

5. LIFTING CAPACITIES

1) R300LC-7

(1) 6.25m(20' 6") boom, 2.10m(6' 11") arm equipped with 1.16m³(SAE heaped) rock bucket, 600mm (24") triple grouser shoe and 4900kg(10,800lb) counterweight.

-  : Rating over-front
-  : Rating over-side or 360 degree

Load point height		Load radius								At max. reach		
		3.0m(10ft)		4.5m(15ft)		6.0m(20ft)		7.5m(25ft)		Capacity		Reach
												m(ft)
7.5m (25ft)	kg lb					*5520 *12170	*5520 *12170			*5040 *11110	4210 9280	8.01 (26.3)
6.0m (20ft)	kg lb					*5850 *12900	*5850 *12900	*5650 *12460	4590 10120	*5120 *11290	3320 7320	8.90 (29.2)
4.5m (15ft)	kg lb			*8690 *19160	*8690 *19160	*6790 *14970	6650 14660	*5960 *13140	4460 9830	4910 10820	2860 6310	9.42 (30.9)
3.0m (10ft)	kg lb			*11380 *25090	9630 21230	*8010 *17660	6170 13600	*6550 *14440	4240 9350	4620 10190	2650 5840	9.64 (31.6)
1.5m (5ft)	kg lb			*13230 *29170	8920 19670	*9100 *20060	5770 12720	6920 15260	4030 8880	4610 10160	2630 5800	9.58 (31.4)
Ground Line	kg lb			*13760 *30340	8710 19200	9740 21470	5540 12210	6760 14900	3890 8580	4890 10780	2800 6170	9.23 (30.3)
-1.5m (-5ft)	kg lb	*13670 *30140	*13670 *30140	*13470 *29700	8740 19270	9670 21320	5480 12080	6730 18480	3870 8530	5580 12300	3240 7140	8.57 (28.1)
-3.0m (-10ft)	kg lb	*17250 *38030	*17250 *38030	*12420 *27380	8930 19690	*9180 *20240	5590 12320			*5920 *13050	4230 9330	7.47 (24.5)
-4.5m (-15ft)	kg lb	*13850 *30530	*13850 *30530	*10060 *22180	9350 20610							

- 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) 6.25m(20' 6") boom, 2.50m(8' 2") arm equipped with 1.16m³(SAE heaped) rock bucket, 600mm (24") triple grouser shoe and 4900kg(10,800lb) counterweight.

Load point height		Load radius										At max. reach		
		1.5m(5ft)		3.0m(10ft)		4.5m(15ft)		6.0m(20ft)		7.5m(25ft)		Capacity		Reach
														m(ft)
7.5m (25ft)	kg lb											*4630 *10210	3970 8750	8.34 (27.4)
6.0m (20ft)	kg lb									*5230 *11530	4690 10340	*4770 *10520	3170 6990	9.19 (30.2)
4.5m (15ft)	kg lb					*7930 *17480	*7930 *17480	*6370 *14040	*6370 *14040	*5630 *12410	4530 9990	4710 10380	2740 6040	9.69 (31.8)
3.0m (10ft)	kg lb					*10630 *23440	9900 21830	*7630 *16820	6280 13850	*6270 *13820	4290 9460	4430 9770	2540 5600	9.90 (32.5)
1.5m (5ft)	kg lb					*12750 *28110	9070 20000	*8820 *19440	5840 12870	*6930 *15280	4060 8950	4410 9720	2500 5510	9.84 (32.3)
Ground Line	kg lb					*13660 *30120	8740 19270	*9600 *21160	5560 12260	6770 14930	3900 8600	4640 10230	2640 5820	9.51 (31.2)
-1.5m (-5ft)	kg lb			*14590 *32170	*14590 *32170	*13630 *30050	8690 19160	9650 21270	5460 12040	6700 14770	3830 8440	5230 11530	3010 6640	8.87 (29.1)
-3.0m (-10ft)	kg lb	*16480 *36330	*16480 *36330	*18380 *40520	*18380 *40520	*12830 *28290	8830 19470	*9420 *20770	5520 12170			*6050 *13340	3840 8470	7.82 (25.7)
-4.5m (-15ft)	kg lb			*15310 *33750	*15310 *33750	*10900 *24030	9170 20220							

(3) 6.25m(20' 6") boom, 3.05m(10' 0") arm equipped with 1.16m³(SAE heaped) rock bucket, 600mm (24") triple grouser shoe and 4900kg(10,800lb) counterweight.

Load point height		Load radius												At max. reach		
		1.5m(5ft)		3.0m(10ft)		4.5m(15ft)		6.0m(20ft)		7.5m(25ft)		9.0m(30ft)		Capacity		Reach
																m(ft)
7.5m (25ft)	kg lb													*4200 *9260	3490 7690	8.94 (29.3)
6.0m (20ft)	kg lb									*4670 *10300	*4670 *10300			*4340 *9570	2830 6240	9.74 (32.0)
4.5m (15ft)	kg lb							*5710 *12590	*5710 *12590	*5140 *11330	4590 10120			4280 9440	2460 5420	10.20 (33.5)
3.0m (10ft)	kg lb			*10140 *22350	*10140 *22350	*9560 *21080	*9560 *21080	*7030 *15500	6360 14020	*5840 *12870	4320 9520	*3920 *8640	3040 6700	4040 8910	2280 5030	10.40 (34.1)
1.5m (5ft)	kg lb					*11960 *26370	9230 20350	*8320 *18340	5880 12960	*6570 *14480	4060 8950	*4690 *10340	2900 6390	4010 8840	2240 4940	10.35 (34.0)
Ground Line	kg lb			*9810 *21630	*9810 *21630	*13290 *29300	8730 19250	*9280 *20460	5540 12210	6730 14840	3860 8510	*4100 *9040	2800 6170	4190 9240	2340 5160	10.04 (32.9)
-1.5m (-5ft)	kg lb	*10600 *23370	*10600 *23370	*13690 *30180	*13690 *30180	*13630 *30050	8580 18920	9560 21080	5380 11860	6610 14570	3750 8270			4650 10250	2630 5800	9.44 (31.0)
-3.0m (-10ft)	kg lb	*14280 *31480	*14280 *31480	*18410 *40590	18400 40570	*13150 *28990	8640 19050	9560 21080	5380 11860	6630 14620	3770 8310			5640 12430	3260 7190	8.48 (27.8)
-4.5m (-15ft)	kg lb	*18610 *41030	*18610 *41030	*16890 *37240	*16890 *37240	*11690 *25770	8900 19620	*8480 *18700	5560 12260					*5700 *12570	4740 10450	6.97 (22.9)

(4) 6.25m(20' 6") boom, 3.75m(12' 4") arm equipped with 1.16m³(SAE heaped) rock bucket, 600mm (24") triple grouser shoe and 4900kg(10,800lb) counterweight.

Load point height		Load radius												At max. reach		
		1.5m(5ft)		3.0m(10ft)		4.5m(15ft)		6.0m(20ft)		7.5m(25ft)		9.0m(30ft)		Capacity		Reach
																m(ft)
7.5m (25ft)	kg lb													*3670 *8090	2970 6550	9.67 (31.7)
6.0m (20ft)	kg lb									*3920 *8640	*3920 *8640	*2140 *4720	*2140 *4720	*3830 *8440	2440 5380	10.40 (34.1)
4.5m (15ft)	kg lb									*4460 *9830	*4460 *9830	*3490 *7690	3210 7080	3820 8420	2140 4720	10.83 (35.5)
3.0m (10ft)	kg lb			*13220 *29150	*13220 *29150	*8070 *17790	*8070 *17790	*6160 *13580	*6160 *13580	*5220 *11510	4390 9680	*4520 *9960	3060 6750	3610 7960	1980 4370	11.02 (36.2)
1.5m (5ft)	kg lb			*10220 *22530	*10220 *22530	*10780 *23770	9550 21050	*7590 *16730	6000 13230	*6040 *13320	4090 9020	5080 11200	2900 6390	3570 7870	1930 4250	10.97 (36.0)
Ground Line	kg lb	*6690 *14750	*6690 *14750	*10540 *23240	*10540 *23240	*12610 *27800	8840 19490	*8760 *19310	5580 12300	6730 14840	3850 8490	4930 10870	2760 6080	3700 8160	2000 4410	10.68 (35.0)
-1.5m (-5ft)	kg lb	*9530 *21010	*9530 *21010	*13000 *28660	*13000 *28660	*13440 *29630	8530 18810	*9460 *20860	5340 11770	6550 14440	3690 8140	4840 10670	2670 5890	4050 8930	2220 4890	10.12 (33.2)
-3.0m (-10ft)	kg lb	*12520 *27600	*12520 *27600	*16480 *36330	*16480 *36330	*13400 *29540	8490 18720	9440 20810	5260 11600	6500 14330	3640 8020			4770 10520	2680 5910	9.25 (30.3)
-4.5m (-15ft)	kg lb	*15980 *35230	*15980 *35230	*18640 *41090	18450 40680	*12490 *27540	8640 19050	*9050 *19950	5340 11770					*5520 *12170	3660 8070	7.92 (26.0)

2) R300LC-7 LONG REACH

- (1) 10.2m(33' 6") boom, 7.85m(25' 9") arm equipped with 0.52m³(SAE heaped) bucket and 800mm (32") triple grouser shoe and 7000kg(15,430lb) counterweight.

-  : Rating over-front
-  : Rating over-side or 360 degree

Load point height m(ft)		Load radius										At max. reach		
		3.0m(10.0ft)		6.0m(20.0ft)		9.0m(30.0ft)		12.0m(40.0ft)		15.0m(50.0ft)		Capacity		Reach
														m(ft)
12.0m (40.0ft)	kg lb											*1630 *3590	*1630 *3590	15.27 (50.1)
9.0m (30.0ft)	kg lb									*1420 *3130	*1420 *3130	*1690 *3730	1600 3530	16.89 (55.4)
6.0m (20.0ft)	kg lb									*1830 *4030	*1830 *4030	*1790 *3950	1310 2890	17.83 (58.5)
3.0m (10.0ft)	kg lb					*3000 *6610	*3000 *6610	*2390 *5270	*2390 *5270	*2080 *4590	1830 4030	*1920 *4230	1150 2540	18.20 (59.7)
Ground Line	kg lb	*3780 *8330	*3780 *8330	*6710 *14790	*6710 *14790	*4000 *8820	3900 8600	*2920 *6440	2480 5470	*2380 *5250	1630 3590	2070 4560	1100 2430	18.04 (59.2)
-3.0m (-10.0ft)	kg lb	*5080 *11200	*5080 *11200	*7970 *17570	5900 13010	*4770 *10520	3370 7430	*3370 *7430	2190 4830	*2630 *5800	1480 3260	2170 4780	1140 2510	17.33 (56.9)
-6.0m (-20.0ft)	kg lb	*6810 *15010	*6810 *15010	*8310 *18320	5710 12590	*5150 *11350	3160 6970	*3630 *8000	2050 4520	*2550 *5620	1430 3150	2470 5450	1330 2930	15.99 (52.5)
-9.0m (-30.0ft)	kg lb	*8960 *19750	*8960 *19750	*7890 *17390	5920 13050	*5050 *11130	3210 7080	*3520 *7760	2100 4630			*2800 *6170	1800 3970	13.83 (45.4)
-12.0m (-40.0ft)	kg lb	*11900 *26230	*11900 *26230	*6420 *14150	*6420 *14150	*4120 *9080	3560 7850							

- 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.