

5. LIFTING CAPACITIES

1) 7.20m(23' 7") boom, 2.95m(9' 8") arm equipped with 4.53m³(SAE heaped) bucket, 700mm (28") double grouser shoe and 12,500kg(27,560lb) 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)		9.0m(30.0ft)		Capacity		Reach
														m(ft)
9.0m (30.0ft)	kg lb											*13830 *30490	13730 30270	9.35 (30.7)
7.5m (25.0ft)	kg lb									*9650 *21270	*9650 *21270	*13080 *28840	11020 24290	10.28 (33.7)
6.0m (20.0ft)	kg lb							*17760 *39150	*17760 *39150	*15250 *33620	14270 31460	*12600 *27780	9500 20940	10.88 (35.7)
4.5m (15.0ft)	kg lb			*33390 *73610	*33390 *73610	*24130 *53200	*24130 *53200	*19090 *42090	*19090 *42090	*15860 *34970	13800 30420	*12240 *26980	8650 19070	11.22 (36.8)
3.0m (10.0ft)	kg lb			*37640 *82980	*37640 *82980	*26390 *58180	*26390 *58180	*20280 *44710	18440 40650	*16400 *36160	13240 29190	*11890 *26210	8270 18230	11.31 (37.1)
1.5m (5.0ft)	kg lb			*36800 *81130	*36800 *81130	*27380 *60360	25490 56200	*20880 *46030	17520 38620	*16570 *36530	12720 28040	*11450 *25240	8310 18320	11.18 (36.7)
Ground Line	kg lb			*35530 *78330	*35530 *78330	*26750 *58970	24570 54170	*20540 *45280	16880 37210	*16070 *35430	12340 27210	*10800 *23810	8800 19400	10.80 (35.4)
-1.5m (-5.0ft)	kg lb	*32460 *71560	*32460 *71560	*31440 *69310	*31440 *69310	*24540 *54100	24230 53420	*19020 *41930	16580 36550	*14500 *31970	12170 26830	*9670 *21320	*9670 *21320	10.14 (33.3)
-3.0m (-10.0ft)	kg lb	*29280 *64550	*29280 *64550	*25700 *56660	*25700 *56660	*20650 *45530	*20650 *45530	*15910 *35080	*15910 *35080			*7550 *16640	*7550 *16640	9.15 (30.0)
-4.5m (-15.0ft)	kg lb			*17680 *38980	*17680 *38980	*14480 *31920	*14480 *31920							

- 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) 8.05m(26' 5") boom, 3.40m(11' 2") arm equipped with 3.4m³(SAE heaped) bucket, 700mm (28") double grouser shoe and 12,500kg(27,560lb) 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)
10.5m (35.0ft)	kg lb													*11350 *25020	*11350 *25020	9.61 (31.5)
9.0m (30.0ft)	kg lb													*10840 *23900	*10840 *23900	10.76 (35.3)
7.5m (25.0ft)	kg lb									*12650 *27890	*12650 *27890			*10590 *23350	9140 20150	11.56 (37.9)
6.0m (20.0ft)	kg lb									*13400 *29540	*13400 *29540	*11780 *25970	10920 24070	*10470 *23080	8020 17680	12.09 (39.7)
4.5m (15.0ft)	kg lb			*31100 *68560	*31100 *68560	*21890 *48260	*21890 *48260	*17200 *37920	*17200 *37920	*14330 *31590	14240 31390	*12390 *27320	10540 23240	*10430 *22990	7350 16200	12.39 (40.6)
3.0m (10.0ft)	kg lb					*24560 *54150	*24560 *54150	*18750 *41340	18410 40590	*15230 *33580	13470 29700	*12860 *28350	10100 22270	*10430 *22990	7010 15450	12.47 (40.9)
1.5m (5.0ft)	kg lb					*26100 *57540	24700 54450	*19830 *43720	17290 38120	*15900 *35050	12770 28150	*13180 *29060	9680 21340	*10430 *22990	6960 15340	12.35 (40.5)
Ground Line	kg lb			*28910 *63740	*28910 *63740	*26300 *57980	23680 52210	*20210 *44560	16510 36400	*16130 *35560	12240 26980	*13160 *29010	9340 20590	*10360 *22840	7230 15940	12.02 (39.4)
-1.5m (-5.0ft)	kg lb	*25600 *56440	*25600 *56440	*32870 *72470	*32870 *72470	*25320 *55820	23260 51280	*19770 *43590	16080 35450	*15750 *34720	11910 26260	*12580 *27730	9160 20190	*10150 *22380	7890 17390	11.44 (37.5)
-3.0m (-10.0ft)	kg lb	*33670 *74230	*33670 *74230	*29490 *65010	*29490 *65010	*23270 *51300	23260 51280	*18390 *40540	15970 35210	*14550 *32080	11820 26060			*9610 *21190	9180 20240	10.59 (34.7)
-4.5m (-15.0ft)	kg lb	*29990 *66120	*29990 *66120	*24760 *54590	*24760 *54590	*19940 *43960	*19940 *43960	*15790 *34810	*15790 *34810					*8300 *18300	*8300 *18300	9.37 (30.7)
-6.0m (-20.0ft)	kg lb			*17990 *39660	*17990 *39660	*14730 *32470	*14730 *32470	*11080 *24430	*11080 *24430							

3) 8.20m(26' 11") boom, 3.60m(11' 10") arm equipped with 3.4m³(SAE heaped) bucket, 700mm (28") double grouser shoe and 12,500kg(27,560lb) 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)
10.5m (35.0ft)	kg lb													*10590 *23350	*10590 *23350	9.96 (32.7)
9.0m (30.0ft)	kg lb													*10140 *22350	*10140 *22350	11.06 (36.3)
7.5m (25.0ft)	kg lb									*12080 *26630	*12080 *26630	*9090 *20040	*9090 *20040	*9910 *21850	8590 18940	11.84 (38.8)
6.0m (20.0ft)	kg lb									*12840 *28310	*12840 *28310	*11380 *25090	10840 23900	*9820 *21650	7530 16600	12.36 (40.6)
4.5m (15.0ft)	kg lb			*30160 *66490	*30160 *66490	*21170 *46670	*21170 *46670	*16570 *36530	*16570 *36530	*13770 *30360	*13770 *30360	*11870 *26170	10400 22930	*9790 *21580	6870 15150	12.65 (41.5)
3.0m (10.0ft)	kg lb					*23800 *52470	*23800 *52470	*18100 *39900	18080 39860	*14670 *32340	13210 29120	*12370 *27270	9900 21830	*9800 *21610	6530 14400	12.73 (41.8)
1.5m (5.0ft)	kg lb					*25350 *55890	24140 53220	*19190 *42310	16880 37210	*15350 *33840	12450 27450	*12720 *28040	9430 20790	*9820 *21650	6460 14240	12.61 (41.4)
Ground Line	kg lb			*27180 *59920	*27180 *59920	*25610 *56460	23050 50820	*19610 *43230	16040 35360	*15630 *34460	11870 26170	*12770 *28150	9050 19950	*9790 *21580	6670 14700	12.28 (40.3)
-1.5m (-5.0ft)	kg lb	*24050 *53020	*24050 *53020	*32290 *71190	*32290 *71190	*24740 *54540	22580 49780	*19260 *42460	15570 34330	*15350 *33840	11510 25380	*12340 *27210	8830 19470	*9650 *21270	7260 16010	11.72 (38.5)
-3.0m (-10.0ft)	kg lb	*31460 *69360	*31460 *69360	*29120 *64200	*29120 *64200	*22860 *50400	22560 49740	*18050 *39790	15430 34020	*14330 *31590	11400 25130			*9230 *20350	8400 18520	10.90 (35.8)
-4.5m (-15.0ft)	kg lb	*30290 *66780	*30290 *66780	*24710 *54480	*24710 *54480	*19820 *43700	*19820 *43700	*15740 *34700	15610 34410	*12170 *26830	11560 25490			*8200 *18080	*8200 *18080	9.72 (31.9)
-6.0m (-20.0ft)	kg lb			*18500 *40790	*18500 *40790	*15160 *33420	*15160 *33420	*11720 *25840	*11720 *25840							