

5. LIFTING CAPACITIES

1) 6.55m(21' 6") boom, 2.40m(7'10") arm equipped with 2.15m³(SAE heaped) bucket and 600mm(24") triple grouser shoe.

-  : 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					*12780 28180	12740 28090	*11340 25000	8630 19030	*9810 21630	6110 13470	9.15 (30.0)
4.5m (15.0ft)	kg lb			*18830 41510	*18830 41510	*14310 31550	12060 26590	*11990 26430	8340 18390	9350 20610	5390 11880	9.65 (31.7)
3.0m (10.0ft)	kg lb					*15980 35230	11290 24890	*12790 28200	7970 17570	8850 19510	5040 11110	9.86 (32.3)
1.5m (5.0ft)	kg lb					*17140 37790	10670 23520	*13390 29520	7630 16820	8810 19420	4980 10980	9.80 (32.2)
Ground Line	kg lb			*23370 51520	16020 35320	*17360 38270	10320 22750	13260 29230	7400 16310	9240 20370	5210 11490	9.47 (31.1)
-1.5m (-5.0ft)	kg lb	*25360 55910	*25360 55910	*21560 47530	16060 35410	*16520 36420	10220 22530	*12770 28150	7330 16160	*9630 21230	5840 12870	8.83 (29.0)
-3.0m (-10.0ft)	kg lb	*22500 49600	*22500 49600	*18450 40680	16320 35980	*14370 31680	10350 22820			*8790 19380	7250 15980	7.80 (25.6)
-4.5m (-15.0ft)	kg lb			*13260 29230	*13260 29230							

- 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 and 600mm (24") triple grouser shoe.

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					*12300 *27120	*12300 *27120	*10680 *23550	8520 18780			*8940 *19710	5330 11750	9.75 (32.0)
4.5m (15.0ft)	kg lb					*13990 *30840	11690 25770	*11480 *25310	8150 17970			8360 18430	4740 10450	10.21 (33.5)
3.0m (10.0ft)	kg lb					*15700 *34610	10860 23940	*12360 *27250	7730 17040	10100 22270	5710 12590	7960 17550	4450 9810	10.41 (34.2)
1.5m (5.0ft)	kg lb					*16810 *37060	10250 22600	*13030 *28730	7370 16250	9890 21800	5520 12170	7920 17460	4390 9680	10.36 (34.0)
Ground Line	kg lb					*16990 *37460	9940 21910	12980 28620	7140 15740			8260 18210	4580 10100	10.05 (33.0)
-1.5m (-5.0ft)	kg lb			*20830 *45920	15630 34460	*16280 *35890	9880 21780	*12760 *28130	7070 15590			*8940 *19710	5080 11200	9.46 (31.0)
-3.0m (-10.0ft)	kg lb	*21370 *47110	*21370 *47110	*18310 *40370	15910 35080	*14570 *32120	10010 22070	*11280 *24870	7170 15810			*8410 *18540	6140 13540	8.51 (27.9)
-4.5m (-15.0ft)	kg lb			*14290 *31500	*14290 *31500	*11310 *24930	10380 22880					*6750 *14880	*6750 *14880	7.04 (23.1)

3) 7.06m(23' 2") boom, 2.90m(9' 6") arm equipped with 2.15m³(SAE heaped) bucket and 600mm (24") triple grouser shoe.

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							*10030 *22110	8630 19030			*8310 *18320	4930 10870	10.17 (33.4)
4.5m (15.0ft)	kg lb			*17510 *38600	*17510 *38600	*13150 *28990	11890 26210	*10900 *24030	8230 18140	*9570 *21100	5950 13120	7830 17260	4400 9700	10.62 (34.8)
3.0m (10.0ft)	kg lb			*21350 *47070	16840 37130	*15000 *33070	11000 24250	*11880 *26190	7770 17130	*10050 *22160	5710 12590	7460 16450	4120 9080	10.80 (35.4)
1.5m (5.0ft)	kg lb			*22470 *49540	15690 34590	*16360 *36070	10300 22710	*12690 *27980	7360 16230	9860 21740	5490 12100	7410 16340	4060 8950	10.75 (35.3)
Ground Line	kg lb			*23020 *50750	15360 33860	*16880 *37210	9890 21800	12930 28510	7080 15610	9680 21340	5320 11730	7680 16930	4200 9260	10.46 (34.3)
-1.5m (-5.0ft)	kg lb	*19180 *42280	*19180 *42280	*21760 *47970	15380 33910	*16500 *36380	9740 21470	12780 28180	6950 15320			8400 18520	4620 10190	9.89 (32.4)
-3.0m (-10.0ft)	kg lb	*24800 *54670	*24800 *54670	*19550 *43100	15590 34370	*15180 *33470	9810 21630	*11820 *26060	6980 15390			*8390 *18500	5480 12080	9.00 (29.5)
-4.5m (-15.0ft)	kg lb	*19830 *43720	*19830 *43720	*16030 *35340	*16030 *35340	*12570 *27710	10080 22220					*7400 *16310	7350 16200	7.65 (25.1)

- 4) 7.06m(23' 2") boom, 3.38m(11' 1") arm equipped with 2.15m³(SAE heaped) bucket and 600mm (24") triple grouser shoe.

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							*9550 *21050	8820 19440	*7560 *16670	6290 13870	*7870 *17350	4500 9920	10.76 (35.3)
4.5m (15.0ft)	kg lb					*12500 *27560	12190 26870	*10490 *23130	8420 18560	*9270 *20440	6090 13430	7230 15940	4060 8950	11.18 (36.7)
3.0m (10.0ft)	kg lb			*20340 *44840	17580 38760	*14490 *31940	11310 24930	*11570 *25510	7950 17530	*9840 *21690	5840 12870	6920 15260	3820 8420	11.35 (37.2)
1.5m (5.0ft)	kg lb			*22940 *50570	16230 35780	*16110 *35520	10570 23300	*12510 *27580	7520 16580	9970 21980	5590 12320	6880 15170	3770 8310	11.30 (37.1)
Ground Line	kg lb	*11840 *26100	*11840 *26100	*23480 *51760	15670 34550	*16930 *37320	10090 22240	13060 28790	7200 15870	9760 21520	5400 11900	7100 15650	3890 8580	11.03 (36.2)
-1.5m (-5.0ft)	kg lb	*17340 *38230	*17340 *38230	*22660 *49960	15550 34280	*16850 *37150	9870 21760	12860 28350	7030 15500	9640 21250	5300 11680	7680 16930	4220 9300	10.50 (34.4)
-3.0m (-10.0ft)	kg lb	*23020 *50750	*23020 *50750	*20790 *45830	15670 34550	*15850 *34940	9870 21760	*12340 *27210	7010 15450			*8000 *17640	4900 10800	9.67 (31.7)
-4.5m (-15.0ft)	kg lb	*23040 *50790	*23040 *50790	*17680 *38980	16000 35270	*13690 *30180	10050 22160	*10390 *22910	7170 15810			*7330 *16160	6270 13820	8.44 (27.7)
-6.0m (-20.0ft)	kg lb			*12600 *27780	*12600 *27780	*9460 *20860	*9460 *20860							

- 5) 7.06m(23' 2") boom, 4.00m(13' 1") arm equipped with 2.15m³(SAE heaped) bucket and 600mm (24") triple grouser shoe.

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									*7910 *17440	6330 13960			7120 15700	3990 8800	11.35 (37.2)
4.5m (15.0ft)	kg lb							*9660 *21300	8480 18700	*8610 *18980	6100 13450	*4780 *10540	4460 9830	6570 14480	3600 7940	11.75 (38.5)
3.0m (10.0ft)	kg lb			*18460 *40700	18070 39840	*13420 *29590	11450 25240	*10820 *23850	7970 17570	*9260 *20410	5800 12790	*6430 *14180	4310 9500	6290 13870	3390 7470	11.91 (39.1)
1.5m (5.0ft)	kg lb			*21710 *47860	16420 36200	*15260 *33640	10590 23350	*11900 *26230	7480 16490	*9870 *21760	5510 12150	*7270 *16030	4160 9170	6240 13760	3330 7340	11.87 (38.9)
Ground Line	kg lb	*12610 *27800	*12610 *27800	*23080 *50880	15550 34280	*16410 *36180	9990 22020	*12650 *27890	7090 15630	9640 21250	5280 11640	*6780 *14950	4030 8880	6410 14130	3410 7520	11.61 (38.1)
-1.5m (-5.0ft)	kg lb	*16540 *36460	*16540 *36460	*22900 *50490	15240 33600	*16700 *36820	9670 21320	12690 27980	6850 15100	9470 20880	5130 11310			6870 15150	3680 8110	11.11 (36.5)
-3.0m (-10.0ft)	kg lb	*21150 *46630	*21150 *46630	*21550 *47510	15250 33620	*16100 *35490	9580 21120	*12490 *27540	6770 14930	9430 20790	5090 11220			*7560 *16670	4210 9280	10.34 (33.9)
-4.5m (-15.0ft)	kg lb	*26010 *57340	*26010 *57340	*19010 *41910	15490 34150	*14470 *31900	9690 21360	*11140 *24560	6850 15100					*7220 *15920	5230 11530	9.21 (30.2)
-6.0m (-20.0ft)	kg lb	*19460 *42900	*19460 *42900	*14810 *32650	*14810 *32650	*11280 *24870	10030 22110							*6010 *13250	*6010 *13250	7.55 (24.8)

6) 7.06m(23' 2") boom, 4.50m(14' 9") arm equipped with 2.15m³(SAE heaped) bucket and 600mm (24") triple grouser shoe.

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															
4.5m (15.0ft)	kg lb															
3.0m (10.0ft)	kg lb															
1.5m (5.0ft)	kg lb															
Ground Line	kg lb															
-1.5m (-5.0ft)	kg lb															
-3.0m (-10.0ft)	kg lb															
-4.5m (-15.0ft)	kg lb															
-6.0m (-20.0ft)	kg lb															

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															
8.0m (25.0ft)	kg lb															
6.0m (20.0ft)	kg lb															
4.0m (15.0ft)	kg lb															
2.0m (5.0ft)	kg lb															
Ground Line	kg lb															
-2.0m (-5.0ft)	kg lb															
-4.0m (-15.0ft)	kg lb															
-6.0m (-20.0ft)	kg lb															
-8.0m (-28.0ft)	kg lb															
-10.0m (-35.0ft)	kg lb															