

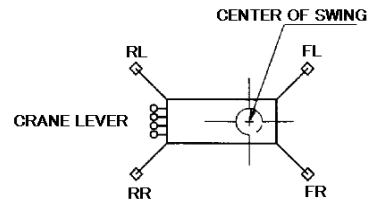
MC-305C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 4500 mm

LIFTING LOAD 1200 kg

STAGE 3

EXTENDED OUTRIGGERS **MAX** (MAX, MID, MIN)



θ	FR	FL	RL	RR
0	653	653	2146	2146
5	651	660	2011	2276
10	656	670	1873	2398
15	670	682	1736	2510
20	695	693	1602	2608
25	731	702	1474	2691
30	780	707	1354	2756
35	843	708	1244	2802
40	920	703	1146	2828
45	1010	693	1061	2834
50	1114	676	989	2818
55	1231	654	931	2782
60	1358	626	888	2725
65	1494	595	858	2650
70	1638	561	841	2558
75	1786	525	835	2451
80	1937	491	840	2330
85	2086	459	853	2200
90	2231	432	872	2062
95	2370	411	896	1920
100	2499	400	923	1776
105	2615	399	950	1634
110	2716	411	975	1495
115	2799	437	998	1363
120	2863	478	1016	1240
125	2906	535	1028	1128
130	2927	608	1034	1028
135	2925	698	1032	942
140	2900	803	1023	871
145	2852	923	1008	815
150	2783	1056	985	774
155	2692	1201	957	747
160	2584	1355	925	734
165	2459	1515	891	733
170	2319	1680	855	743
175	2169	1846	820	762
180	2010	2010	789	789

MAX (kg)	2927	2010	2146	2834
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(kg)