

5. LIFTING CAPACITIES

1) 6.15m(20' 2") boom, 2.2m(7' 3") arm equipped with 1.44m³(PCSA 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)
7.5m (25.0ft)	kg lb									*6910 *15230	5680 12520	7.69 (25.2)
6.0m (20.0ft)	kg lb					*7760 *17110	*7760 *17110	*7460 *16450	5770 12720	*6960 *15340	4510 9940	8.61 (28.2)
4.5m (15.0ft)	kg lb			*11210 *24710	*11210 *24710	*8910 *19640	8260 18210	*7850 *17310	5630 12410	6180 13620	3920 8640	9.16 (30.1)
3.0m (10.0ft)	kg lb			*14450 *31860	12090 26650	*10390 *22910	7760 17110	8500 18740	5400 11900	5810 12810	3650 8050	9.39 (30.8)
1.5m (5.0ft)	kg lb			*16730 *36880	11300 24910	*11700 *25790	7330 16160	8250 18190	5180 11420	5780 12740	3610 7960	9.35 (30.7)
Ground Line	kg lb			*17390 *38340	11020 24290	11570 25510	7070 15590	8080 17810	5030 11090	6090 13430	3800 8380	9.02 (29.6)
-1.5m (-5.0ft)	kg lb	*16010 *35300	*16010 *35300	*16940 *37350	11010 24270	11480 25310	7000 15430	8040 17730	5000 11020	6900 15210	4330 9550	8.37 (27.5)
-3.0m (-10.0ft)	kg lb	*21280 *46910	*21280 *46910	*15440 *34040	11200 24690	*11470 *25290	7100 15650			*7700 *16980	5530 12190	7.29 (23.9)
-4.5m (-15.0ft)	kg lb	*16550 *36490	*16550 *36490	*12170 *26830	11630 25640							

- 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) 6.45m(21' 2") boom, 2.2m(7' 3") arm equipped with 1.44m³(PCSA 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)		Capacity		Reach
												m(ft)
7.5m (25.0ft)	kg lb									*6570 *14480	5120 11290	8.07 (26.5)
6.0m (20.0ft)	kg lb					*7600 *16760	*7600 *16760	*7100 *15650	5710 12590	6450 14220	4110 9060	8.95 (29.4)
4.5m (15.0ft)	kg lb			*11460 *25260	*11460 *25260	*8830 *19470	8070 17790	*7610 *16780	5520 12170	5730 12630	3590 7910	9.47 (31.1)
3.0m (10.0ft)	kg lb					*10320 *22750	7530 16600	8350 18410	5260 11600	5400 11900	3350 7390	9.70 (31.8)
1.5m (5.0ft)	kg lb					*11580 *25530	7090 15630	8080 17810	5030 11090	5370 11840	3310 7300	9.66 (31.7)
Ground Line	kg lb			*17110 *37720	10680 23550	11310 24930	6840 15080	7910 17440	4870 10740	5650 12460	3480 7670	9.34 (30.6)
-1.5m (-5.0ft)	kg lb	*13660 *30120	*13660 *30120	*16560 *36510	10730 23660	11240 24780	6780 14950	7870 17350	4830 10650	6350 14000	3940 8690	8.72 (28.6)
-3.0m (-10.0ft)	kg lb	*20480 *45150	*20480 *45150	*15160 *33420	10930 24100	11360 25040	6890 15190			*7290 *16070	4950 10910	7.70 (25.3)
-4.5m (-15.0ft)	kg lb	*16460 *36290	*16460 *36290	*12360 *27250	11350 25020							

- 3) 6.45m(21' 2") boom, 2.5m(8' 2") arm equipped with 1.44m³(PCSA 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)
7.5m (25.0ft)	kg lb											*6180 *13620	4840 10670	8.34 (27.4)
6.0m (20.0ft)	kg lb							*6750 *14880	5750 12680			6170 13600	3920 8640	9.19 (30.2)
4.5m (15.0ft)	kg lb			*10750 *23700	*10750 *23700	*8420 *18560	8120 17900	*7310 *16120	5540 12210			5500 12130	3430 7560	9.70 (31.8)
3.0m (10.0ft)	kg lb			*14010 *30890	11740 25880	*9940 *21910	7550 16640	*8080 *17810	5260 11600			5190 11440	3190 7030	9.92 (32.5)
1.5m (5.0ft)	kg lb			*16290 *35910	10880 23990	*11280 *24870	7070 15590	8060 17770	5000 11020	5970 13160	3680 8110	5150 11350	3150 6940	9.88 (32.4)
Ground Line	kg lb			*16990 *37460	10590 23350	11260 24820	6790 14970	7860 17330	4820 10630			5390 11880	3300 7280	9.57 (31.4)
-1.5m (-5.0ft)	kg lb	*14220 *31350	*14220 *31350	*16670 *36750	10590 23350	11150 24580	6700 14770	7790 17170	4760 10490			6010 13250	3700 8160	8.97 (29.4)
-3.0m (-10.0ft)	kg lb	*21440 *47270	*21440 *47270	*15460 *34080	10760 23720	11240 24780	6770 14930					*7290 *16070	4590 10120	7.98 (26.2)
-4.5m (-15.0ft)	kg lb	*17640 *38890	*17640 *38890	*12990 *28640	11140 24560	*9520 *20990	7060 15560					*6680 *14730	*6680 *14730	6.42 (21.1)

- 4) 6.45m(21' 2") boom, 3.2m(10' 6") arm equipped with 1.44m³(PCSA heaped) bucket and 600mm (24") triple grouser shoe.

Load point height		Load radius												At max. reach		
		1.5m(5.0ft)		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									*4880 *10760	*4880 *10760			*5500 *12130	4200 9260	9.06 (29.7)
6.0m (20.0ft)	kg lb									*6000 *13230	5890 12990			5510 12150	3470 7650	9.84 (32.3)
4.5m (15.0ft)	kg lb							*7490 *16510	*7490 *16510	*6640 *14640	5640 12430	*5070 *11180	3980 8770	4960 10930	3060 6750	10.31 (33.8)
3.0m (10.0ft)	kg lb					*12430 *27400	12180 26850	*9090 *20040	7700 16980	*7490 *16510	5320 11730	6140 13540	3830 8440	4690 10340	2850 6280	10.52 (34.5)
1.5m (5.0ft)	kg lb					*15210 *33530	11110 24490	*10610 *23390	7150 15760	8090 17840	5020 11070	5970 13160	3670 8090	4640 10230	2800 6170	10.48 (34.4)
Ground Line	kg lb			*9720 *21430	*9720 *21430	*16620 *36640	10580 23320	11260 24820	6780 14950	7830 17260	4790 10560	5830 12850	3540 7800	4810 10600	2900 6390	10.19 (33.4)
-1.5m (-5.0ft)	kg lb	*10800 *23810	*10800 *23810	*13710 *30230	*13710 *30230	*16830 *37100	10440 23020	11060 24380	6600 14550	7700 16980	4660 10270			5280 11640	3200 7050	9.63 (31.6)
-3.0m (-10.0ft)	kg lb	*14530 *32030	*14530 *32030	*18410 *40590	*18410 *40590	*16100 *35490	10510 23170	11050 24360	6600 14550	7700 16980	4670 10300			6240 13760	3840 8470	8.74 (28.7)
-4.5m (-15.0ft)	kg lb			*20220 *44580	*20220 *44580	*14270 *31460	10790 23790	*10560 *23280	6780 14950					*6880 *15170	5250 11570	7.37 (24.2)
-6.0m (-20.0ft)	kg lb					*10450 *23040	*10450 *23040									

- 5) 6.45m(21' 2") boom, 4.05m(13' 3") arm equipped with 1.44m³(PCSA heaped) bucket and 600mm (24") triple grouser shoe.

Load point height		Load radius												At max. reach		
		1.5m(5.0ft)		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													*4760 *10490	3440 7580	10.00 (32.8)
6.0m (20.0ft)	kg lb											*4160 *9170	*4160 *9170	4700 10360	2890 6370	10.71 (35.1)
4.5m (15.0ft)	kg lb									*5710 *12590	*5710 *12590	*5320 *11730	4030 8880	4270 9410	2570 5670	11.13 (36.5)
3.0m (10.0ft)	kg lb			*16820 *37080	*16820 *37080	*10330 *22770	*10330 *22770	*7880 *17370	*7880 *17370	*6640 *14640	5380 11860	*5940 *13100	3830 8440	4050 8930	2390 5270	11.32 (37.1)
1.5m (5.0ft)	kg lb			*9930 *21890	*9930 *21890	*13560 *29890	11450 25240	*9590 *21140	7260 16010	*7630 *16820	5030 11090	5940 13100	3630 8000	4000 8820	2340 5160	11.29 (37.0)
Ground Line	kg lb			*10280 *22660	*10280 *22660	*15690 *34590	10640 23460	*10950 *24140	6770 14930	7790 17170	4730 10430	5750 12680	3460 7630	4120 9080	2410 5310	11.03 (36.2)
-1.5m (-5.0ft)	kg lb	*9390 *20700	*9390 *20700	*12710 *28020	*12710 *28020	*16580 *36550	10290 22690	10950 24140	6490 14310	7580 16710	4540 10010	5630 12410	3350 7390	4450 9810	2620 5780	10.52 (34.5)
-3.0m (-10.0ft)	kg lb	*12370 *27270	*12370 *27270	*16100 *35490	*16100 *35490	*16450 *36270	10230 22550	10840 23900	6400 14110	7500 16530	4480 9880	5620 12390	3340 7360	5110 11270	3060 6750	9.72 (31.9)
-4.5m (-15.0ft)	kg lb	*15810 *34860	*15810 *34860	*20640 *45500	*20640 *45500	*15320 *33770	10390 22910	10930 24100	6470 14260	7590 16730	4550 10030			*6410 *14130	3940 8690	8.53 (28.0)
-6.0m (-20.0ft)	kg lb			*18370 *40500	*18370 *40500	*12770 *28150	10780 23770	*9220 *20330	6760 14900					*6150 *13560	6120 13490	6.71 (22.0)