











5. LIFTING CAPACITIES

1) ROBEX 480LC-9

(1) 6.55 m (21' 6") boom, 2.40 m (7' 10") arm equipped with 2.15 m³ (SAE heaped) bucket and 600 mm (24") triple grouser shoe and 9200 kg (20280 lb) counterweight.














•  : Rating over-front

•  : Rating over-side or 360 degree
















Load point height		Load radius								At max. reach		
		3.0 m (10.0 ft)		4.5 m (15.0 ft)		6.0 m (20.0 ft)		7.5 m (25.0 ft)		Capacity		Reach m (ft)
												
6.0 m (20.0 ft)	kg lb					*12480 *27510	*12480 *27510	*11020 *24290	9310 20530	*9470 *20880	6570 14480	9.15 (30.0)
4.5 m (15.0 ft)	kg lb			*18440 *40650	*18440 *40650	*13960 *30780	13040 28750	*11650 *25680	9010 19860	*9440 *20810	5790 12760	9.65 (31.7)
3.0 m (10.0 ft)	kg lb					*15580 *34350	12220 26940	*12420 *27380	8610 18980	*9470 *20880	5410 11930	9.86 (32.3)
1.5 m (5.0 ft)	kg lb					*16700 *36820	11550 25460	*13000 *28660	8240 18170	*9510 *20970	5340 11770	9.80 (32.2)
Ground Line	kg lb			*22790 *50240	17330 38210	*16900 *37260	11170 24630	*13090 *28860	8000 17640	*9480 *20900	5590 12320	9.47 (31.1)
-1.5 m (-5.0 ft)	kg lb	*25320 *55820	*25320 *55820	*20990 *46270	17370 38290	*16060 *35410	11060 24380	*12360 *27250	7920 17460	*9240 *20370	6280 13850	8.83 (29.0)
-3.0 m (-10.0 ft)	kg lb	*21780 *48020	*21780 *48020	*17910 *39480	17670 38960	*13920 *30690	11190 24670			*8390 *18500	7800 17200	7.79 (25.6)
-4.5 m (-15.0 ft)	kg lb			*12770 *28150	*12770 *28150							

- 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) 7.06 m (23' 2") boom, 3.38 m (11' 1") arm equipped with 2.15 m³ (SAE heaped) bucket and 600 mm (24") triple grouser shoe and 9200 kg (20280 lb) counterweight.

Load point height		Load radius										At max. reach		
		3.0 m (10.0 ft)		4.5 m (15.0 ft)		6.0 m (20.0 ft)		7.5 m (25.0 ft)		9.0 m (30.0 ft)		Capacity		Reach
														
6.0 m (20.0 ft)	kg							*9220	*9220	*8240	6740	*7490	4800	10.75
	lb							*20330	*20330	*18170	14860	*16510	10580	(35.3)
4.5 m (15.0 ft)	kg					*12140	*12140	*10130	9050	*8910	6530	*7530	4320	11.17
	lb					*26760	*26760	*22330	19950	*19640	14400	*16600	9520	(36.6)
3.0 m (10.0 ft)	kg			*19830	18930	*14060	12170	*11170	8540	*9450	6260	7470	4070	11.35
	lb			*43720	41730	*31000	26830	*24630	18830	*20830	13800	16470	8970	(37.2)
1.5 m (5.0 ft)	kg			*22320	17460	*15610	11360	*12080	8080	*9940	5990	7420	4010	11.30
	lb			*49210	38490	*34410	25040	*26630	17810	*21910	13210	16360	8840	(37.1)
Ground Line	kg			*22800	16860	*16390	10850	*12610	7730	*10190	5790	7670	4140	11.02
	lb			*50270	37170	*36130	23920	*27800	17040	*22470	12760	16910	9130	(36.2)
-1.5 m (-5.0 ft)	kg	*18070	*18070	*21950	16730	*16290	10610	*12600	7550	*10010	5680	*7770	4500	10.49
	lb	*39840	*39840	*48390	36880	*35910	23390	*27780	16640	*22070	12520	*17130	9920	(34.4)
-3.0 m (-10.0 ft)	kg	*24350	*24350	*20080	16870	*15280	10610	*11850	7530			*7590	5240	9.66
	lb	*53680	*53680	*44270	37190	*33690	23390	*26120	16600			*16730	11550	(31.7)
-4.5 m (-15.0 ft)	kg	*22100	*22100	*16990	*16990	*13120	10820	*9890	7710			*6910	6720	8.43
	lb	*48720	*48720	*37460	*37460	*28920	23850	*21800	17000			*15230	14820	(27.7)
-6.0 m (-20.0 ft)	kg			*11930	*11930	*8900	*8900							
	lb			*26300	*26300	*19620	*19620							











(3) 9.0 m (29' 6") boom, 5.85 m (19' 2") arm equipped with 1.38 m³ (SAE heaped) bucket and 600 mm (24") triple grouser shoe and 10700 kg (23590 lb) counterweight.

Load point height		Load radius										At max. reach				
		3.0 m (10.0 ft)		5.0 m (15.0 ft)		7.0 m (25.0 ft)		9.0 m (30.0 ft)		11.0 m (35.0 ft)		13.0 m (45.0 ft)		Capacity		Reach
																
10.0 m (35.0 ft)	kg													*4310	3590	13.54
	lb													*9500	7910	(44.4)
8.0 m (25.0 ft)	kg											*2660	*2660	*4240	2910	14.55
	lb											*5860	*5860	*9350	6420	(47.7)
6.0 m (20.0 ft)	kg									*5190	*5190	*4250	3640	*4230	2490	15.20
	lb									*11440	*11440	*9370	8020	*9330	5490	(49.9)
4.0 m (15.0 ft)	kg							*6800	*6800	*5710	4950	*4990	3450	*4270	2240	15.55
	lb							*14990	*14990	*12590	10910	*11000	7610	*9410	4940	(51.0)
2.0 m (5.0 ft)	kg			*16010	16000	*10420	9730	*7780	6520	*6260	4560	*5280	3230	*4320	2110	15.61
	lb			*35300	35270	*22970	21450	*17150	14370	*13800	10050	*11640	7120	*9520	4650	(51.2)
Ground Line	kg			*16790	14290	*11730	8750	*8570	5940	*6720	4210	*5510	3020	*4390	2110	15.38
	lb			*37020	31500	*25860	19290	*18890	13100	*14820	9280	*12150	6660	*9680	4650	(50.5)
-2.0 m (-5.0 ft)	kg	*10920	*10920	*17330	13650	*12300	8170	*9000	5540	*6970	3950	*5550	2880	*4450	2250	14.87
	lb	*24070	*24070	*38210	30090	*27120	18010	*19840	12210	*15370	8710	*12240	6350	*9810	4960	(48.8)
-4.0 m (-15.0 ft)	kg	*14070	*14070	*17370	13550	*12100	7950	*8940	5340	*6850	3820	*4730	2830	*4450	2560	14.02
	lb	*31020	*31020	*38290	29870	*26680	17530	*19710	11770	*15100	8420	*10430	6240	*9810	5640	(46.0)
-6.0 m (-20.0 ft)	kg	*17730	*17730	*15490	13780	*11110	7980	*8260	5340	*6160	3850			*4320	3160	12.76
	lb	*39090	*39090	*34150	30380	*24490	17590	*18210	11770	*13580	8490			*9520	6970	(41.9)
-8.0 m (-25.0 ft)	kg	*17880	*17880	*12400	*12400	*9090	8270	*6620	5560					*3820	*3820	10.94
	lb	*39420	*39420	*27340	*27340	*20040	18230	*14590	12260					*8420	*8420	(35.9)
-10.0 m (-35.0 ft)	kg					*5220	*5220									
	lb					*11510	*11510									

2) ROBEX 520LC-9













(1) 6.55 m (21' 6") boom, 2.40 m (7' 10") arm equipped with 2.15 m³ (SAE heaped) bucket and 600 mm (24") triple grouser shoe and 10200 kg (22490 lb) counterweight.

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















Load point height		Load radius								At max. reach		
		3.0 m (10.0 ft)		4.5 m (15.0 ft)		6.0 m (20.0 ft)		7.5 m (25.0 ft)		Capacity		Reach m (ft)
												
7.5 m (25.0 ft)	kg lb									*9680 *21340	9450 20830	8.27 (27.1)
6.0 m (20.0 ft)	kg lb					*12520 *27600	*12520 *27600	*10940 *24120	10930 24100	*9510 *20970	7850 17310	9.07 (29.8)
4.5 m (15.0 ft)	kg lb			*18820 *41490	*18820 *41490	*14060 *31000	*14060 *31000	*11610 *25600	10610 23390	*9480 *20900	7010 15450	9.53 (31.3)
3.0 m (10.0 ft)	kg lb					*15650 *34500	14440 31830	*12390 *27320	10200 22490	*9510 *20970	6620 14590	9.71 (31.9)
1.5 m (5.0 ft)	kg lb					*16660 *36730	13790 30400	*12920 *28480	9840 21690	*9540 *21030	6600 14550	9.62 (31.6)
Ground Line	kg lb			*22490 *49580	21060 46430	*16730 *36880	13430 29610	*12920 *28480	9610 21190	*9500 *20940	6960 15340	9.26 (30.4)
-1.5 m (-5.0 ft)	kg lb	*25000 *55120	*25000 *55120	*20550 *45300	*20550 *45300	*15740 *34700	13350 29430	*12050 *26570	9550 21050	*9220 *20330	7870 17350	8.59 (28.2)
-3.0 m (-10.0 ft)	kg lb	*20980 *46250	*20980 *46250	*17260 *38050	*17260 *38050	*13380 *29500	*13380 *29500			*8260 *18210	*8260 *18210	7.49 (24.6)
-4.5 m (-15.0 ft)	kg lb			*11720 *25840	*11720 *25840							

- 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) 7.06 m (23' 2") boom, 3.38 m (11' 1") arm equipped with 2.15 m³ (SAE heaped) bucket and 600 mm (24") triple grouser shoe and 10200 kg (22490 lb) counterweight.

Load point height		Load radius										At max. reach				
		3.0 m (10.0 ft)		4.5 m (15.0 ft)		6.0 m (20.0 ft)		7.5 m (25.0 ft)		9.0 m (30.0 ft)		Capacity		Reach		
															m (ft)	
7.5 m (25.0 ft)	kg													*7510	6700	10.00
	lb													*16560	14770	(32.8)
6.0 m (20.0 ft)	kg							*9190	*9190	*8380	7980	*7470	5810	10.66		
	lb							*20260	*20260	*18470	17590	*16470	12810	(35.0)		
4.5 m (15.0 ft)	kg			*16290	*16290	*12260	*12260	*10120	*10120	*8830	7750	*7510	5290	11.05		
	lb			*35910	*35910	*27030	*27030	*22310	*22310	*19470	17090	*16560	11660	(36.3)		
3.0 m (10.0 ft)	kg			*20110	*20110	*14150	*14150	*11160	10110	*9380	7470	*7590	5040	11.20		
	lb			*44330	*44330	*31200	*31200	*24600	22290	*20680	16470	*16730	11110	(36.7)		
1.5 m (5.0 ft)	kg			*22300	21040	*15600	13560	*12020	9640	*9840	7200	*7680	5000	11.13		
	lb			*49160	46390	*34390	29890	*26500	21250	*21690	15870	*16930	11020	(36.5)		
Ground Line	kg			*22570	20490	*16260	13060	*12490	9310	*10050	7000	*7750	5190	10.82		
	lb			*49760	45170	*35850	28790	*27540	20530	*22160	15430	*17090	11440	(35.5)		
-1.5 m (-5.0 ft)	kg	*19050	*19050	*21590	20400	*16040	12850	*12390	9130	*9790	6900	*7740	5670	10.26		
	lb	*42000	*42000	*47600	44970	*35360	28330	*27320	20130	*21580	15210	*17060	12500	(33.7)		
-3.0 m (-10.0 ft)	kg	*25420	*25420	*19580	*19580	*14900	12870	*11510	9130			*7520	6620	9.40		
	lb	*56040	*56040	*43170	*43170	*32850	28370	*25380	20130			*16580	14590	(30.8)		
-4.5 m (-15.0 ft)	kg	*21120	*21120	*16290	*16290	*12560	*12560	*9330	*9330			*6750	*6750	8.11		
	lb	*46560	*46560	*35910	*35910	*27690	*27690	*20570	*20570			*14880	*14880	(26.6)		
-6.0 m (-20.0 ft)	kg			*10870	*10870											
	lb			*23960	*23960											

(3) 9.0 m (29' 6") boom, 5.85 m (19' 2") arm equipped with 1.38 m³ (SAE heaped) bucket and 600 mm (24") triple grouser shoe and 10700 kg (23590 lb) counterweight.

Load point height		Load radius											At max. reach			
		3.0 m (10.0 ft)		5.0 m (15.0 ft)		7.0 m (25.0 ft)		9.0 m (30.0 ft)		11.0 m (35.0 ft)		13.0 m (45.0 ft)		Capacity		Reach
																m (ft)
10.0 m (35.0 ft)	kg													*4210	3970	13.66
	lb													*9280	8750	(44.8)
8.0 m (25.0 ft)	kg								*4750	*4750	*2800	*2800	*4140	3270	14.63	
	lb								*10470	*10470	*6170	*6170	*9130	7210	(48.0)	
6.0 m (20.0 ft)	kg								*5130	*5130	*4310	4110	*4130	2840	15.25	
	lb								*11310	*11310	*9500	9060	*9110	6260	(50.0)	
4.0 m (15.0 ft)	kg					*8700	*8700	*6790	*6790	*5650	5520	*4910	3900	*4170	2580	15.57
	lb					*19180	*19180	*14970	*14970	*12460	12170	*10820	8600	*9190	5690	(51.1)
2.0 m (5.0 ft)	kg			*16120	*16120	*10440	*10440	*7740	7260	*6190	5110	*5190	3670	*4230	2470	15.60
	lb			*35540	*35540	*23020	*23020	*17060	16010	*13650	11270	*11440	8090	*9330	5450	(51.2)
Ground Line	kg			*16710	16170	*11660	9800	*8490	6670	*6630	4760	*5400	3460	*4290	2490	15.35
	lb			*36840	35650	*25710	21610	*18720	14700	*14620	10490	*11900	7630	*9460	5490	(50.4)
-2.0 m (-5.0 ft)	kg	*11290	*11290	*17600	15570	*12130	9250	*8870	6270	*6840	4500	*5410	3320	*4340	2660	14.80
	lb	*24890	*24890	*38800	34330	*26740	20390	*19550	13820	*15080	9920	*11930	7320	*9570	5860	(48.6)
-4.0 m (-15.0 ft)	kg	*14480	*14480	*16990	15500	*11860	9040	*8750	6090	*6680	4380	*4170	3290	*4330	3030	13.91
	lb	*31920	*31920	*37460	34170	*26150	19930	*19290	13430	*14730	9660	*9190	7250	*9550	6680	(45.6)
-6.0 m (-20.0 ft)	kg	*18200	*18200	*15010	*15010	*10780	9100	*8000	6110	*5900	4430			*4180	3740	12.60
	lb	*40120	*40120	*33090	*33090	*23770	20060	*17640	13470	*13010	9770			*9220	8250	(41.3)
-8.0 m (-25.0 ft)	kg	*16860	*16860	*11770	*11770	*8630	*8630	*6210	*6210					*3610	*3610	10.71
	lb	*37170	*37170	*25950	*25950	*19030	*19030	*13690	*13690					*7960	*7960	(35.1)

(4) 10.0 m (32' 10") boom, 6.85 m (22' 6") arm equipped with 1.38 m³ (SAE heaped) bucket and 600 mm (24") triple grouser shoe and 11700 kg (25790 lb) counterweight.

Load point height	Load radius														At max. reach		
	3.0 m (10.0 ft)		5.0 m (15.0 ft)		7.0 m (25.0 ft)		9.0 m (30.0 ft)		11.0 m (35.0 ft)		13.0 m (45.0 ft)		15.0 m (50.0 ft)		Capacity	Reach	
																	m (ft)
10.0 m (35.0 ft)	kg																
	lb																
8.0 m (25.0 ft)	kg											*3340	*3340			*3040	2900
	lb											*7360	*7360			*6700	6390
6.0 m (20.0 ft)	kg											*3490	*3490	*2300	*2300	*3000	2420
	lb											*7690	*7690	*5070	*5070	*6610	5340
4.0 m (15.0 ft)	kg											*3740	*3740	*3300	3040	*2990	2100
	lb											*8250	*8250	*7280	6700	*6590	4630
2.0 m (5.0 ft)	kg							*5930	*5930	*4810	*4810	*4060	*4060	*3540	2870	*3020	1900
	lb							*13070	*13070	*10600	*10600	*8950	*8950	*7800	6330	*6660	4190
Ground Line	kg			*14880	*14880	*9450	*9450	*6850	*6850	*5360	5230	*4400	3750	*3720	2680	*3060	1810
	lb			*32800	*32800	*20830	*20830	*15100	*15100	*11820	11530	*9700	8270	*8200	5910	*6750	3990
-2.0 m (-5.0 ft)	kg	*8960	*8960	*13180	*13180	*11160	9140	*8040	6210	*6120	4440	*4840	3240	*3880	2380	*3160	1900
	lb	*19750	*19750	*29060	*29060	*24600	20150	*17730	13690	*13490	9790	*10670	7140	*8550	5250	*6970	4190
-4.0 m (-15.0 ft)	kg	*11310	*11310	*15270	15220	*11080	8850	*8090	5940	*6160	4240	*4800	3120	*3630	2340	*3180	2130
	lb	*24930	*24930	*33660	33550	*24430	19510	*17840	13100	*13580	9350	*10580	6880	*8000	5160	*7010	4700
-6.0 m (-20.0 ft)	kg	*13970	*13970	*14710	*14710	*10410	8830	*7710	5870	*5850	4180	*4430	3100			*3140	2540
	lb	*30800	*30800	*32430	*32430	*22950	19470	*17000	12940	*12900	9220	*9770	6830			*6920	5600
-8.0 m (-25.0 ft)	kg	*17110	*17110	*12500	*12500	*9080	9040	*6780	5990	*5030	4290					*2940	*2940
	lb	*37720	*37720	*27560	*27560	*20020	19930	*14950	13210	*11090	9460					*6480	*6480
-10.0 m (-35.0 ft)	kg			*9190	*9190	*6830	*6830	*4970	*4970							*2340	*2340
	lb			*20260	*20260	*15060	*15060	*10960	*10960							*5160	*5160