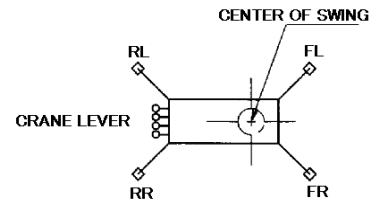


MC-305C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 7000 mm
LIFTING LOAD 380 kg
STAGE 5



EXTENDED OUTRIGGERS MIN (MAX, MID, MIN)

θ	FR	FL	RL	RR
0	520	520	1762	1762
5	491	553	1629	1890
10	469	587	1495	2012
15	454	620	1364	2124
20	451	650	1238	2224
25	461	674	1120	2308
30	484	691	1012	2375
35	523	700	917	2423
40	578	699	835	2451
45	648	688	768	2458
50	735	666	718	2444
55	836	635	683	2409
60	951	595	663	2354
65	1078	546	659	2280
70	1214	492	669	2189
75	1357	433	690	2083
80	1503	372	722	1965
85	1651	312	763	1838
90	1796	255	809	1703
95	1935	204	858	1566
100	2065	162	908	1428
105	2183	130	957	1293
110	2285	112	1002	1164
115	2370	109	1042	1043
120	2434	123	1073	933
125	2477	154	1096	836
130	2496	205	1109	753
135	2492	274	1111	686
140	2464	362	1102	636
145	2412	468	1082	602
150	2337	590	1052	584
155	2242	726	1014	582
160	2127	875	968	594
165	1996	1032	916	619
170	1850	1197	861	655
175	1694	1364	805	700
180	1531	1531	750	750

MAX (kg)	2496	1531	1762	2458
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(k g)