

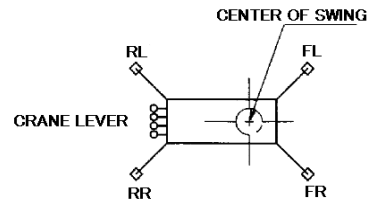
MC-305C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 12160 mm

LIFTING LOAD 220 kg

STAGE 5

EXTENDED OUTRIGGERS MID (MAX, MID, MIN)



θ	FR	FL	RL	RR
0	334	334	1848	1848
5	239	434	1629	2062
10	153	534	1411	2266
15	81	630	1199	2454
20	28	716	998	2622
25	(4)	790	813	2765
30	(10)	847	648	2879
35	10	886	506	2961
40	60	903	390	3010
45	139	898	303	3023
50	247	871	244	3001
55	384	822	215	2943
60	546	752	214	2851
65	732	664	239	2728
70	937	561	289	2577
75	1157	446	360	2400
80	1387	323	449	2204
85	1621	198	551	1993
90	1855	74	662	1772
95	2082	(43)	777	1547
100	2296	(148)	892	1323
105	2492	(237)	1002	1106
110	2665	(305)	1102	901
115	2811	(349)	1189	713
120	2925	(365)	1259	545
125	3004	(352)	1310	401
130	3046	(306)	1340	284
135	3049	(229)	1346	196
140	3014	(119)	1330	138
145	2940	22	1292	110
150	2830	191	1232	111
155	2685	386	1152	139
160	2510	604	1057	193
165	2308	838	948	268
170	2085	1086	831	362
175	1845	1340	709	469
180	1595	1595	587	587

MAX (kg)	3049	1595	1848	3023
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(kg)