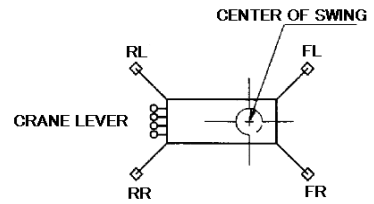


MC-305C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 7820 mm
LIFTING LOAD 490 kg
STAGE 3



EXTENDED OUTRIGGERS MID (MAX, MID, MIN)

θ	FR	FL	RL	RR
0	386	386	1964	1964
5	323	454	1766	2157
10	270	524	1568	2340
15	228	590	1374	2508
20	204	651	1189	2658
25	198	702	1016	2785
30	214	741	860	2886
35	253	766	723	2959
40	317	774	608	3001
45	406	765	517	3012
50	519	740	451	2991
55	656	697	409	2939
60	814	639	391	2856
65	992	567	397	2745
70	1184	483	424	2609
75	1389	392	469	2450
80	1601	296	530	2274
85	1815	199	603	2083
90	2027	106	685	1883
95	2232	20	771	1678
100	2425	(55)	857	1474
105	2601	(115)	941	1274
110	2755	(156)	1018	1084
115	2883	(175)	1084	908
120	2983	(169)	1138	749
125	3051	(138)	1177	610
130	3086	(78)	1199	494
135	3086	9	1203	402
140	3052	124	1189	336
145	2983	265	1157	296
150	2880	431	1108	280
155	2748	619	1045	289
160	2587	825	969	320
165	2402	1046	883	370
170	2197	1276	791	436
175	1977	1512	697	515
180	1747	1747	603	603

MAX (kg)	3086	1747	1964	3012
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(k g)