

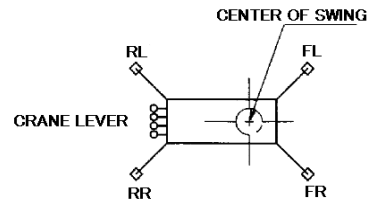
MC-305C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 5620 mm

LIFTING LOAD 760 kg

STAGE 2

EXTENDED OUTRIGGERS MIN (MAX, MID, MIN)



θ	FR	FL	RL	RR
0	472	472	2047	2047
5	436	514	1867	2221
10	409	557	1685	2387
15	393	600	1507	2538
20	392	638	1336	2673
25	407	669	1175	2787
30	442	690	1028	2878
35	498	701	897	2943
40	574	698	785	2981
45	673	682	693	2990
50	792	653	622	2971
55	931	611	573	2923
60	1089	556	545	2849
65	1262	491	537	2748
70	1447	419	547	2625
75	1642	341	574	2481
80	1841	260	615	2321
85	2042	181	668	2148
90	2238	106	728	1966
95	2427	39	792	1779
100	2603	(16)	859	1592
105	2763	(56)	923	1409
110	2901	(78)	982	1233
115	3016	(80)	1034	1068
120	3103	(58)	1076	918
125	3160	(13)	1106	785
130	3186	58	1123	671
135	3180	154	1125	579
140	3141	276	1113	509
145	3070	421	1086	461
150	2968	588	1047	435
155	2838	775	995	430
160	2682	977	934	444
165	2504	1193	866	476
170	2306	1417	793	522
175	2094	1645	719	580
180	1872	1872	647	647

MAX (kg)	3186	1872	2047	2990
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(k g)