

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 9,200kg(20,280lb) 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)
6.0m (20.0ft)	kg lb					*12650 *27890	*12650 *27890	*11210 *24710	8690 19160	*9660 *21300	6120 13490	9.15 (30.0)
4.5m (15.0ft)	kg lb			*18690 *41200	*18690 *41200	*14180 *31260	12170 26830	*11850 *26120	8400 18520	9470 20880	5390 11880	9.65 (31.7)
3.0m (10.0ft)	kg lb					*15840 *34920	11400 25130	*12650 *27890	8020 17680	8970 17980	5040 11110	9.86 (32.3)
1.5m (5.0ft)	kg lb					*16990 *37460	10770 23740	*13250 *29210	7680 16930	8930 19690	4970 10960	9.80 (32.2)
Ground Line	kg lb			*23200 *51150	16210 35740	*17220 *37960	10420 22970	*13350 *29430	7450 16420	9370 20660	5210 11490	9.47 (31.1)
-1.5m (-5.0ft)	kg lb	*25480 *56170	*25480 *56170	*21390 *47160	16250 35830	*16370 *36090	10320 22750	*12620 *27820	7380 16270	*9480 *20900	5860 12920	8.83 (29.0)
-3.0m (-10.0ft)	kg lb	*22320 *49210	*22320 *49210	*18300 *40340	16520 36420	*14220 *31350	10450 23040			*8650 *19070	7280 16050	7.80 (25.6)
-4.5m (-15.0ft)	kg lb			*13110 *28900	*13110 *28900							

- 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 9,200kg(20,280lb) 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)
6.0m (20.0ft)	kg lb					*12160 *26810	*12160 *26810	*10540 *23240	8580 18920			*8790 *19380	5320 11730	9.75 (32.0)
4.5m (15.0ft)	kg lb					*13850 *30530	11800 26010	*11340 *25000	8200 18080			8460 18650	4730 10430	10.21 (33.5)
3.0m (10.0ft)	kg lb					*15560 *34300	10960 24160	*12220 *26940	7780 17150	10250 22600	5730 12630	8050 17750	4430 9770	10.41 (34.2)
1.5m (5.0ft)	kg lb					*16660 *36730	10340 22800	*12880 *28400	7420 16360	10040 22130	5540 12210	8020 17680	4380 9660	10.36 (34.0)
Ground Line	kg lb					*16840 *37130	10030 22110	*13080 *28840	7190 15850			8370 18450	4570 10080	10.05 (33.0)
-1.5m (-5.0ft)	kg lb			*20660 *45550	15820 34880	*16130 *35560	9970 21980	*12610 *27800	7110 15670			*8800 *19400	5080 11200	9.46 (31.0)
-3.0m (-10.0ft)	kg lb	*21190 *46720	*21190 *46720	*18150 *40010	16110 35520	*14430 *31810	10110 22290	*11140 *24560	7220 15920			*8270 *18230	6160 13580	8.51 (27.9)
-4.5m (-15.0ft)	kg lb			*14140 *31170	*14140 *31170	*11160 *24600	10480 23100					*6610 *14570	*6610 *14570	7.04 (23.1)

3) 7.06m(23' 2") boom, 2.90m(9' 6") arm equipped with 2.15m³(SAE heaped) bucket, 600mm (24") triple grouser shoe and 9,200kg(20,280lb) 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)
6.0m (20.0ft)	kg lb							*9890 *21800	8690 19160			*8170 *18010	4920 10850	10.17 (33.4)
4.5m (15.0ft)	kg lb			*17370 *38290	*17370 *38290	*13010 *23680	12000 26460	*10760 *23720	8280 18250	*9430 *20790	5970 13160	7920 17460	4380 9660	10.62 (34.8)
3.0m (10.0ft)	kg lb			*21190 *46720	17040 37570	*14850 *32740	11110 24490	*11740 *25880	7820 17240	*9910 *21850	5730 12630	7540 16620	4110 9060	10.80 (35.4)
1.5m (5.0ft)	kg lb			*22600 *49820	15880 35010	*16210 *35740	10390 22910	*12540 *27650	7410 16340	10010 22070	5500 12130	7490 16510	4040 8910	10.75 (35.3)
Ground Line	kg lb			*22850 *50380	15550 34280	*16730 *36880	9980 22000	*12930 *28510	7120 15700	9830 21670	5340 11770	7780 17150	4190 9240	10.46 (34.3)
-1.5m (-5.0ft)	kg lb	*19300 *42550	*19300 *42550	*21590 *47600	15570 34330	*16350 *36050	9840 21690	*12720 *28040	6990 15410			*8500 *18740	4610 10160	9.89 (32.4)
-3.0m (-10.0ft)	kg lb	*24620 *54280	*24620 *54280	*19390 *42750	15790 34810	*15030 *33140	9900 21830	*11680 *25750	7030 15500			*8240 *18170	5490 12100	9.00 (29.5)
-4.5m (-15.0ft)	kg lb	*19660 *43340	*19660 *43340	*15870 *34990	*15870 *34990	*12420 *27380	10190 22470					*7260 *16010	*7260 *16010	7.65 (25.1)

4) 7.06m(23' 2") boom, 3.38m(11' 1") arm equipped with 2.15m³(SAE heaped) bucket, 600mm (24") triple grouser shoe and 9,200kg(20,280lb) 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)
6.0m (20.0ft)	kg lb							*9410 *20750	8880 19580	*7440 *16400	6310 13910	*7720 *17020	4480 9880	10.76 (35.3)
4.5m (15.0ft)	kg lb					*12360 *27250	12300 27120	*10350 *22820	8470 18670	*9130 *20130	6110 13470	7310 16120	4030 8880	11.18 (36.7)
3.0m (10.0ft)	kg lb			*20190 *44510	17790 39220	*14350 *31640	11420 25180	*11430 *25200	8000 17640	*9700 *21380	5860 12920	6950 15410	3800 8380	11.35 (37.2)
1.5m (5.0ft)	kg lb			*22780 *50220	16430 36220	*15960 *35190	10670 23520	*12370 *27270	7570 16690	10120 22310	5610 12370	6950 15320	3740 8250	11.30 (37.1)
Ground Line	kg lb	*11960 *26370	*11960 *26370	*23320 *51410	15860 34970	*16780 *36990	10190 22470	*12940 *28530	7250 15980	9900 21830	5420 11950	7180 15830	3870 8530	11.03 (36.2)
-1.5m (-5.0ft)	kg lb	*17460 *38490	*17460 *38490	*22500 *49600	15740 34700	*16700 *36820	9970 21980	*12940 *28530	7080 15610	9790 21580	5320 11730	7770 17130	4210 9280	10.50 (34.4)
-3.0m (-10.0ft)	kg lb	*23150 *51040	*23150 *51040	*20630 *45480	15860 34970	*15700 *34610	9960 21960	*12200 *26900	7050 15540			*7850 *17310	4900 10800	9.67 (31.7)
-4.5m (-15.0ft)	kg lb	*22870 *50420	*22870 *50420	*17530 *38650	16200 35710	*13540 *29850	10150 22380	*10250 *22600	7220 15920			*7190 *15850	6290 13870	8.44 (27.7)
-6.0m (-20.0ft)	kg lb			*12450 *27450	*12450 *27450	*9310 *20530	*9310 *20530							

5) 7.06m(23' 2") boom, 4.00m(13' 1") arm equipped with 2.15m³(SAE heaped) bucket, 600mm (24") triple grouser shoe and 9,200kg(20,280lb) 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)
6.0m (20.0ft)	kg lb									*7780 *17150	6350 14000			*7000 *15430	3970 8750	11.35 (37.2)
4.5m (15.0ft)	kg lb							*9530 *21010	8530 18810	*8480 *18700	6110 13470	*4660 *10270	4460 9830	6630 14620	3570 7870	11.75 (38.5)
3.0m (10.0ft)	kg lb			*18320 *40390	18290 40320	*13280 *29280	11560 25490	*10680 *23550	8020 17680	*9120 *20110	5820 12830	*6310 *13910	4310 9500	6350 14000	3360 7410	11.91 (39.1)
1.5m (5.0ft)	kg lb			*21560 *47530	16630 36660	*15110 *33310	10700 23590	*11760 *25930	7530 16600	*9730 *21450	5530 12190	*7150 *15760	4150 9150	6300 13890	3300 7280	11.87 (38.9)
Ground Line	kg lb	*12740 *28090	*12740 *28090	*22920 *50530	15750 34720	*16260 *35850	10090 22240	*12510 *27850	7140 15740	9790 21580	5290 11660	*6660 *14680	4020 8860	6480 14290	3390 7470	11.61 (38.1)
-1.5m (-5.0ft)	kg lb	*16670 *36750	*16670 *36750	*22740 *50130	15440 34040	*16550 *36490	9770 21540	*12760 *28130	6900 15210	9620 21210	5140 11330			6950 15320	3660 8070	11.11 (36.5)
-3.0m (-10.0ft)	kg lb	*21280 *46910	*21280 *46910	*21390 *47160	15450 34060	*15950 *35160	9680 21340	*12350 *27230	6820 15040	9580 21120	5110 11270			*7420 *16360	4200 9260	10.34 (33.9)
-4.5m (-15.0ft)	kg lb	*25850 *56990	*25850 *56990	*18860 *41580	15700 34610	*14320 *31570	9790 21580	*11000 *24250	6900 15210					*7070 *15590	5240 11550	9.21 (30.2)
-6.0m (-20.0ft)	kg lb	*19310 *42570	*19310 *42570	*14670 *32340	*14670 *32340	*11140 *24560	10140 22350							*5870 *12940	*5870 *12940	7.55 (24.8)

6) 7.06m(23' 2") boom, 4.50m(14' 9") arm equipped with 2.15m³(SAE heaped) bucket, 600mm (24") triple grouser shoe and 9,200kg(20,280lb) 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)
6.0m (20.0ft)	kg lb									*7400 *16310	6420 14150	*4260 *9390	*4260 *9390	*6490 *14310	3580 7890	11.86 (38.9)
4.5m (15.0ft)	kg lb							*8870 *19550	8630 19030	*7970 *17570	6160 13580	*6020 *13270	4480 9880	6130 13510	3230 7120	12.24 (40.2)
3.0m (10.0ft)	kg lb			*16790 *37020	*16790 *37020	*12400 *27340	11740 25880	*10080 *22220	8090 17840	*8660 *19090	5840 12870	*7350 *16200	4300 9480	5870 12940	3040 6700	12.40 (40.7)
1.5m (5.0ft)	kg lb			*20440 *45060	16910 37280	*14400 *31750	10800 23810	*11250 *24800	7550 16640	*9350 *20610	5510 12150	7700 16980	4110 9060	5820 12830	2980 6570	12.35 (40.5)
Ground Line	kg lb	*12980 *28620	*12980 *28620	*22400 *49380	15780 34790	*15790 *34810	10090 22240	*12140 *26760	7110 15670	9740 21470	5240 11550	7520 16580	3950 8710	5960 13140	3040 6700	12.10 (39.7)
-1.5m (-5.0ft)	kg lb	*16020 *35320	*16020 *35320	*22740 *50130	15290 33710	*16360 *36070	9680 21340	*12570 *27710	6810 15010	9530 21010	5050 11130	7410 16340	3850 8490	6350 14000	3270 7210	11.63 (38.2)
-3.0m (-10.0ft)	kg lb	*19970 *44030	*19970 *44030	*21830 *48130	15190 33490	*16070 *35430	9510 20970	*12390 *27320	6680 14730	9440 20810	4970 10960			*7010 *15450	3710 8180	10.90 (35.8)
-4.5m (-15.0ft)	kg lb	*24940 *54980	*24940 *54980	*19740 *43520	15360 33860	*14810 *32650	9560 21080	*11410 *25150	6700 14770	*8670 *19110	5040 11110			*6810 15010	4540 10010	9.85 (32.3)
-6.0m (-20.0ft)	kg lb	*22050 *48610	*22050 *48610	*16160 *35630	15790 34810	*12230 *26960	9830 21670	*9040 *19930	6940 15300					*6070 *13380	*6070 *13380	8.34 (27.4)

7) 9.0m(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)		13m(45.0ft)		Capacity		Reach
																m(ft)
10.0m (35.0ft)	kg lb													*4090 *9020	3170 6990	13.54 (44.4)
8.0m (25.0ft)	kg lb									*4790 *10560	*4790 *10560	*2310 *5090	*2310 *5090	*3970 *8750	2520 5560	14.55 (47.7)
6.0m (20.0ft)	kg lb									*5170 *11400	4780 10540	*3890 *8580	3200 7050	*3980 *8770	2120 4670	15.20 (49.9)
4.0m (15.0ft)	kg lb							*6790 *14970	6540 14420	*5700 *12570	4420 9740	*4980 *10980	3010 6640	4080 8990	1880 4140	15.55 (51.0)
2.0m (5.0ft)	kg lb			*16110 *35520	14690 32390	*10460 *23060	8870 19550	*7790 *17170	5880 12960	*6260 *13800	4040 8910	*5280 *11640	2800 6170	3950 8710	1760 3880	15.61 (51.2)
Ground Line	kg lb			*16240 *35800	13060 28790	*11800 *26010	7920 17460	*8600 *18960	5320 11730	*6740 *14860	3700 8160	5370 11840	2600 5730	3980 8770	1760 3880	15.39 (50.5)
-2.0m (-5.0ft)	kg lb	*10680 *23550	*10680 *23550	*16760 *36950	12460 27470	*12370 *27270	7370 16250	*9040 *19930	4930 10870	6930 15280	3460 7630	5220 11510	2460 5420	4200 9260	1890 4170	14.87 (48.8)
-4.0m (-15.0ft)	kg lb	*13660 *30120	*13660 *30120	*17510 *38600	12370 27270	*12180 *26850	7160 15790	*8990 *19820	4750 10470	6800 14990	3330 7340	*4160 *9170	2430 5360	*4460 *9830	2180 4810	14.02 (46.0)
-6.0m (-20.0ft)	kg lb	*17110 *37720	*17110 *37720	*15620 *34440	12590 27760	*11180 *24650	7200 15870	*8300 *18300	4750 10470	*6180 *13620	3360 7410			*4330 *9550	2750 *6060	12.76 (41.9)
-8.0m (-28.0ft)	kg lb	*18070 *39840	*18070 *39840	*12490 *27540	*12490 *27540	*9140 *20150	7480 16490	*6630 *14620	4960 10930					*3840 *8470	*3840 *8470	10.94 (35.9)
-10.0m (-35.0ft)	kg lb					*5220 *11510	*5220 *11510									