

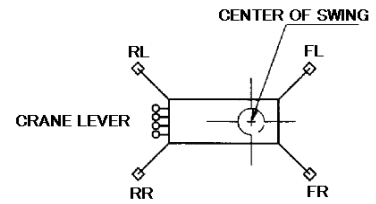
# MC-305C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 10000 mm

LIFTING LOAD 260 kg

STAGE 5

EXTENDED OUTRIGGERS MID (MAX, MID, MIN)



$\theta$	FR	FL	RL	RR
0	423	423	1784	1784
5	364	486	1615	1949
10	313	550	1445	2105
15	272	611	1280	2249
20	246	667	1123	2378
25	236	714	976	2487
30	244	751	844	2574
35	273	774	730	2637
40	324	783	634	2673
45	396	776	559	2683
50	489	754	505	2665
55	603	717	472	2620
60	736	667	461	2550
65	885	603	470	2455
70	1048	530	497	2338
75	1222	449	540	2202
80	1402	364	596	2051
85	1585	277	663	1888
90	1766	193	737	1717
95	1941	115	814	1543
100	2106	47	892	1368
105	2256	(9)	967	1199
110	2388	(48)	1036	1037
115	2499	(69)	1096	888
120	2585	(69)	1144	754
125	2644	(46)	1179	637
130	2674	0	1198	540
135	2675	71	1202	465
140	2646	166	1190	411
145	2588	283	1162	380
150	2501	422	1119	370
155	2388	580	1063	382
160	2251	754	996	412
165	2094	941	920	458
170	1920	1136	838	519
175	1732	1336	754	591
180	1536	1536	670	670

MAX (kg)	2675	1536	1784	2683
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(k g)