

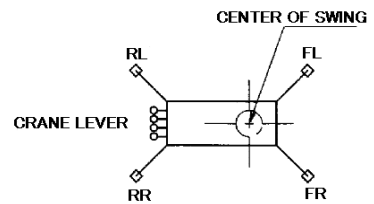
MC-305C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 9000 mm

LIFTING LOAD 290 kg

STAGE 5

EXTENDED OUTRIGGERS MAX (MAX, MID, MIN)



θ	FR	FL	RL	RR
0	496	496	1733	1733
5	460	535	1601	1862
10	431	575	1469	1983
15	411	614	1338	2095
20	401	650	1213	2194
25	403	681	1096	2277
30	420	704	989	2344
35	452	719	895	2392
40	499	725	815	2420
45	562	720	749	2427
50	641	705	700	2412
55	735	680	666	2377
60	842	645	648	2322
65	962	603	646	2248
70	1091	554	657	2157
75	1227	500	680	2051
80	1368	444	713	1933
85	1510	388	754	1806
90	1650	334	802	1672
95	1785	285	852	1535
100	1912	244	904	1398
105	2028	213	954	1264
110	2130	194	999	1135
115	2215	188	1039	1015
120	2281	199	1072	906
125	2327	226	1095	810
130	2351	271	1107	729
135	2352	333	1109	663
140	2331	413	1100	614
145	2287	510	1080	581
150	2222	622	1049	565
155	2137	747	1010	565
160	2033	884	963	578
165	1914	1029	910	605
170	1781	1180	854	642
175	1638	1335	797	688
180	1488	1488	741	741

MAX (kg)	2352	1488	1733	2427
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(kg)