

5. LIFTING CAPACITIES

1) 6.55m(21' 6") boom, 2.40m(7'10") arm equipped with 2.15m³(SAE heaped) bucket, 600mm (24") triple grouser shoe and 10,200kg(22,490lb) 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)
7.5m (25.0ft)	kg lb									*10150 *22380	8880 19580	8.27 (27.1)
6.0m (20.0ft)	kg lb					*13080 *28840	*13080 *28840	*11470 *25290	10290 22690	*9990 *22020	7350 16200	9.07 (29.8)
4.5m (15.0ft)	kg lb			*19660 *43340	*19660 *43340	*14710 *32430	14420 31790	*12180 *26850	9980 22000	*9970 *21980	6550 14440	9.53 (31.3)
3.0m (10.0ft)	kg lb					*16400 *36160	13610 30000	*13000 *28660	9580 21120	9970 21980	6190 13650	9.71 (31.9)
1.5m (5.0ft)	kg lb					*17480 *38540	12980 28620	*13580 *29940	9240 20370	9990 22020	6160 13580	9.62 (31.6)
Ground Line	kg lb			*23610 *52050	19860 43780	*17570 *38740	12640 27870	*13590 *29960	9010 19860	*10030 *22110	6510 14350	9.26 (30.4)
-1.5m (-5.0ft)	kg lb	*26350 *58090	*26350 *58090	*21600 *47620	19940 43960	*16560 *36510	12560 27690	*12700 *28000	8960 19750	*9750 *21500	7370 16250	8.59 (28.2)
-3.0m (-10.0ft)	kg lb	*22190 *48920	*22190 *48920	*18210 *40150	*18210 *40150	*14120 *31130	12730 28060			*8780 *19360	*8780 *19360	7.49 (24.6)
-4.5m (-15.0ft)	kg lb			*12470 *27490	*12470 *27490							

- 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) 7.06m(23' 2") boom, 2.40m(7' 10") arm equipped with 2.15m³(SAE heaped) bucket, 600mm (24") triple grouser shoe and 10,200kg(22,490lb) 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)		9.0m(30.0ft)		Capacity		Reach
														m(ft)
7.5m (25.0ft)	kg lb							*10340 *22800	*10340 *22800			*9180 *20240	7630 16820	8.92 (29.3)
6.0m (20.0ft)	kg lb					*12620 *27820	*12620 *27820	*10820 *23850	10180 22440			*9080 *20020	6440 14200	9.66 (31.7)
4.5m (15.0ft)	kg lb					*14390 *31720	14020 30910	*11680 *25750	9780 21560	*10120 *22310	7110 15670	*9080 *20020	5780 12740	10.10 (33.1)
3.0m (10.0ft)	kg lb					*16110 *35520	13140 28970	*12580 *27730	9330 20570	*10510 *23170	6910 15230	8950 19730	5480 12080	10.26 (33.7)
1.5m (5.0ft)	kg lb					*17120 *37740	12530 27620	*13210 *29120	8970 19780	*10760 *23720	6720 14820	8970 19780	5460 12040	10.18 (33.4)
Ground Line	kg lb					*17190 *37900	12240 26980	*13340 *29410	8740 19270			*9210 *20300	5730 12630	9.84 (32.3)
-1.5m (-5.0ft)	kg lb			*20900 *46080	19470 42920	*16330 *36000	12200 26900	*12750 *28110	8680 19140			*9040 *19930	6410 14130	9.22 (30.2)
-3.0m (-10.0ft)	kg lb	*21270 *46890	*21270 *46890	*18160 *40040	*18160 *40040	*14430 *31810	12370 27270	*11040 *24340	8820 19440			*8420 *18560	7840 17280	8.22 (27.0)
-4.5m (-15.0ft)	kg lb			*13760 *30340	*13760 *30340	*10760 *23720	*10760 *23720							

3) 7.06m(23' 2") boom, 2.90m(9' 6") arm equipped with 2.15m³(SAE heaped) bucket, 600mm (24") triple grouser shoe and 10,200kg(22,490lb) 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)		9.0m(30.0ft)		Capacity		Reach
														m(ft)
7.5m (25.0ft)	kg lb							*9570 *21100	*9570 *21100			*8450 *18630	7000 15430	9.38 (30.8)
6.0m (20.0ft)	kg lb							*10150 *22380	*10150 *22380			*8410 *18540	5960 13140	10.08 (33.1)
4.5m (15.0ft)	kg lb			*18310 *40370	*18310 *40370	*13530 *29830	*13530 *29830	*11080 *24430	9850 21720	*9630 *21230	7150 15760	*8460 *18650	5370 11840	10.50 (34.4)
3.0m (10.0ft)	kg lb			*22070 *48660	20540 45280	*15390 *33930	13290 29300	*12080 *26630	9370 20660	*10130 *22330	6900 15210	8380 18470	5080 11200	10.66 (35.0)
1.5m (5.0ft)	kg lb			*23640 *52120	19420 42810	*16690 *36800	12560 27690	*12870 *28370	8940 19710	*10520 *23190	6670 14700	8370 18450	5050 11130	10.58 (34.7)
Ground Line	kg lb			*23280 *51320	19120 42150	*17100 *37700	12160 26810	*13200 *29100	8660 19090	*10600 *23370	6510 14350	8740 19270	5270 11620	10.26 (33.7)
-1.5m (-5.0ft)	kg lb	*21630 *47690	*21630 *47690	*21870 *48220	19170 42260	*16590 *36570	12030 26520	*12890 *28420	8540 18830			*8740 *19270	5830 12850	9.66 (31.7)
-3.0m (-10.0ft)	kg lb	*24730 *54520	*24730 *54520	*19470 *42920	19440 42860	*15100 *33290	12130 26740	*11680 *25750	8610 18980			*8420 *18560	6980 15390	8.72 (28.6)
-4.5m (-15.0ft)	kg lb	*19310 *42570	*19310 *42570	*15640 *34480	*15640 *34480	*12190 *26870	*12190 *26870					*7260 *16010	*7260 *16010	7.30 (24.0)

- 4) 7.06m(23' 2") boom, 3.38m(11' 1") arm equipped with 2.15m³(SAE heaped) bucket, 600mm (24") triple grouser shoe and 10,200kg(22,490lb) 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)		9.0m(30.0ft)		Capacity		Reach
														m(ft)
7.5m (25.0ft)	kg lb											*7940 *17500	6280 13850	10.00 (32.8)
6.0m (20.0ft)	kg lb							*9650 *21270	*9650 *21270	*8840 *19490	7490 16510	*7910 *17440	5420 11950	10.66 (35.0)
4.5m (15.0ft)	kg lb			*17020 *37520	*17020 *37520	*12850 *28330	*12850 *28330	*10650 *23480	10010 22070	*9320 *20550	7270 16030	*7960 *17550	4930 10870	11.05 (36.3)
3.0m (10.0ft)	kg lb			*21080 *46470	*21080 *46470	*14860 *32760	13540 29850	*11740 *25880	9510 20970	*9900 *21830	7000 15430	7740 17060	4690 10340	11.20 (36.7)
1.5m (5.0ft)	kg lb			*23420 *51630	19860 43780	*16410 *36180	12770 28150	*12670 *27930	9050 19950	*10390 *22910	6740 14860	7730 17040	4650 10250	11.13 (36.5)
Ground Line	kg lb			*23730 *52320	19320 42590	*17110 *37720	12290 27090	*13170 *29030	8730 19250	*10620 *23410	6540 14420	8030 17700	4830 10650	10.82 (35.5)
-1.5m (-5.0ft)	kg lb	*19510 *43010	*19510 *43010	*22730 *50110	19240 42420	*16910 *37280	12090 26650	*13080 *28840	8570 18890	*10370 *22860	6450 14220	*8220 *18120	5280 11640	10.26 (33.7)
-3.0m (-10.0ft)	kg lb	*26060 *57450	*26060 *57450	*20660 *45550	19410 42790	*15740 *34700	12110 26700	*12190 *26870	8570 18890			*8000 *17640	6180 13620	9.40 (30.8)
-4.5m (-15.0ft)	kg lb	*22420 *49430	*22420 *49430	*17260 *38050	*17260 *38050	*13320 *29370	12340 27210	*9930 *21890	8780 19360			*7220 *15920	*7220 *15920	8.11 (26.6)
-6.0m (-20.0ft)				*11650 *25680	*11650 *25680									

- 5) 7.06m(23' 2") boom, 4.00m(13' 1") arm equipped with 2.15m³(SAE heaped) bucket, 600mm (24") triple grouser shoe and 10,200kg(22,490lb) 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)		9.0m(30.0ft)		10.5m(35.0ft)		Capacity		Reach
																m(ft)
7.5m (25.0ft)	kg lb									*6430 *14180	*6430 *14180			*7150 *15760	5540 12210	10.64 (34.9)
6.0m (20.ft)	kg lb									*8080 *17810	7550 16640			*7160 *15790	4820 10630	11.26 (36.9)
4.5m (15.0ft)	kg lb							*9790 *21580	*9790 *21580	*8640 *19050	7280 16050	*5420 *11950	5370 11840	*7220 *15920	4390 9680	11.62 (38.1)
3.0m (10.0ft)	kg lb			*19190 *42310	*19190 *42310	*13770 *30360	13720 30250	*10980 *24210	9540 21030	*9310 *20530	6970 15370	*7050 *15540	5210 11490	7030 15500	4170 9190	11.77 (38.6)
1.5m (5.0ft)	kg lb			*22280 *49120	20090 44290	*15580 *34350	12820 28260	*12050 *26570	9020 19890	*9920 *21870	6670 14700	*7850 *17310	5050 11130	7000 15430	4120 9080	(11.70) (38.4)
Ground Line	kg lb	*14150 *31200	*14150 *31200	*23440 *51680	19230 42390	*16640 *36680	12200 26900	*12770 *28150	8630 19030	*10320 *22750	6420 14150	*7150 *15760	4920 10850	7230 15940	4260 9390	11.41 (37.4)
-1.5m (-5.0ft)	kg lb	*18510 *40810	*18510 *40810	*23100 *50930	18930 41730	*16830 *37100	11890 26210	*12950 *28550	8390 18500	*10320 *22750	6270 13820			*7620 *16800	4620 10190	10.88 (35.7)
-3.0m (-10.0ft)	kg lb	*23660 *52160	*23660 *52160	*21570 *47550	18980 41840	*16090 *35470	11820 26060	*12430 *27400	8320 18340	*9680 *21340	6250 13780			*7550 *16640	5320 11730	10.08 (33.1)
-4.5m (-15.0ft)	kg lb	*25710 *56680	*25710 *56680	*18800 *41450	*18800 *41450	*14260 *31440	11960 26370	*10880 *23990	8430 18580					*7150 *15760	6680 14730	8.91 (29.2)
-6.0m (-20.0ft)	kg lb	*18640 *41090	*18640 *41090	*14220 *31350	*14220 *31350	*10710 *23610	*10710 *23610									

6) 7.06m(23' 2") boom, 4.50m(14' 9") arm equipped with 2.15m³(SAE heaped) bucket, 600mm (24") triple grouser shoe and 10,200kg(22,490lb) 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)		9.0m(30.0ft)		10.5m(35.0ft)		Capacity		Reach
																m(ft)
7.5m (25.0ft)	kg lb									*6730 *14840	*6730 *14840			*6590 *14530	4990 11000	11.18 (36.7)
6.0m (20.0ft)	kg lb									*7500 *16530	*7500 *16530	*4930 *10870	*4930 *10870	*6620 *14590	4370 9630	11.76 (38.6)
4.5m (15.0ft)	kg lb							*9110 *20080	*9110 *20080	*8110 *17880	7320 16140	*6660 *14680	5390 11880	*6690 *14750	3990 8800	12.11 (39.7)
3.0m (10.0ft)	kg lb			*17640 *38890	*17640 *38890	*12870 *28370	*12870 *28370	*10360 *22840	9600 21160	*8840 *19490	6980 15390	*7820 *17240	5200 11460	6490 14310	3790 8360	12.25 (40.2)
1.5m (5.0ft)	kg lb			*21200 *46740	20380 44930	*14860 *32760	12910 28460	*11540 *25440	9040 19930	*9530 *21010	6640 14640	*8180 *18030	5000 11020	6450 14220	3740 8250	12.18 (40.0)
Ground Line	kg lb	*14310 *31550	*14310 *31550	*22980 *50660	19250 42440	*16190 *35690	12200 26900	*12400 *27340	8580 18920	*10040 *22130	6360 14020	8190 18060	4840 10670	6640 14640	3840 8470	11.91 (39.1)
-1.5m (-5.0ft)	kg lb	*17750 *39130	*17750 *39130	*23160 *51060	18780 41400	*16670 *36750	11780 25970	*12770 *28150	8290 18280	*10210 *22510	6170 13600	*7850 *17310	4740 10450	7110 15670	4140 9130	11.41 (37.4)
-3.0m (-10.0ft)	kg lb	*22170 *48880	*22170 *48880	*22090 *48700	18710 41250	*16250 *35830	11640 25660	*12510 *27580	8160 17990	*9840 *21690	6100 13450			*7120 *15700	4710 10380	10.65 (34.9)
-4.5m (-15.0ft)	kg lb	*27780 *61240	*27780 *61240	*19780 *43610	18920 41710	*14820 *32670	11710 25820	*11360 *25040	8210 18100	*8500 *18740	6190 13650			*6890 *15190	5790 12760	9.56 (31.4)
-6.0m (-20.0ft)	kg lb	*21610 *47640	*21610 *47640	*15870 *34990	*15870 *34990	*11960 *26370	*11960 *26370	*8670 *19110	8500 18740					*6000 *13230	*6000 *13230	7.98 (26.2)

7) 9.00m(29' 6") boom, 5.85m(19' 2") arm equipped with 1.65m³(SAE heaped) bucket, 600mm (24") triple grouser shoe and 10,700kg(23,590lb) counterweight.

Load point height		Load radius												At max. reach		
		3.0m(10.0ft)		5.0m(15.0ft)		7.0m(25.0ft)		9.0m(30.0ft)		11.0m(35.0ft)		13.0m(45.0ft)		Capacity		Reach
																m(ft)
10.0m (35.0ft)	kg lb													*4350 *9590	3530 7780	13.66 (44.8)
8.0m (25.0ft)	kg lb									*4910 *10820	*4910 *10820	*2810 *6190	*2810 *6190	*4290 *9460	2860 6310	14.63 (48.0)
6.0m (20.0ft)	kg lb									*5320 *11730	*5320 *11730	*4370 *9630	3650 8050	*4290 *9460	2450 5400	15.25 (50.0)
4.0m (15.0ft)	kg lb					*9040 *19930	*9040 *19930	*7050 *15540	*7050 *15540	*5880 *12960	4990 11000	*5110 *11270	3450 7610	4200 9260	2200 4850	15.57 (51.1)
2.0m (-5.0ft)	kg lb			*16870 *37190	16620 36640	*10900 *24030	9970 21980	*8070 *17790	6630 14620	*6460 14240	4600 10140	*5410 *11930	3230 7120	4080 8990	2100 4630	15.60 (51.2)
Ground Line	kg lb			*17270 *38070	15020 33110	*12210 *26920	9020 19890	*8880 *19580	6060 13360	*6930 *15280	4250 9370	5550 12240	3030 6680	4140 9130	2110 4650	15.35 (50.4)
-2.0m (-5.0ft)	kg lb	*11700 *25790	*11700 *25790	*18210 *40150	14440 31830	*12720 *28040	8480 18700	*9290 *20480	5680 12520	*7160 *15790	4010 8840	5400 11900	2890 6370	4390 9680	2270 5000	14.80 (48.6)
-4.0m (-15.0ft)	kg lb	*15000 *33070	*15000 *33070	*17860 *39370	14390 31720	*12450 *27450	8290 18280	*9180 *20240	5500 12130	*7000 *15430	3890 8580	*4190 *9240	2870 6330	*4530 *9990	2620 5780	13.91 (45.6)
-6.0m (-20.0ft)	kg lb	*18860 *41580	*18860 *41580	*15810 *34860	14660 32320	*11330 *24980	8360 18430	*8400 *18520	5530 12190	*6190 *13650	3940 8690			*4380 *9660	3290 7250	12.61 (41.4)
-8.0m (-25.0ft)	kg lb	*17900 *39460	*17900 *39460	*12440 *27430	*12440 *27430	*9090 *20040	8680 19140	*6540 *14420	5780 12740					*3820 *8420	*3820 *8420	10.72 (35.2)