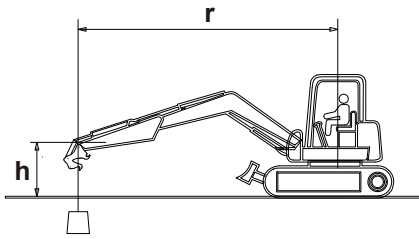


SPECIFICATIONS

		Z17 GEN:2	Z25	Z35 GEN:2	Z45 GEN:2	Z55	Z80 GEN:2
ENGINE	Make	Yanmar	Yanmar	Yanmar	Yanmar	Yanmar	Yanmar
	Model	3TNV74F-SPBV Tier IV	3TNV80F Tier IV	3TNV88F-ESBV Tier IV	4TNV88C-PBV Tier IV	4TNV86CT Tier IV	4TNV98C-WBV Tier IV
	Type	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel
	Displacement (L)	60.6 cu.in. (0.993)	77.3 cu.in. (1.26)	100.2 cu.in. (1.64)	133.6 cu.in. (2.19)	128 cu.in. (2.09)	202.5 cu.in. (3.32)
	Gross Power (kW) @ rpm	15.01 hp (11.2) @ 2400	20.4 hp (15.2) @ 2500	24.5 hp (18.2) @ 2200	39.0 hp (29.1) @ 2400	47.6 hp (35.5) @ 2400	56.9 hp (42.4) @ 2000
	Net Power (kW) @ rpm	14.5 hp (10.8) @ 2400	19.7 hp (14.7) @ 2500	23.9 hp (17.8) @ 2200	37.7 hp (28.1) @ 2400	44.9 hp (33.5) @ 2400	55.7 hp (41.5) @ 1900
	Fuel Tank (L)	5.3 gal. (20)	8.1 gal. (30.5)	10.8 gal. (41)	17.4 gal. (66)	17.4 gal. (66)	30.4 gal. (115)
	Fuel Consumption (L/hr)	0.53 gal./hr. (2)	0.95 gal./hr (3.6)	1.03 gal./hr (3.9)	1.24 gal./hr (4.7)	1.35 gal./hr (5.1)	1.9 gal./hr (7.2)
HYDRAULIC SYSTEM	Pumps	2 variable, 2 gear	2 variable, 2 gear	2 variable, 2 gear	2 variable, 2 gear	2 variable, 2 gear	2 variable, 2 gear
	Total Flow Rate (L/min)	15.4 gpm (58.3)	24.5 gpm (92.7)	29.3 gpm (110.8)	35.1 gpm (132.8)	36.9 gpm (139.4)	56.7 gpm (214.5)
	Working Pressure (bar)	2,987 psi (206)	2,987 psi (206)	3,060 psi (211)	3,133 psi (216)	3,553 psi (245)	3,699 psi (255)
	Swing System Pressure (bar)	2,103 psi (145)	2,103 psi (145)	2,844 psi (196)	3,133 psi (216)	3,133 psi (216)	3,481 psi (240)
	Oil Cooler	Standard	Standard	Standard	Standard	Standard	Standard
	Hydraulic Tank (L)	6.6 gal. (25)	6.6 gal. (25)	10.6 gal. (40)	10.0 gal. (38)	10.0 gal. (38)	15.9 gal. (60)
UNDERCARRIAGE AND SLEWING SYSTEM	Travel Speed - dual (km/hr)	1.3/2.7 mph (2.1/4.3)	1.7/2.8 mph (2.8/4.5)	1.7/2.8 mph (2.7/4.5)	1.5/2.9 mph (2.4/4.6)	1.4/2.6 mph (2.2/4.2)	1.6/2.8 mph (2.5/4.5)
	Gradability	20°	20°	20°	20°	20°	20°
	Track Type / Width (mm)	Rubber / 9.1" (230)	Rubber / 9.8" (250)	Rubber / 11.8" (300)	Rubber / 13.8" (350)	Rubber / 15.7" (400)	Rubber / 17.7" (450)
	No. of Rollers per Side (track/idle)	3/1	4/1	4/1	4/1	4/1	5/1
	Track Length on Ground (mm)	4' 3.4" (1305)	5' 8.8" (1748)	5' 10" (1778)	7' 4.4" (2246)	8' 6" (2590)	8' 2.4" (2500)
	Ground Clearance (mm)	6.9" (175)	12.6" (320)	12.6" (320)	13.6" (345)	13.6" (345)	15.4" (390)
	Ground Pressure - Cab/Canopy (kPa)	4.1 psi (28.6)	4.6/4.4 psi (31.7/30.2)	5.0/4.8 psi (34.3/33.1)	4.4/4.3 psi (30.6/29.4)	4.4/4.25 psi (30.3/29.3)	5.2 psi (35.8)
	Slew Speed	9.5 rpm	10 rpm	9.5 rpm	10 rpm	10 rpm	9 rpm
	Maximum Drawbar Pull (kg)	4,181 lbs. (1897)	5,490 lbs. (2490)	7,306 lbs. (3314)	10,611 lbs. (4813)	12,544 lbs. (5690)	14,500 lbs. (6577)
	Maximum Bucket Breakout (kg) with quick coupler	n/a	4,079 lbs. (1850)	5,643 lbs. (2560)	6,497 lbs. (2947)	7,464 lbs. (3385)	11,332 lbs. (5140)
	Maximum Bucket Breakout (kg) without quick coupler	3,417 lbs. (1550)	5,203 lbs. (2360)	7,216 lbs. (3273)	8,206 lbs. (3722)	9,419 lbs. (4272)	14,286 lbs. (6480)
	Maximum Arm Digging Force (kg) with quick coupler	n/a	2,624 lbs. (1190)	4,226 lbs. (1917)	4,676 lbs. (2121)	5,058 lbs. (2294)	8,356 lbs.(3790)
	Maximum Arm Digging Force (kg) without quick coupler	1,918 lbs. (870)	2,844 lbs. (1290)	4,586 lbs. (2080)	5,103 lbs. (2315)	5,485 lbs. (2488)	9,171 lbs. (4160)
	DIMENSIONS	Operating Weight with Canopy (kg)	3,836 lbs. (1740)	5,919 lbs. (2685)	7,905 lbs. (3585)	10,417 lbs. (4725)	11,850 lbs. (5375)
Operating Weight with Cab (kg)		N/A	6,217 lbs. (2820)	8,214 lbs. (3725)	10,814 lbs. (4905)	12,247 lbs. (5555)	18,136 lbs. (8225)
A. Max. Digging Depth (mm)		7' 2.6" (2200)	9' 8" (2950)	10' 8" (3250)	11' 7.8" (3550)	12' 9.5" (3900)	14' 4.4" (4380)
B. Max. Vertical Wall Digging Depth (mm)		6' 0.8" (1850)	7' 9" (2370)	7' 11" (2410)	7' 9.7" (2380)	8' 4.8" (2560)	12' 10.3" (3920)
C. Max. Reach at Ground Level (mm)		12' 2.1" (3710)	15' 9" (4800)	17' 3.5" (5270)	18' 10" (5740)	20' 1.7" (6140)	23' 5.1" (7140)
D. Transport Length (mm)		11' 3.8" (3450)	13' 5" (4090)	15' 8" (4770)	17' 5.4" (5320)	18' 3.7" (5580)	21' 2.3" (6460)
E. Undercarriage Length (mm)		5' 0" (1525)	6' 8" (2040)	7' 1" (2160)	8' 6" (2590)	8' 6" (2590)	9' 5.8" (2890)
F. Max. Digging Height (mm)		12' 1.3" (3690)	14' 8.4" (4480)	16' 9.2" (5110)	18' 8.4" (5700)	19' 10.6" (6060)	23' 9.4" (7250)
G. Max. Dump Height (mm)		8' 7.5" (2630)	9' 1.4" (2780)	11' 2.3" (3410)	12' 0.9" (3680)	13' 3.4" (4050)	15' 2.7" (4640)
H. Minimum Front Swing Radius (mm)		5' 0.4" (1535)	7' 1" (2160)	7' 1.4" (2170)	7' 9.7" (2380)	6' 11.1" (2110)	8' 11.1" (2720)
I. Transport Height (mm)		7' 6.6" (2300)	8' 2" (2490)	8' 1" (2470)	8' 4" (2540)	8' 4" (2540)	8' 9.9" (2690)
J. Blade Below Ground (mm)		8.1" (205)	14" (355)	14.6" (370)	1' 9.3" (540)	1' 10.4" (570) / 1' 9.3" (540) ¹	1' 6.9" (480)
K. Overall Base Width (mm)		3' 1.4"/4' 2.4" (950/1280)	4' 11.1" (1500)	5' 8.5" (1740)	6' 4.4" (1940)	6' 6.3" (1990)	7' 5.4" (2270)
L. Track Width (mm)		9.1" (230)	9.8" (250)	11.8" (300)	13.8" (350)	15.7" (400)	1' 5.7" (450)
M. Ground Clearance (mm)		6.9" (175)	12.6" (320)	12.6" (320)	13.6" (345)	13.6" (345)	15.4" (390)
N. Parallel Offset Right (mm)		15.7" (400)	1' 7" (485)	2' 1.2" (640)	2' 6.3" (770)	2' 6.3" (770)	2' 0.4" (620)
O. Parallel Offset Left (mm)		2' 1.2" (640)	2' 3" (705)	1' 11.2" (590)	2' 2.8" (680)	2' 2.8" (680)	2' 9.1" (840)
P. Rear End Swing Radius (mm)		2' 1.2" (640)	2' 5.5" (750)	2' 6.5" (775)	3' 2.2" (970)	3' 3.2" (995)	3' 8.7" (1135)
Q. Boom Swing Angle - Left		42°	47°	43°	68°	68°	57°
R. Boom Swing Angle - Right		65°	74°	65°	68°	68°	60°
Max. Dig Depth with 8ft. (2.5 m) Flat Bottom	5' 0" (1520)	8' 2.4" (2500)	9' 1" (2770)	10' 3" (3135)	11' 5.4" (3490)	13' 5" (4100)	
DOZER BLADE	Width (mm)	3' 1" (950) to 4' 2" (1280)	4' 11.1" (1500)	5' 8.5" (1740)	6' 5.6" (1970)	6' 5.6" (1970)	7' 5" (2260)
	Height (mm)	9.3" (235)	11.6" (295)	14.6" (370)	15.7" (400)	15.7" (400)	17.7" (450)

¹Angle blade below ground

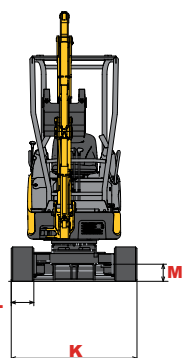
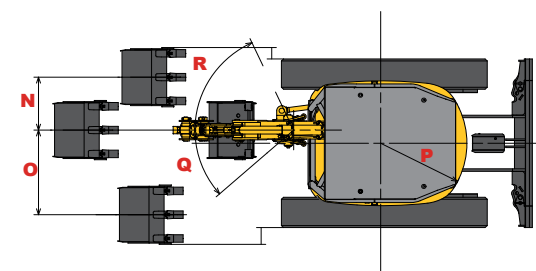
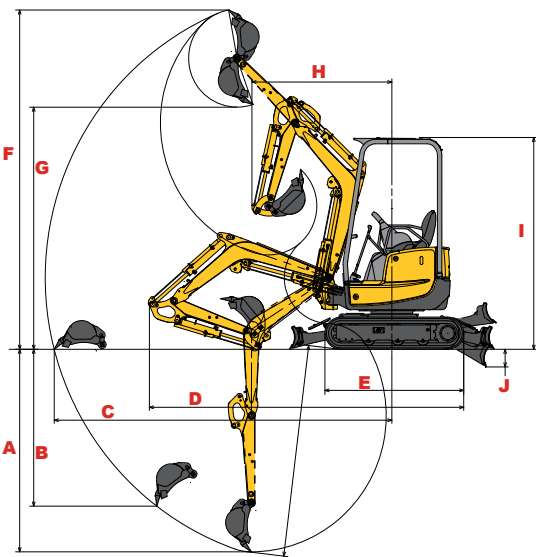
LIFTING CAPACITIES



† Lifting Capacity Charts Notes

- Lifting capacity is hydraulically limited (denoted with *).
- Lifting capacity calculated with standard Power-A-Tach® quick coupler on models Z25, Z35 GEN:2, Z45 GEN:2, Z55 and Z80 GEN:2.
- Note where applicable specifications conform to ISO standards.
- Weight of all lifting devices and attachment must be deducted to determine load that can be lifted.
- Lift point is bucket hinge point.

REFERENCE DIAGRAMS



(h) LIFT POINT HEIGHT - in. (mm)	RATED LIFT CAPACITY OVER END BLADE DOWN - lbs. (kg)				RATED LIFT CAPACITY OVER END BLADE UP - lbs. (kg)				RATED LIFT CAPACITY OVER SIDE BLADE UP - lbs. (kg)			
	MAX	98.5 (2500)	78.7 (2000)	MIN	MAX	98.5 (2500)	78.7 (2000)	MIN	MAX	98.5 (2500)	78.7 (2000)	MIN
78.7 (2000)	*749 (340)	*705 (320)			496 (225)	*694 (315)			518 (235)	*694 (315)		
59.1 (1500)	*771 (350)	*815 (370)	*936 (425)		451 (205)	*672 (305)	*925 (420)		473 (215)	*815 (370)	*936 (425)	
39.4 (1000)	*804 (365)	*925 (450)	*1311 (595)	1466 (665)	407 (185)	628 (285)	903 (410)	1157 (525)	440 (200)	650 (295)	959 (435)	1212 (550)
19.7 (500)	*826 (375)	*1157 (525)	*1631 (740)	*2028 (920)	407 (185)	617 (280)	859 (390)	1036 (470)	440 (200)	650 (295)	914 (415)	1102 (500)
GROUND (0)	*859 (390)	*1212 (550)	*1686 (765)	*2314 (1050)	418 (190)	584 (265)	804 (365)	1146 (520)	451 (205)	628 (285)	848 (385)	1091 (495)
-19.7 (-500)	*903 (410)	*1201 (545)	*1620 (735)		462 (210)	573 (260)	782 (355)		496 (225)	617 (280)	848 (385)	
-39.4 (-1000)	*925 (420)		*1499 (680)		551 (250)		826 (375)		584 (265)		892 (405)	

(h) LIFT POINT HEIGHT - in. (mm)	RATED LIFT CAPACITY OVER END BLADE DOWN - lbs. (kg)				RATED LIFT CAPACITY OVER END BLADE UP - lbs. (kg)				RATED LIFT CAPACITY OVER SIDE BLADE UP - lbs. (kg)			
	MAX	118.1 (3000)	98.4 (2500)	78.8 (2000)	MAX	118.1 (3000)	98.4 (2500)	78.7 (2000)	MAX	118.1 (3000)	98.4 (2500)	78.7 (2000)
118.1 (3000)	*1014 (460)				*992 (450)				837 (380)			
98.4 (2500)	*1014 (460)	*1014 (460)			881 (400)	*1014 (460)			727 (330)	*992 (450)		
78.7 (2000)	*1036 (470)	*1014 (460)			793 (360)	*1014 (460)			661 (300)	793 (360)		
39.4 (1000)	*1080 (490)	*1366 (620)	*1675 (760)		705 (320)	*1322 (600)	*1675 (760)		595 (270)	970 (440)	*1675 (760)	
GROUND (0)	*1146 (520)	*1609 (730)	*2094 (950)	*2888 (1310)	727 (330)	1058 (480)	1388 (630)	1962 (890)	595 (270)	881 (400)	1124 (510)	1521 (690)
-39.4 (-1000)	*1190 (540)	*1543 (700)	*2028 (920)	*2645 (1200)	859 (390)	1036 (470)	1322 (600)	1918 (870)	705 (320)	837 (380)	1102 (500)	1543 (700)
-59.1 (-1500)	*1168 (530)		*1675 (760)	*2116 (960)	1036 (470)		1344 (610)	1815 (840)	881 (400)		1124 (510)	1499 (680)

(h) LIFT POINT HEIGHT - in. (mm)	RATED LIFT CAPACITY OVER END BLADE DOWN - lbs. (kg)				RATED LIFT CAPACITY OVER END BLADE UP - lbs. (kg)				RATED LIFT CAPACITY OVER SIDE BLADE UP - lbs. (kg)			
	MAX	137.8 (3500)	118.1 (3000)	98.5 (2500)	MAX	137.8 (3500)	118.1 (3000)	98.5 (2500)	MAX	137.8 (3500)	118.1 (3000)	98.5 (2500)
118.1 (3000)	*1719 (780)	*1631 (740)	*1609 (730)		1058 (480)	1322 (600)	*1565 (710)		992 (450)	1278 (580)	*1565 (710)	
78.7 (2000)	*1763 (800)	*1918 (870)	*2138 (970)	*2491 (1130)	903 (410)	1278 (580)	1653 (750)	*2447 (1110)	815 (370)	1256 (570)	1543 (700)	*2447 (1110)
39.4 (1000)	*1807 (820)	*2336 (1060)	*2888 (1310)	*3813 (1730)	793 (360)	1190 (540)	1521 (690)	1984 (900)	749 (340)	1124 (510)	1410 (640)	1807 (820)
GROUND (0)	*1873 (850)	*2601 (1180)	*3218 (1460)	*4012 (1820)	815 (370)	1124 (510)	1410 (640)	1873 (850)	793 (360)	1058 (480)	1322 (600)	1719 (780)
-39.4 (-1000)	*1940 (880)	*2403 (1090)	*2954 (1340)	*3703 (1680)	925 (420)	1080 (490)	1388 (630)	1851 (840)	881 (400)	1014 (460)	1322 (600)	1675 (760)
-59.1 (-1500)	*1918 (870)	*2050 (930)	*2579 (1170)	*3130 (1420)	1124 (510)	1080 (490)	1410 (640)	1851 (840)	1058 (480)	1058 (480)	1344 (610)	1675 (760)
-78.7 (-2000)	*1851 (840)				1477 (670)				1410 (640)			

(h) LIFT POINT HEIGHT - in. (mm)	RATED LIFT CAPACITY OVER END BLADE DOWN - lbs. (kg)				RATED LIFT CAPACITY OVER END BLADE UP - lbs. (kg)				RATED LIFT CAPACITY OVER SIDE BLADE UP - lbs. (kg)			
	MAX	157.5 (4000)	118.1 (3000)	78.7 (2000)	MAX	157.5 (4000)	118.1 (3000)	78.7 (2000)	MAX	157.5 (4000)	118.1 (3000)	78.7 (2000)
157.5 (4000)	*2403 (1090)				*2292 (1040)				*1763 (800)			
118.1 (3000)	*2358 (1070)	*2314 (1050)			1543 (700)	*1829 (830)			1322 (600)	1587 (720)		
78.7 (2000)	*2425 (1070)	*2645 (1200)	*3306 (1500)		1300 (590)	1719 (780)	*3152 (1430)		1146 (520)	1587 (720)	*2425 (1100)	
39.4 (1000)	*2535 (1150)	*3042 (1380)	*4365 (1980)		1256 (570)	1675 (760)	2535 (1150)		1124 (510)	1499 (680)	2204 (1000)	
GROUND (0)	*2579 (1170)	*3284 (1490)	*4585 (2080)	*6459 (2930)	1300 (590)	1587 (720)	2358 (1070)	4166 (1890)	1102 (500)	1366 (620)	2028 (920)	3351 (1520)
-39.4 (-1000)	*2667 (1210)	*2910 (1320)	*4232 (1920)	*6393 (2900)	1521 (690)	1587 (720)	2403 (1090)	4387 (1990)	1322 (600)	1344 (610)	1984 (900)	3571 (1620)
-78.7 (-2000)	*2535 (1150)		*2954 (1340)		2601 (1180)		2469 (1120)		1940 (880)		2116 (960)	

(h) LIFT POINT HEIGHT - in. (mm)	RATED LIFT CAPACITY OVER END BLADE DOWN - lbs. (kg)				RATED LIFT CAPACITY OVER END BLADE UP - lbs. (kg)				RATED LIFT CAPACITY OVER SIDE BLADE UP - lbs. (kg)			
	MAX	157.5 (4000)	118.1 (3000)	78.7 (2000)	MAX	157.5 (4000)	118.1 (3000)	78.7 (2000)	MAX	157.5 (4000)	118.1 (3000)	78.7 (2000)
157.5 (4000)	*2513 (1140)	*2425 (1100)			*2425 (1100)	*2358 (1070)			1895 (860)	*2403 (1090)		
118.1 (3000)	*2513 (1140)	*2579 (1170)			1543 (700)	*2491 (1130)			1521 (690)	2469 (1120)		
78.7 (2000)	*2557 (1160)	*2976 (1350)	*3924 (1780)		1445 (660)	2204 (1000)	*3791 (1720)		1300 (590)	1962 (890)	*3615 (1640)	
39.4 (1000)	*2645 (1200)	*3439 (1560)	*5004 (2270)		1388 (630)	2094 (950)	3130 (1420)		1234 (560)	1873 (850)	2755 (1250)	
GROUND (0)	*2711 (1230)	*3681 (1670)	*5335 (2420)	*6966 (3160)	1477 (670)	1962 (890)	2976 (1350)	4761 (2160)	1300 (590)	1741 (790)	2579 (1170)	4166 (1890)
-39.4 (-1000)	*2777 (1260)	*3527 (1600)	*5092 (2310)	*7187 (3260)	1609 (730)	1940 (880)	2910 (1320)	4916 (2230)	1455 (660)	1785 (810)	2601 (1180)	4475 (2030)
-78.7 (-2000)	*2623 (1190)		*3902 (1770)		2204 (1000)		2932 (1330)		2072 (940)		2623 (1190)	

(h) LIFT POINT HEIGHT - in. (mm)	RATED LIFT CAPACITY OVER END BLADE DOWN - lbs. (kg)				RATED LIFT CAPACITY OVER END BLADE UP - lbs. (kg)				RATED LIFT CAPACITY OVER SIDE BLADE UP - lbs. (kg)			
	MAX	196.9 (5000)	157.1 (4000)	118.1 (3000)	MAX	196.9 (5000)	157.1 (4000)	118.1 (3000)	MAX	196.9 (5000)	157.1 (4000)	118.1 (3000)
196.9 (5000)	*3638 (1650)		*3572 (1620)		*3550 (1610)		*3461 (1570)		2734 (1240)		*3550 (1610)	
157.5 (4000)	*3417 (1550)	*3417 (1550)	*3572 (1620)		2403 (1090)	2734 (1240)	*3417 (1550)		2271 (1030)	2491 (1130)	*3528 (1600)	
118.1 (3000)	*3483 (1580)	*3616 (1640)	*4233 (1920)	*5468 (2480)	2028 (920)	2668 (1210)	*4123 (1870)	*5336 (2420)	1896 (860)	2447 (1110)	*4145 (1880)	*5534 (2510)
78.7 (2000)	*3351 (1520)	*3946 (1790)	*5027 (2280)	*6879 (3120)	1830 (830)	2513 (1140)	3594 (1630)	*6174 (2800)	1697 (770)	2315 (1050)	3395 (1540)	4806 (2180)
39.4 (1000)	*3395 (1540)	*4255 (1930)	*5710 (2590)	*7651 (3470)	1764 (800)	2381 (1080)	3439 (1560)	4564 (2070)	1675 (760)	2249 (1020)	3175 (1440)	4255 (1930)
GROUND (0)	*3373 (1530)	*4321 (1960)	*5865 (2660)	*8070 (3660)	1830 (830)	2337 (1060)	3307 (1500)	4873 (2210)	1719 (780)	2160 (980)	3153 (1430)	4542 (2060)
-39.4 (-1000)	*3329 (1510)	*4057 (1840)	*5468 (2480)	*7585 (3440)	2028 (920)	2315 (1050)	3285 (1490)	5137 (2330)	1918 (870)	2160 (980)	3087 (1400)	4674 (2120)
-78.7 (-2000)	*2976 (1350)		*4498 (2040)	*6218 (2820)	2491 (1130)		3373 (1530)	5292 (2400)	2425 (1100)		3197 (1450)	4961 (2250)