

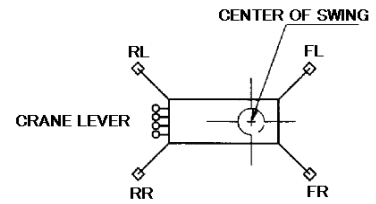
MC-305C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 2700 mm

LIFTING LOAD 2240 kg

STAGE 3

EXTENDED OUTRIGGERS MIN (MAX, MID, MIN)



θ	FR	FL	RL	RR
0	976	976	2468	2468
5	1007	950	2338	2593
10	1046	929	2203	2710
15	1093	910	2069	2816
20	1151	894	1936	2909
25	1218	877	1806	2986
30	1298	860	1683	3048
35	1388	841	1568	3091
40	1491	820	1463	3115
45	1605	796	1368	3119
50	1730	770	1284	3104
55	1864	742	1213	3069
60	2006	713	1154	3015
65	2155	683	1107	2944
70	2308	653	1071	2856
75	2463	626	1046	2753
80	2617	603	1030	2638
85	2768	585	1023	2513
90	2913	574	1022	2380
95	3048	572	1026	2242
100	3172	580	1034	2101
105	3282	601	1044	1961
110	3376	635	1054	1822
115	3451	684	1064	1689
120	3505	749	1072	1563
125	3538	829	1076	1445
130	3548	925	1077	1338
135	3535	1037	1074	1243
140	3499	1164	1066	1160
145	3439	1304	1054	1090
150	3358	1457	1039	1033
155	3256	1621	1021	989
160	3136	1793	1002	958
165	2998	1971	982	938
170	2846	2152	962	928
175	2683	2333	946	927
180	2511	2511	933	933

MAX (kg)	3548	2511	2468	3119
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(kg)