

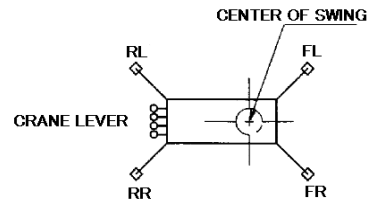
MC-305C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 8000 mm

LIFTING LOAD 330 kg

STAGE 5

EXTENDED OUTRIGGERS MIN (MAX, MID, MIN)



θ	FR	FL	RL	RR
0	471	471	1780	1780
5	427	518	1627	1928
10	391	567	1474	2069
15	365	613	1324	2198
20	351	655	1181	2313
25	352	690	1048	2411
30	369	716	927	2489
35	405	730	820	2545
40	460	732	731	2578
45	534	722	659	2586
50	626	698	606	2570
55	737	661	572	2530
60	864	613	557	2467
65	1006	554	559	2381
70	1159	488	578	2277
75	1321	415	610	2155
80	1488	339	655	2019
85	1656	263	709	1872
90	1822	190	770	1718
95	1983	124	834	1560
100	2133	66	899	1403
105	2269	21	962	1249
110	2388	(9)	1019	1102
115	2486	(21)	1069	966
120	2562	(14)	1110	842
125	2613	15	1139	734
130	2637	65	1156	644
135	2633	137	1159	572
140	2602	231	1148	519
145	2544	346	1124	486
150	2459	481	1087	473
155	2351	633	1040	477
160	2220	799	983	499
165	2070	977	918	535
170	1905	1163	849	584
175	1728	1352	778	643
180	1542	1542	708	708

MAX (kg)	2637	1542	1780	2586
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(kg)