

5. LIFTING CAPACITIES

1) ROBEX 210LC-7

(1) 5.68m(18' 8") boom, 2.00m(6' 7") arm equipped with 0.92m³(SAE heaped) bucket, 600mm (24")

•  : 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									*3750 *8270	*3750 *8270	6.64 (21.8)
6.0m (20ft)	kg lb					*4150 *9150	*4150 *9150			*3800 *8380	3060 6750	7.78 (25.5)
4.5m (15ft)	kg lb			*5360 *11820	*5360 *11820	*4540 *10010	*4540 *10010			*3910 *8620	2560 5640	8.43 (27.7)
3.0m (10ft)	kg lb			*6970 *15370	6830 15060	*5240 *11550	4380 9660	*4500 *9920	3020 6660	*4050 *8930	2340 5160	8.74 (28.7)
1.5m (5ft)	kg lb			*8380 *18470	6310 13910	*5950 *13120	4120 9080	*4820 *10630	2900 6390	4000 8820	2280 5030	8.73 (28.6)
Ground Line	kg lb			*9020 *19890	6080 13400	*6430 *14180	3960 8730	4980 10980	2830 6240	4210 9280	2400 5290	8.42 (27.6)
-1.5m (-5ft)	kg lb	*13020 *28700	12190 26870	*8960 *19750	6050 13340	*6510 *14350	3910 8620			*4550 *10030	2770 6110	7.76 (25.5)
-3.0m (-10ft)	kg lb	*11620 *25620	*11620 *25620	*8210 *18100	6160 13580	*5910 *13030	3990 8800			*4510 *9940	3660 8070	6.61 (21.7)
-4.5m (-15ft)	kg lb	*8770 *19330	*8770 *19330									

- 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) 5.68m(18' 8") boom, 2.40m(7' 10") arm equipped with 0.92m³(SAE heaped) bucket, 600mm (24") triple grouser shoe and 3800kg 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	*3450 *7610	7.15 (23.5)
6.0m (20ft)	kg lb							*3750 *8270	*3750 *8270			*3520 *7760	2780 6130	8.20 (26.9)
4.5m (15ft)	kg lb							*4190 *9240	*4190 *9240	*3940 *8690	3140 6920	*3630 *8000	2350 5180	8.82 (28.9)
3.0m (10ft)	kg lb					*6420 *14150	*6420 *14150	*4920 *10850	4400 9700	*4240 *9350	3020 6660	3770 8310	2150 4740	9.11 (29.9)
1.5m (5ft)	kg lb					*7960 *17550	6360 14020	*5690 *12540	4130 9110	*4620 *10190	2890 6370	3720 8200	2100 4630	9.10 (29.9)
Ground Line	kg lb			*8300 *18300	*8300 *18300	*8820 *19440	6050 13340	*6260 *13800	3930 8660	*4920 *10850	2790 6150	3890 8580	2200 4850	8.81 (28.9)
-1.5m (-5ft)	kg lb	*9220 *20330	*9220 *20330	*12750 *28110	11960 26370	*8970 *19780	5970 13160	*6460 *14240	3850 8490			*4300 *9480	2490 5490	8.18 (26.8)
-3.0m (-10ft)	kg lb	*13340 *29410	*13340 *29410	*12280 *27070	12180 26850	*8430 *18580	6040 13320	*6110 *13470	3890 8580			*4360 *9610	3190 7030	7.12 (23.4)
-4.5m (-15ft)	kg lb			*9840 *21690	*9840 *21690	*6850 *15100	6300 13890							

(3) 5.68m(18' 8") boom, 2.92m(9' 7") arm equipped with 0.92m³(SAE heaped) bucket, 600mm (24") triple grouser shoe and 3800kg 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											*3120 *6880	*3120 *6880	7.72 (25.3)
6.0m (20ft)	kg lb											*3210 *7080	2530 5580	8.69 (28.5)
4.5m (15ft)	kg lb							*3770 *8310	*3770 *8310	*3590 *7910	3210 7080	*3340 *7360	2170 4780	9.27 (30.4)
3.0m (10ft)	kg lb			*9160 *20190	*9160 *20190	*5760 *12700	*5760 *12700	*4530 *9990	4490 9900	*3950 *8710	3070 6770	*3490 *7690	1980 4370	9.55 (31.3)
1.5m (5ft)	kg lb			*8660 *19090	*8660 *19090	*7430 *16380	6500 14330	*5380 *11860	4180 9220	*4390 *9680	2910 6420	3440 7580	1930 4250	9.54 (31.3)
Ground Line	kg lb			*9310 *20530	*9310 *20530	*8550 *18850	6100 13450	*6060 *13360	3950 8710	*4770 *10520	2780 6130	3580 7890	2000 4410	9.26 (30.4)
-1.5m (-5ft)	kg lb	*8550 *18850	*8550 *18850	*12160 *26810	11830 26080	*8950 *19730	5940 13100	*6400 *14110	3820 8420	4870 10740	2720 6000	3970 8750	2230 4920	8.67 (28.4)
-3.0m (-10ft)	kg lb	*11700 *25790	*11700 *25790	*13020 *28700	11990 26430	*8680 *19140	5960 13140	*6280 *13850	3820 8420			*4230 *9330	2770 6110	7.69 (25.2)
-4.5m (-15ft)	kg lb			*11040 24340	*11040 *24340	*7560 *16670	6130 13510					*4140 *9130	*4140 *9130	6.09 (20.0)

(4) 5.68m(18' 8") boom, 3.90m(12' 10") arm equipped with 0.92m³(SAE heaped) bucket, 600mm(24") triple grouser shoe and 3800kg counterweight.

Load point height		Load radius												At max. reach		
		1.5m(5ft)		3.0m(10ft)		4.5m(15ft)		6.0m(20ft)		7.5m(25ft)		9.0m(30ft)		Capacity		Reach
																m(ft)
9.0m (30ft)	kg lb													*2590 *5710	*2590 *5710	7.66 (25.1)
7.5m (25ft)	kg lb									*1870 *4120	*1870 *4120			*2640 *5820	2470 5450	8.94 (29.3)
6.0m (20ft)	kg lb									*2670 *5890	*2670 *5890			*2720 *6000	2010 4430	9.77 (32.1)
4.5m (15ft)	kg lb									*2910 *6420	*2910 *6420	*1930 *4250	*1930 *4250	*2830 *6240	1750 3860	10.28 (33.7)
3.0m (10ft)	kg lb							*3710 *8180	*3710 *8180	*3340 *7360	3130 6900	*2750 *6060	2190 4830	2940 6480	1610 3550	10.52 (34.5)
1.5m (5ft)	kg lb			*10430 *22990	*10430 *22990	*6230 *13730	*6230 *13730	*4640 *10230	4270 9410	*3860 *8510	2930 6460	*3260 *7190	2090 4610	2890 6370	1570 3460	10.52 (34.5)
Ground Line	kg lb	*4950 *10910	*4950 *10910	*9990 *22020	*9990 *22020	*7720 *17020	6170 13600	*5490 *12100	3960 8730	*4360 *9610	2760 6080	3340 *7360	2000 4410	2970 6550	1610 3550	10.27 (33.7)
-1.5m (-5ft)	kg lb	*7060 *15560	*7060 *15560	*10980 *24210	*10980 *24210	*8560 *18870	5860 12920	*6070 *13380	3750 8270	*4710 *10380	2640 5820	*2240 *4940	1950 4300	3220 7100	1760 3880	9.75 (32.0)
-3.0m (-10ft)	kg lb	*9410 *20750	*9410 *20750	*13520 *29810	11550 25460	*8760 *19310	5760 12700	*6270 *13820	3670 8090	4750 10470	2600 5730			*3650 *8050	2080 4590	8.91 (29.2)
-4.5m (-15ft)	kg lb	*12210 *26920	*12210 *26920	*12480 *27510	11790 25990	*8250 *18190	5830 12850	*5920 *13050	3720 8200					*3770 *8310	2770 6110	7.62 (25.0)
-6.0m (-20ft)	kg lb			*9890 *21800	*9890 *21800	*6620 *14590	6110 13470									

2) R210LC-7 LONG REACH

(1) 8.2m(26' 11") boom, 6.3m(20' 8") arm equipped with 0.52m³(0.68yd³)(SAE heaped) bucket, 800mm (32") triple grouser shoe and 5300kg counterweight.

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

Load point height		Load radius								At max. reach		
		3.0m(10ft)		6.0m(20ft)		9.0m(30ft)		12.0m(40ft)		Capacity		Reach
												m(ft)
9.0m (30ft)	kg lb							*830 *1830	*830 *1830	*1330 *2930	*1330 *2930	13.11 (43.0)
6.0m (20ft)	kg lb							*1430 *3150	*1430 *3150	*1410 *3110	1160 2560	14.37 (47.1)
3.0m (10ft)	kg lb					*1990 *4390	*1990 *4390	*1670 *3680	1630 3590	*1520 *3350	980 2160	14.89 (48.9)
Ground Line	kg lb	*4560 *10050	*4560 *10050	*4330 *9550	*4330 *9550	*2650 *5840	2430 5360	*1980 *4370	1440 3170	*1670 *3680	930 2050	14.75 (48.4)
-3.0m (-10ft)	kg lb	*5710 *12590	*5710 *12590	*5250 *11570	3920 8640	*3150 *6940	2140 4720	*2220 *4890	1310 2890	*1860 *4100	1020 2250	13.92 (45.7)
-6.0m (-20ft)	kg lb	*7790 *17170	*7790 *17170	*5370 *11840	3840 8470	*3280 *7230	2060 4540			*2090 *4610	1330 2930	12.25 (40.2)
-9.0m (-30ft)	kg lb	*8780 *19360	*8780 *19360	*4510 *9940	4110 9060	*2620 *5780	2260 4980					

- 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.

3) R210LC-7 HIGH WALKER

(1) 5.68m(18' 8") boom, 2.92m(9' 7") arm equipped with 0.92m³(SAE heaped) bucket, 600mm (24") triple grouser shoe and 3800kg counterweight.

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

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	*3130 *6900	7.87 (25.8)
6.0m (20ft)	kg lb									*2390 *5270	*2390 *5270	*3230 *7120	3200 7050	8.79 (28.8)
4.5m (15ft)	kg lb							*3850 *8490	*3850 *8490	*3620 *7980	*3620 *7980	*3360 *7410	2810 6190	9.32 (30.6)
3.0m (10ft)	kg lb			*9770 *21540	*9770 *21540	*5990 *13210	*5990 *13210	*4640 *10230	*4640 *10230	*4010 *8840	3950 8710	*3510 *7740	2620 5780	9.56 (31.4)
1.5m (5ft)	kg lb			*8460 *18650	*8460 *18650	*7610 *16780	*7610 *16780	*5470 *12060	5400 11900	*4450 *9810	3790 8360	*3690 *8140	2580 5690	9.52 (31.2)
Ground Line	kg lb			*9600 *21160	*9600 *21160	*8640 *19050	8080 17810	*6120 *13490	5170 11400	*4810 *10600	3670 8090	3880 8550	2700 5950	9.21 (30.2)
-1.5m (-5ft)	kg lb	*8930 *19690	*8930 *19690	*12600 *27780	*12600 *27780	*8950 *19730	7940 17500	*6420 *14150	5060 11160	*4940 *10890	3610 7960	*4090 *9020	3030 6680	8.57 (28.1)
-3.0m (-10ft)	kg lb	*12130 *26740	*12130 *26740	*12840 *28310	*12840 *28310	*8600 *18960	7980 17590	*6220 *13710	5070 11180			*4240 *9350	3770 8310	7.53 (24.7)
-4.5m (-15ft)	kg lb			*10670 *23520	*10670 *23520	*7320 *16140	*7320 *16140							

- 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) 5.68m(18' 8") boom, 2.0m(6' 7") arm equipped with 0.92m³(SAE heaped) bucket, 600mm (24") triple grouser shoe and 3800kg counterweight.

Load point height		Load radius								At max. reach		
		3.0m(10ft)		4.5m(15ft)		6.0m(20ft)		7.5m(25.0ft)		Capacity		Reach
												m(ft)
7.5m (25ft)	kg lb									*3750 *8270	*3750 *8270	6.82 (22.4)
6.0m (20ft)	kg lb					*4170 *9190	*4170 *9190			*3810 *8400	*3810 *8400	7.88 (25.9)
4.5m (15ft)	kg lb	*8080 *17810	*8080 *17810	*5550 *12240	*5550 *12240	*4620 *10190	*4620 *10190			*3920 *8640	3280 7230	8.49 (27.9)
-3.0m (-10ft)	kg lb			*7170 *15810	*7170 *15810	*5330 *11750	*5330 *11750	*4540 *10010	3900 8600	*4070 *8970	3050 6720	8.75 (28.7)
-1.5m (-5ft)	kg lb			*8510 *18760	8290 18280	*6030 *13290	5350 11790	*4860 *10710	3790 8360	*4250 *9370	3020 6660	8.71 (28.6)
Ground Line	kg lb			*9050 *19950	8080 17810	*6470 *14260	5190 11440	*5050 *11130	3720 8200	*4430 *9770	3210 7080	8.36 (27.4)
-1.5m (-5ft)	kg lb	*12900 *28440	*12900 *28440	*8910 *19640	8070 17790	*6480 *14290	5150 11350			*4560 *10050	3710 8180	7.64 (25.1)
-3.0m (-10ft)	kg lb	*11370 *25070	*11370 *25070	*8040 *17730	*8040 *17730					*4470 *9850	*4470 *9850	6.41 (21.0)

(3) 5.68m(18' 8") boom, 2.4m(7' 10") arm equipped with 0.92m³(SAE heaped) bucket, 600mm (24") triple grouser shoe and 3800kg 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	kg	*3460	7.31											
*3460	*3460													
(25ft)	lb													
6.0m	kg							*3780	*3780					
(20ft)	lb							*8330	*8330					
4.5m	kg					*5010	*5010	*4270	*4270	*3960	*3960	*3650	3040	8.87
(15ft)	lb					*11050	*11050	*9410	*9410	*8730	*8730	*8050	6700	(29.1)
3.0m	kg					*6640	*6640	*5020	*5020	*4290	3910	*3800	2830	9.12
(10ft)	lb					*14640	*14640	*11070	*11070	*9460	8620	*8380	6240	(29.9)
1.5m	kg					*8110	*8110	*5780	5350	*4670	3770	*3970	2790	9.08
Ground Line	kg			*8830	*8830	*8870	8040	*6310	5160	*4940	3670	*4150	2950	8.75
	lb			*19470	*19470	*19550	17730	*13910	11380	*10890	8090	*9150	6500	(28.7)
-1.5m	kg			*9710	*9710	*13370	*13370	*8940	7970	*6460	5090			
	lb			*21410	*21410	*29480	*29480	*19710	17570	*14240	11220	*4320	3360	8.07
-3.0m	kg			*13920	*13920	*12060	*12060	*8310	8070	*6000	5150			
(-10ft)	lb			*30690	*30690	*26590	*26590	*18320	17790	*13230	11350	*4350	4350	6.94
												*9590	9590	(22.8)

(4) 5.68m(18' 8") boom, 3.9m(12' 9") arm equipped with 0.92m³(SAE heaped) bucket, 600mm (24") triple grouser shoe and 3800kg counterweight.

Load point height		Load radius												At max. reach		
		1.5m(5ft)		3.0m(10ft)		4.5m(15ft)		6.0m(20ft)		7.5m(25ft)		9.0m(30ft)		Capacity		Reach
																m(ft)
9.0m (30ft)	kg lb													*2590 *5710	*2590 *5710	7.85 (25.8)
7.5m (25ft)	kg lb									*2100 *4630	*2100 *4630			*2650 *5840	*2650 *5840	9.06 (29.7)
6.0m (20ft)	kg lb									*2690 *5930	*2690 *5930			*2730 *6020	2600 5730	9.85 (32.3)
4.5m (15ft)	kg lb									*2960 *6530	*2960 *6530	*2060 *4540	*2060 *4540	*2850 *6280	2320 5110	10.32 (33.9)
3.0m (10ft)	kg lb							*3820 *8420	*3820 *8420	*3410 *7520	*3410 *7520	*2830 *6240	*2830 *6240	2980 6570	2170 4780	10.54 (34.6)
1.5m (5ft)	kg lb			*10900 *24030	*10900 *24030	*6450 *14220	*6450 *14220	*4760 *10490	*4760 *10490	*3930 *8660	3820 8420	*3300 *7280	2780 6130	3120 6880	2140 4720	10.50 (34.4)
Ground Line	kg lb	*5210 *11490	*5210 *11490	*9980 *22000	*9980 *22000	*7870 *17350	*7870 *17350	*5580 *12300	5180 11420	*4410 *9720	3640 8020	*3280 *7230	2690 5930	3230 7120	2210 4870	10.22 (33.5)
-1.5m (-5ft)	kg lb	*7340 *16180	*7340 *16180	*11230 *24760	*11230 *24760	*8620 *19000	7840 17280	*6120 *13490	4980 10980	*4740 *10450	3520 7760			*3490 *7690	2420 5340	9.67 (31.7)
-3.0m (-10ft)	kg lb	*9730 *21450	*9730 *21450	*13580 *29940	*13580 *29940	*8730 *19250	7760 17110	*6260 *13800	4910 10820	*4760 *10490	3490 7690			*3670 *8090	2860 6310	8.78 (28.8)
-4.5m (-15ft)	kg lb	*12610 *27800	*12610 *27800	*12250 *27010	*12250 *27010	*8120 *17900	7860 17330	*5820 *12830	4980 10980					*3770 *8310	*3770 *8310	7.41 (24.3)
-6.0m (-20ft)	kg lb			*9410 *20750	*9410 *20750	*6270 *13820	*6270 *13820									