

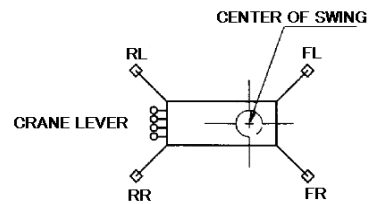
MC-305C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 4500 mm

LIFTING LOAD 1420 kg

STAGE 2

EXTENDED OUTRIGGERS MAX (MAX, MID, MIN)



θ	FR	FL	RL	RR
0	628	628	2308	2308
5	624	639	2149	2461
10	627	653	1988	2605
15	641	669	1827	2736
20	668	684	1670	2851
25	708	696	1520	2949
30	764	703	1380	3026
35	835	705	1252	3080
40	924	701	1138	3111
45	1028	689	1039	3117
50	1149	669	956	3099
55	1284	643	890	3056
60	1432	610	841	2990
65	1591	572	807	2902
70	1759	531	789	2794
75	1933	488	785	2667
80	2109	446	792	2526
85	2284	406	809	2373
90	2455	372	834	2211
95	2617	347	864	2044
100	2769	331	897	1876
105	2906	328	931	1709
110	3024	340	962	1546
115	3123	368	990	1392
120	3198	414	1012	1248
125	3249	479	1028	1117
130	3273	563	1035	1002
135	3271	666	1033	902
140	3242	788	1023	820
145	3186	927	1004	755
150	3105	1083	977	709
155	2999	1251	943	679
160	2871	1431	905	665
165	2725	1619	862	666
170	2561	1812	819	680
175	2385	2007	777	705
180	2199	2199	738	738

MAX (kg)	3273	2199	2308	3117
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(kg)