

5. LIFTING CAPACITIES

1) MONO BOOM

(1) 5.65m(18' 6") boom, 2.00m(6' 7") arm equipped with 0.87m³(SAE heaped) bucket, 500mm(20") triple grouser shoe and 4700kg(10360lb) counterweight.

-  : Rating over-front
-  : Rating over-side or 360 degree

Load point height		Load radius								At max. reach		
		3.0m(10ft)		4.5m(15ft)		6.0m(20ft)		7.5m(25ft)		Capacity		Reach
												m(ft)
7.5m (25ft)	kg lb									*3740 *8250	3590 7910	6.65 (21.8)
6.0m (20ft)	kg lb					*4130 *9110	*4130 *9110			*3800 *8380	2640 5820	7.78 (25.5)
4.5m (15ft)	kg lb			*5340 *11770	*5340 *11770	*4530 *9990	4010 8840			*3910 *8620	2200 4850	8.44 (27.7)
3.0m (10ft)	kg lb			*6950 *15320	5820 12830	*5230 *11530	3770 8310	*4500 *9920	2590 5710	*4060 *8950	1990 4390	8.74 (28.7)
1.5m (5ft)	kg lb			*8390 *18500	5330 11750	*5960 *13140	3530 7780	*4830 *10650	2480 5470	4130 9110	1950 4300	8.74 (28.7)
Ground Line	kg lb			*9050 *19950	5120 11290	*6450 *14220	3370 7430	*5060 *11160	2410 5310	4350 9590	2050 4520	8.43 (27.7)
-1.5m (-5ft)	kg lb	*13120 *28920	9870 21760	*9010 *19860	5090 11220	*6540 *14420	3320 7320			*4580 *10100	2360 5200	7.76 (25.5)
-3.0m (-10ft)	kg lb	*11750 *25900	10070 22200	*8270 *18230	5200 11460	*5960 *13140	3410 7520			*4550 *10030	3140 6920	6.62 (21.7)

- Note
1. Lifting capacity are based on SAE J1097 and ISO 10567.
 2. Lifting capacity of the ROBEX series does not exceed 75% of tipping load with the machine on firm, level ground or 87% of full hydraulic capacity.
 3. The load point is a hook located on the back of the bucket.
 4. *indicates load limited by hydraulic capacity.

(2) 5.65m(18' 6") boom, 2.40m(7' 10") arm equipped with 0.87m³(SAE heaped) bucket, 500mm(20") triple grouser shoe and 4700kg(10360lb) counterweight.

Load point height		Load radius										At max. reach		
		1.5m(5ft)		3.0m(10ft)		4.5m(15ft)		6.0m(20ft)		7.5m(25ft)		Capacity		Reach
														m(ft)
7.5m (25ft)	kg lb											*3450 *7610	3160 6970	7.16 (23.5)
6.0m (20ft)	kg lb							*3730 *8220	*3730 *8220			*3520 *7760	2390 5270	8.21 (26.9)
4.5m (15ft)	kg lb					*4800 *10580	*4800 *10580	*4170 *9190	4060 8950	*3930 *8660	2700 5950	*3640 *8020	2010 4430	8.83 (29.0)
3.0m (10ft)	kg lb					*6410 *14130	5910 13030	*4910 *10820	3790 8360	*4240 *9350	2590 5710	*3780 *8330	1830 4030	9.12 (29.9)
1.5m (5ft)	kg lb					*7960 *17550	5370 11840	*5690 *12540	3520 7760	*4630 *10210	2470 5450	3830 8440	1780 3920	9.11 (29.9)
Ground Line	kg lb			*8350 *18410	*8350 *18410	*8840 *19490	5080 11200	*6280 *13850	3340 7360	*4930 *10870	2370 5220	4010 8840	1860 4100	8.82 (28.9)
-1.5m (-5ft)	kg lb	*9270 *20440	*9270 *20440	*12800 *28220	9660 21300	*9010 *19860	5010 11050	*6490 *14310	3260 7190			*4320 *9520	2120 4670	8.19 (26.9)
-3.0m (-10ft)	kg lb	*13370 *29480	*13370 *29480	*12400 *27340	9850 21720	*8500 *18740	5080 11200	*6160 *13580	3300 7280			*4390 *9680	2730 6020	7.13 (23.4)
-4.5m (-15ft)	kg lb			*9980 *22000	*9980 *22000	*6940 *15300	5320 11730							

(3) 5.65m(18' 6") boom, 2.90m(9' 6") arm equipped with 0.87m³(SAE heaped) bucket, 500mm(20") triple grouser shoe and 4700kg(10360lb) counterweight.

Load point height		Load radius										At max. reach		
		1.5m(5ft)		3.0m(10ft)		4.5m(15ft)		6.0m(20ft)		7.5m(25ft)		Capacity		Reach
														m(ft)
7.5m (25ft)	kg lb											*3130 *6900	2790 6150	7.75 (25.4)
6.0m (20ft)	kg lb									*2000 *4410	*2000 *4410	*3220 *7100	2170 4780	8.71 (28.6)
4.5m (15ft)	kg lb							*3750 *8270	*3750 *8270	*3580 *7890	2770 6110	*3350 *7390	1840 4060	9.29 (30.5)
3.0m (10ft)	kg lb			*9130 *20130	*9130 *20130	*5750 *12680	*5750 *12680	*4520 *9960	3870 8530	*3950 *8710	2640 5820	*3500 *7720	1680 3700	9.56 (31.4)
1.5m (5ft)	kg lb			*8720 *19220	*8720 *19220	*7430 *16380	5500 12130	*5380 *11860	3580 7890	*4400 *9700	2490 5490	3550 7830	1630 3590	9.56 (31.4)
Ground Line	kg lb			*9350 *20610	*9350 *20610	*8570 *18890	5130 11310	*6070 *13380	3360 7410	*4790 *10560	2370 5220	3690 8140	1690 3730	9.28 (30.4)
-1.5m (-5ft)	kg lb	*8590 *18940	*8590 *18940	*12200 *26900	9550 21050	*8990 *19820	4990 11000	*6430 *14180	3240 7140	*4970 *10960	2310 5090	*4080 *8990	1890 4170	8.69 (28.5)
-3.0m (-10ft)	kg lb	*11720 *25840	*11720 *25840	*13130 *28950	9690 21360	*8740 *1927	5000 11020	*6320 *13930	3240 7140			*4250 *9370	2350 5180	7.72 (25.3)
-4.5m (-15ft)	kg lb			*11170 *24630	10000 22050	*7640 *16840	5170 11400					*4170 *9190	3550 7830	6.12 (20.1)

2) HYDRAULIC ADJUSTABLE BOOM

(1) 5.56m(18' 3") boom, 2.0m(6' 7") arm equipped with 0.87m³(SAE heaped) bucket, 500mm(20") triple grouser shoe and 4700kg(10360lb) counterweight.

-  : Rating over-front
-  : Rating over-side or 360 degree

Load point height		Load radius								At max. reach		
		3.0m(10.0ft)		4.5m(15.0ft)		6.0m(20.0ft)		7.5m(25.0ft)		Capacity		Reach
												m(ft)
10.5m (35.0ft)	kg lb									*5510 *12150	*5510 *12150	4.92 (16.1)
9.0m (30.0ft)	kg lb									*6360 *14020	*6360 *14020	4.30 (14.1)
7.5m (25.0ft)	kg lb			*6390 *14090	*6390 *14090					*5090 *11220	4010 8840	6.48 (21.3)
6.0m (20.0ft)	kg lb			*6490 *14310	*6490 *14310	*5590 *12320	4430 9770			*4700 *10360	2920 6440	7.64 (25.1)
4.5m (15.0ft)	kg lb	*10550 *23260	*10550 *23260	*7310 *16120	6830 15060	*5840 *12870	4280 9440			*4500 *9920	2430 5360	8.31 (27.3)
3.0m (10.0ft)	kg lb			*8440 *18610	6230 13730	*6270 *13820	4030 8880	*5080 *11200	2780 6130	*4360 *9610	2210 4870	8.62 (28.3)
1.5m (5.0ft)	kg lb			*9140 *20150	5730 12630	*6580 14510	3790 8360	*5100 *11240	2680 5910	*4200 *9260	2160 4760	8.62 (28.3)
Ground Line	kg lb			*8910 *19460	5500 12130	*6510 *14350	3630 8000			*3950 *8710	2280 5030	8.30 (27.2)
-1.5m (-5.0ft)	kg lb	*9780 *21560	*9780 *21560	*7860 *17330	5470 12060	*5820 *12830	3590 7910			*3430 *7560	2630 5800	7.62 (25.0)
-3.0m (-10.0ft)	kg lb			*5860 *12920	5590 12320							

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 3. The load point is a hook located on the back of the bucket.
 4. *indicates load limited by hydraulic capacity.

(2) 5.56m(18' 3") boom, 2.40m(7' 10") arm equipped with 0.87m³(SAE heaped) bucket, 500mm(20") triple grouser shoe and 4700kg(10360lb) counterweight.

Load point height		Load radius								At max. reach		
		3.0m(10.0ft)		4.5m(15.0ft)		6.0m(20.0ft)		7.5m(25.0ft)		Capacity		Reach
												m(ft)
9.0m (30.0ft)	kg lb									*5490 *12100	*5490 *12100	5.13 (16.8)
7.5m (25.0ft)	kg lb			*5270 *11620	*5270 *11620					*4670 *10300	3520 7760	7.00 (23.0)
6.0m (20.0ft)	kg lb			*6040 *13320	*6040 *13320	*5220 *11510	4500 9920			*4360 *9610	2650 5840	8.07 (26.5)
4.5m (15.0ft)	kg lb	*9540 *21030	*9540 *21030	*6870 *15150	*6870 *15150	*5560 *12260	4330 9550	*3280 *7230	2890 6370	*4200 *9260	2230 4920	8.70 (28.5)
3.0m (10.0ft)	kg lb	*13100 *28880	11610 25600	*8050 *17750	6330 13960	*6050 *13340	4060 8950	*4940 *10890	2790 6150	*4080 *8990	2030 4480	9.00 (29.5)
1.5m (5.0ft)	kg lb			*8940 *19710	5770 12720	*6450 *14220	3790 8360	*5040 *11110	2660 5860	*3960 *8730	1980 4370	8.99 (29.5)
Ground Line	kg lb	*9240 *20370	*9240 *20370	*8990 *19820	5460 12040	*6510 *14350	3600 7940	*4920 *10850	2560 5640	*3760 *8290	2070 4560	8.69 (28.5)
-1.5m (-5.0ft)	kg lb	*10990 *24230	10330 22770	*8190 *18060	5380 11860	*6020 *13270	3520 7760			*3330 *7430	2370 5220	8.05 (26.4)
-3.0m (-10.0ft)	kg lb	*8250 *18190	*8250 *18190	*6480 *14290	5470 12060	*4670 *10300	3580 7890					