

# New Holland Super Boom™ Skid Steer Specifications



L150 L160 L170 L175 L180 L185 L190

MODEL	L150	L160	L170	L175	L180	L185	L190
<b>ENGINE</b>							
Make and model, New Holland	N843H	N844	N844T	NH844LT	334/M2	334T/M2	445/M2
Type of fuel.....				Diesel.....			
Gross power @ RPM, hp (kW)	38 (28) @ 3200	46 (34) @ 2900	52 (39) @ 2900	60 (45) @ 2900	63 (47) @ 2300	78 (58) @ 2300	80 (60) @ 2300
Net power @ RPM, hp (kW)	36 (27) @ 3200	44 (33) @ 2900	50 (37) @ 2900	56 (42) @ 2900	59 (44) @ 2300	72 (54) @ 2300	74 (55) @ 2300
Peak torque, lb.-ft. (N-m) @ RPM	73 (99) @ 1700	101 (137) @ 1700	113 (153) @ 1700	128 (174) @ 1700	179 (243) @ 1400	228 (309) @ 1400	236 (320) @ 1400
Number of cylinders	3	4	4	4	3	3	4
Displacement, cu. in. (l)	91 (1.5)	121.7 (2.0)	121.7 (2.0)	135.3 (2.2)	204 (3.4)	204 (3.4)	274 (4.5)
<b>DRIVE TRAIN</b>							
Max travel speed, fwd, mph (kph)	7.3 (11.8)	7.3 (11.8)	7.3 (11.8)	5.9 (9.5)	6.9 (11.1)	6.9 (11.1)	7 (11.3)
-with 2 speed transmission, mph (kph)	NA	NA	NA	10 (16.1)	11.3 (18.2)	11.3 (18.2)	11.4 (18.3)
Drive chain size	50/80 HD	80 HD	80 HD	80 HD	100 HD	100 HD	100 HD
Tire size	10.00x16.5	10.00x16.5	10.00x16.5	12.00x16.5	12.00x16.5	12.00x16.5	14.00x17.5
<b>HYDRAULICS</b>							
Total flow, gpm (l/min)	11.6 (43.9)	15.1 (57.2)	17.2 (65.1)	17.2 (65.1)	19.3 (73.1)	19.3 (73.1)	21.9 (82.9)
Main relief pressure, psi (kPa)	2500 (172)	2500 (172)	2500 (172)	2550 (176)	3050 (210)	3050 (210)	3050 (210)
Optional high flow, gpm (l/min)	NA	NA	30.3 (114.7)	30.3 (114.7)	34.7 (131.3)	34.7 (131.3)	37.3 (141.2)
<b>PERFORMANCE / LOADER ARMS</b>							
Linkage geometry.....				Vertical lift.....			
Rated operating load, lbs. (kg)	1,350 (612)	1,600 (726)	1,765 (801)	2,000 (907)	2,200 (998)	2,500 (1134)	2,800 (1270)
Bucket breakout force., lbf (kN)	3,500 (1591)	3,712 (1687)	3,712 (1687)	4,312 (1956)	6,034 (2737)	7,670 (3479)	7,670 (3479)
Boom break out force, lbs. (kg)	2,400 (1089)	2,828 (1285)	2,828 (1285)	3,003 (1362)	4,194 (1902)	4,836 (2194)	6,229 (2825)
Max. dump angle at full height, degrees	45	45	45	43	45	45	45.3
Dump clearance at full height discharge, in. (mm)	87.9 (2230)	92.1 (2340)	92.1 (2340)	95.4 (2420)	100 (2540)	100 (2540)	102 (2590)
Dump reach at full height discharge, in. (mm)	25 (640)	29 (740)	29 (740)	29 (740)	32.5 (830)	32.5 (830)	32.3 (820)
Max. hinge pin height, in. (mm)	114.3 (2900)	115.5 (2930)	115.5 (2930)	119.7 (3040)	124.6 (3160)	124.6 (3160)	125.6 (3190)
Bucket rollback at carry position, degrees	36	37	37	37	37	37	37
<b>DIMENSIONS</b>							
Length with bucket down, in. (mm)	120 (3050)	125 (3180)	125 (3180)	129.5 (3290)	139 (3530)	139 (3530)	145.7 (3700)
Width with bucket, in. (mm)	60 (1520)	60 (1520)	66 (1680)	72 (1830)	72 (1830)	72 (1830)	78 (1980)
Width over tires, in. (mm)	60 (1520)	65.6 (1670)	65.6 (1670)	70.8 (1800)	71.25 (1810)	71.25 (1810)	76.4 (1940)
Height to top of ROPS, in. (mm)	73.4 (1860)	74.8 (1900)	74.8 (1900)	76 (1930)	77 (1960)	77 (1960)	79.6 (2020)
Wheelbase, in. (mm)	37.5 (950)	42.5 (1080)	42.5 (1080)	42.5 (1080)	48 (1220)	48 (1220)	51.5 (1310)
Ground clearance, in. (mm)	8.25 (210)	7.4 (190)	7.4 (190)	8.4 (210)	8 (200)	8 (200)	10.1 (260)
<b>OTHER FEATURES</b>							
Standard ROPS	Tilt forward	Tilt forward	Tilt forward	Tilt back	Tilt forward	Tilt forward	Tilt forward
Self leveling bucket.....				Std. ....			
<b>OPERATING WEIGHT</b> , lbs. (kg)	4,500 (2042)	5,534 (2510)	5,540 (2513)	6,230 (2826)	7,095 (3218)	7,100 (3220)	7,755 (3518)
<b>SERVICE CAPACITIES</b>							
Fuel tank, gal. (l)	8.75 (33)	14.4 (55)	14.4 (55)	14.4 (55)	18 (68)	18 (68)	21.5 (81)
Cooling system, gal. (l)	2.45 (9.3)	2.7 (10.2)	2.7 (10.2)	4.5 (17)	4.5 (17)	4.5 (17)	4.5 (17)
Hydraulic system total, gal. (l)	5 (18.9)	8.6 (32.6)	8.6 (32.6)	8.6 (32.6)	15 (57)	15 (56.8)	15 (56.8)

L150 - Equipped with 60" 11.5 cu. ft. dirt and foundry bucket and 10.00 x 16.5 tires  
 L160 - Equipped with 60" 11.5 cu. ft. low profile bucket and 10.00 x 16.5 tires  
 L170 - Equipped with 66" 15.2 cu. ft. dirt and foundry bucket and 10.00 x 16.5 tires  
 L175 - Equipped with 72" 17.1 cu. ft. low profile bucket and 12.00 x 16.5 tires

L180 - Equipped with 72" 17.1 cu. ft. low profile bucket and 12.00 x 16.5 tires  
 L185 - Equipped with 72" 16.7 cu. ft. dirt and foundry bucket and 12.00 x 16.5 tires  
 L190 - Equipped with 78" 25.8 cu. ft. dirt and foundry bucket and 14.00 x 17.5 tires

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Design, materials and/or specifications are subject to change without notice and without liability therefor. Specifications are applicable to units sold in Canada, the United States, its territories and possessions, and may vary outside these areas.



Safety begins with a thorough understanding of the equipment. Always make sure you and your operators read the Operator's Manual before using the equipment. Pay close attention to all safety and operating decals and never operate machinery without all shields, protective devices and structures in place.