

5. LIFTING CAPACITIES

1) R290LC-7H

(1) 6.25m(20' 6") boom, 2.10m(6' 11") arm equipped with 1.27m³(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(10ft)		4.5m(15ft)		6.0m(20ft)		7.5m(25ft)		Capacity		Reach
												m(ft)
7.5m (25ft)	kg lb					*5760 *12700	*5760 *12700			*5290 *11660	4580 10100	8.01 (26.3)
6.0m (20ft)	kg lb					*6090 *13430	*6090 *13430	*5900 *13010	4950 10910	*5380 *11860	3670 8090	8.90 (29.2)
4.5m (15ft)	kg lb			*8940 *19710	*8940 *19710	*7040 *15520	*7040 *15520	*6210 *13690	4820 10630	5270 11620	3200 7050	9.42 (30.9)
3.0m (10ft)	kg lb			*11660 *25710	10180 22440	*8270 *18230	6600 14550	*6800 *14990	4610 10160	4990 11000	2990 6590	9.64 (31.6)
1.5m (5ft)	kg lb			*13520 *29810	9490 20920	*9370 *20660	6210 13690	7330 16160	4400 9700	4980 10980	2970 6550	9.58 (31.4)
Ground Line	kg lb			*14060 *31000	9290 20480	*10020 *22090	5980 13180	7180 15830	4270 9410	5260 11600	3140 6920	9.23 (30.3)
-1.5m (-5ft)	kg lb	*13470 *29700	*13470 *29700	*13770 *30360	9310 20530	*10110 *22290	5920 13050	7150 15760	4240 9350	5970 13160	3590 7910	8.57 (28.1)
-3.0m (-10ft)	kg lb	*17570 *38740	*17570 *38740	*12710 *28020	9480 20900	*9440 *20810	6020 13270			*6180 *13620	4610 10160	7.47 (24.5)
-4.5m (-15ft)	kg lb	*14150 *31200	*14150 *31200	*10330 *22770	9880 21780							

- 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 1.27m³(PCSA heaped) bucket and 600mm (24") triple grouser shoe.

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											*4880 *10760	4330 9550	8.34 (27.4)
6.0m (20ft)	kg lb									*5470 *12060	5060 11160	*5020 *11070	3510 7740	9.19 (30.2)
4.5m (15ft)	kg lb					*8180 18030	*8180 *18030	*6610 *14570	*6610 *14570	*5880 *12960	4900 10800	5070 11180	3080 6790	9.69 (31.8)
3.0m (10ft)	kg lb					*10910 *24050	10440 23020	*7890 *17390	6700 14770	*6530 *14400	4660 10270	4790 10560	2870 6330	9.90 (32.5)
1.5m (5ft)	kg lb					*13040 *28750	9630 21230	*9080 *20020	6270 13820	*7190 *15850	4430 9770	4770 10520	2840 6260	9.84 (32.3)
Ground Line	kg lb					*13950 *30750	9310 20530	9870 *21760	6000 13230	7180 15830	4270 9410	5000 11020	2980 6570	9.51 (31.2)
-1.5m (-5ft)	kg lb			*14370 *31680	*14370 *31680	*13930 *30710	9260 20410	*10120 *22310	5900 13010	7110 15670	4210 9280	5610 12370	3360 7410	8.87 (29.1)
-3.0m (-10ft)	kg lb	*16270 *35870	*16270 *35870	*18700 *41230	*18700 *41230	*13110 *28900	9390 20700	*9690 *21360	5950 13120			*6310 *13910	4210 9280	7.82 (25.7)
-4.5m (-15ft)	kg lb			*15620 *34440	*15620 *34440	*11170 *24630	9720 21430							

(3) 6.25m(20' 6") boom, 3.05m(10' 0") arm equipped with 1.27m³(PCSA heaped) bucket and 600mm (24") triple grouser shoe.

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													*4460 *9830	3830 8440	8.94 (29.3)
6.0m (20ft)	kg lb									*4910 *10820	*4910 *10820			*4600 *10140	3160 6970	9.74 (32.0)
4.5m (15ft)	kg lb							*5960 *13140	*5960 *13140	*5390 *11880	4950 10910			4640 10230	2790 6150	10.20 (33.5)
3.0m (10ft)	kg lb			*9910 *21850	*9910 *21850	*9820 *21650	*9820 *21650	*7280 *16050	6780 14950	*6090 *13430	4690 10340	*4140 *9130	3380 7450	4400 9700	2610 5750	10.40 (34.1)
1.5m (5ft)	kg lb					*12250 *27010	9780 21560	*8590 *18940	6310 13910	*6830 *15060	4430 9770	*4900 *10800	3240 7140	4360 9610	2560 5640	10.35 (34.0)
Ground Line	kg lb			*9590 *21140	*9590 *21140	*13580 *29940	9290 20480	*9550 *21050	5980 13180	7150 15760	4230 9330	*4310 *9500	3140 6920	4550 10030	2670 5890	10.04 (32.9)
-1.5m (-5ft)	kg lb	*10390 *22910	*10390 *22910	*13470 *29700	*13470 *29700	*13920 *30690	9140 20150	*10000 *22050	5820 12830	7030 15500	4130 9110			5020 11070	2970 6550	9.44 (31.0)
-3.0m (-10ft)	kg lb	*14060 *31000	*14060 *31000	*18180 *40080	*18180 *40080	*13440 *29630	9200 20280	9830 21670	5810 12810	7050 15540	4150 9150			*5980 *13180	3610 7960	8.48 (27.8)
-4.5m (-15ft)	kg lb	*18380 *40520	*18380 *40520	*17190 *37900	*17190 *37900	*11970 *26390	9450 20830	*8750 *19290	5990 13210					*5960 *13140	5120 11290	6.97 (22.9)

(4) 6.25m(20' 6") boom, 3.75m(12' 4") arm equipped with 1.27m³(PCSA heaped) bucket and 600mm (24") triple grouser shoe.

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													*3930 *8660	3310 7300	9.67 (31.7)
6.0m (20ft)	kg lb									*4160 *9170	*4160 *9170	*2370 *5220	*2370 *5220	*4090 *9020	2770 6110	10.40 (34.1)
4.5m (15ft)	kg lb									*4710 *10380	*4710 *10380	*3720 *8200	3550 7830	4160 9170	2460 5420	10.83 (35.5)
3.0m (10ft)	kg lb			*13490 *29740	*13490 *29740	*8320 *18340	*8320 *18340	*6410 *14130	*6410 *14130	*5470 *12060	4760 10490	*4740 *10450	3400 7500	3950 8710	2300 5070	11.02 (36.2)
1.5m (5ft)	kg lb			*9980 *22000	*9980 *22000	*11050 *24360	10090 22240	*7850 *17310	6420 14150	*6300 *13890	4470 9850	*5440 *11990	3240 7140	3920 8640	2260 4980	10.97 (36.0)
Ground Line	kg lb	*6470 *14260	*6470 *14260	*10300 *22710	*10300 *22710	*12890 *28420	9400 20720	*9020 *19890	6010 13250	*7030 *15500	4220 9300	5300 11680	3100 6830	4050 8930	2330 5140	10.68 (35.0)
-1.5m (-5ft)	kg lb	*9310 *20530	*9310 *20530	*12760 *28130	*12760 *28130	*13720 *30250	9090 20040	*9730 *21450	5770 12720	6970 15370	4070 8970	5210 11490	3020 6660	4410 9720	2560 5640	10.12 (33.2)
-3.0m (-10ft)	kg lb	*12290 *27090	*12290 *27090	*16240 *35800	*16240 *35800	*13690 *30180	9040 19930	*9880 *21780	5700 12570	6920 15260	4020 8360			5140 11330	3030 6680	9.25 (30.3)
-4.5m (-15ft)	kg lb	*15740 *34700	*15740 *34700	*18940 *41760	18940 41760	*12770 *28150	9190 20260	*9310 *20530	5780 12740					*5780 *12740	4030 8880	7.92 (26.0)