell thickness – mm (in)	14 (0.55)	14 (0.55)	14 (0.55)	14 (0.55)
Drum diameter – mm (in)	720 (28)	720 (28)	720 (28)	720 (28)
Overall height at ROPS/FOPS with canopy – mm (in)	2700 (106)	2700 (106)	2700 (106)	2700 (106)
Transport Height – mm (in)	1800 (71)	1800 (71)	1800 (71)	1800 (71)
Wheelbase – mm (in)	1800 (71)	1800 (71)	1800 (71)	1800 (71)
Curb clearance – mm (in)	500 (20)	500 (20)	500 (20)	500 (20)
Ground clearance – mm (in)	285 (11)	285 (11)	285 (11)	285 (11)
Engine				
Model	Cat C1.5	Cat C1.5	Cat C1.5	Cat C1.5
Maximum gross power – kW (hp)*	27 (36.2)*	27 (36.2)*	27 (36.2)*	27 (36.2)*
	24.4 (32.7)**	24.4 (32.7)**	24.4 (32.7)**	24.4 (32.7)**
Number of cylinders	3	3	3	3
Rated speed – rpm	2800	2800	2800	2800
Bore – mm (in)	84 (3.3)	84 (3.3)	84 (3.3)	84 (3.3)
Stroke – mm (in)	90 (3.5)	90 (3.5)	90 (3.5)	90 (3.5)
Operating Weights				
Standard machine w/ ROPS/FOPS – kg (lb)	2723 (6003)	3123 (6885)	2808 (6190)	3208 (7071)
Weight at front drum – kg (lb)	1296 (2857)	1496 (3298)	1338 (2950)	1538 (3391)
Weight at rear drum – kg (lb)	1427 (3147)	1627 (3588)	1470 (3239)	1670 (3681)
Shipping Weight – kg (lb)	2530 (5578)	2930 (6460)	2615 (5764)	3015 (6646)
Maximum machine – kg (lb)	2901 (6395)	3301 (7276)	2985 (6581)	3385 (7462)
Static linear load – kg/cm (lb/in)	11.3 (63)	13 (73)	10.8 (61)	12.3 (69)
Vibratory System				
Amplitude – mm (in)	0.525 (0.021)	0.525 (0.021)	0.525 (0.021)	0.525 (0.021)
Frequency – Hz (vpm)				
- High	63 (3,780)	63 (3,780)	63 (3,780)	63 (3,780)
- Middle	52 (3,120)	52 (3,120)	52 (3,120)	52 (3,120)
- Low	42 (2,520)	42 (2,520)	42 (2,520)	42 (2,520)
Centrifugal – High kN (lbf)	32.8 (7374)	32.8 (7374)	34.8 (7823)	34.8 (7823)
- Middle – kN (lbf)	22.3 (5013)	22.3 (5013)	23.7 (5328)	23.7 (5328)
- Low – kN (lbf)	14.6 (3282)	14.6 (3282)	15.5 (3485)	15.5 (3485)
Miscellaneous				
Steering (inside drum edge) – mm (in)	2470 (97)	2470 (97)	2370 (93)	2370 (93)
- (outside drum edge) – mm (in)	3670 (144)	3670 (144)	3770 (148)	3770 (148)
Maximum offset – mm (in)	50 (2)	50 (2)	50 (2)	50 (2)
Articulation angle	32°	32°	32°	32°
Oscillation angle	10°	10°	10°	10°
Fuel Tank				
Fuel tank – L (gal)	63.5 (16.8)	63.5 (16.8)	63.5 (16.8)	63.5 (16.8)
Water tank – L (gal)	235 (62)	235 (62)	235 (62)	235 (62)
Emulsion tank – L (gal)	NA	NA	NA	NA

* Turbo-charged meet U.S. EPA Tier 4 Final emissions

** Meets emissions equivalent to U.S. EPA Tier 4 Interim and E.U. Stage IIIA standards (note: E.U. Stage IIIB emissions standards do not apply to this power ratings class)

CB34B	CB34B w/ Ballast	CB34B XW	CB34B XW w/ Ballast	CC24B	CC34B
2859 (113)	2859 (113)	2859 (113)	2859 (113)	2575 (101)	2859 (113)
1400 (55)	1400 (55)	1500 (59)	1500 (59)	1312 (52)	1400 (55)
1300 (51)	1300 (51)	1400 (55)	1400 (55)	1200 (47)	1300 (51)
50 (2)	50 (2)	50 (2)	50 (2)	50 (2)	50 (2)
16 (0.63)	16 (0.63)	16 (0.63)	16 (0.63)	14 (0.55)	16 (0.63)
800 (32)	800 (32)	800 (32)	800 (32)	720 (28)	800 (32)
2765 (109)	2765 (109)	2765 (109)	2765 (109)	2700 (106)	2765 (109)
1930 (76)	1930 (76)	1930 (76)	1930 (76)	1800 (71)	1930 (76)
2050 (81)	2050 (81)	2050 (81)	2050 (81)	1800 (71)	2050 (81)
520 (20)	520 (20)	520 (20)	520 (20)	500 (20)	520 (20)
284 (11)	284 (11)	284 (11)	284 (11)	285 (11)	284 (11)
Cat C.2.2	Cat C.2.2	Cat C.2.2	Cat C.2.2	Cat C1.5	Cat C.2.2
36.4 (48.8)*	36.4 (48.8)*	36.4 (48.8)*	36.4 (48.8)*	27 (36.2)*	36.4 (48.8)*
36.6 (49.1)**	36.6 (49.1)**	36.6 (49.1)**	36.6 (49.1)**	24.4 (32.7)**	36.6 (49.1)**
4	4	4	4	3	4
2800	2800	2800	2800	2800	2800
84 (3.3)	84 (3.3)	84 (3.3)	84 (3.3)	84 (3.3)	84 (3.3)
100 (3.9)	100 (3.9)	90 (3.5)	90 (3.5)	90 (3.5)	100 mm 3.9 in
3699 (8155)	4099 (9036)	3803 (8385)	4203 (9267)	2441 (5380)	3378 (7446)
1803 (3974)	2003 (4415)	1855 (4089)	2055 (4530)	1296 (2857)	1803 (3974)
1896 (4180)	2096 (4621)	1948 (4296)	2148 (4736)	1145 (2524)	1575 (3472)
3466 (7641)	3866 (8523)	3570 (7871)	3970 (8753)	2248 (4955)	3145 (6932)
3913 (8626)	4313 (9508)	4017 (8856)	4417 (9738)	2618 (5772)	3592 (7918)
14.2 (80)	15.8 (89)	13.6 (76)	15.0 (84)	10.2 (57)	13.0 (73)
0.5 (0.020)	0.5 (0.020)	0.5 (0.020)	0.5 (0.020)	0.525 (0.021)	0.5 (0.020)
55 (3,300)	55 (3,300)	55 (3,300)	55 (3,300)	63 (3,780)	55 (3,300)
N/A	N/A	N/A	N/A	52 (3,120)	N/A
48 (2,880)	48 (2,880)	48 (2,880)	48 (2,880)	42 (2,520)	48 (2,880)
31.6 (7104)	31.6 (7104)	33.5 (7531)	33.5 (7531)	32.8 (7378)	31.6 (7104)
N/A	N/A	N/A	N/A	22.3 (5013)	NA
24.1 (5418)	24.1 (5418)	25.5 (5733)	25.5 (5733)	14.6 (3282)	24.1 (5418)
2932 (115)	2932 (115)	2897 (114)	2897 (114)	2475 (97)	2937 (116)
4232 (167)	4232 (167)	4297 (169)	4297 (169)	3675 (145)	4237 (167)
50 (2)	50 (2)	50 (2)	50 (2)	50 (2)	50 (2)
32°	32°	32°	32°	32°	32°
10°	10°	10°	10°	10°	10°
90.7 (24)	90.7 (24)	90.7 (24)	90.7 (24)	63.5 (16.8)	90.7 (24)
308 (82)	308 (81)	308 (81)	308 (81)	195 (52)	241 (64)
NA	NA	NA	NA	26 (7)	34 (9)