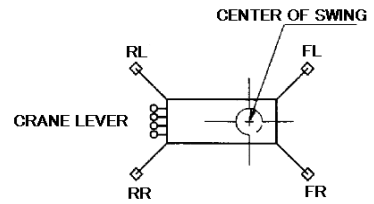


MC-305C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 9000 mm
 LIFTING LOAD 460 kg
 STAGE 4
 EXTENDED OUTRIGGERS MAX (MAX, MID, MIN)



θ	FR	FL	RL	RR
0	393	393	1943	1943
5	333	458	1754	2126
10	282	524	1565	2300
15	243	588	1379	2461
20	219	647	1202	2603
25	213	697	1037	2724
30	228	736	887	2820
35	264	761	756	2890
40	324	771	645	2930
45	408	766	557	2940
50	514	745	492	2920
55	643	708	450	2870
60	792	657	432	2791
65	958	592	435	2685
70	1140	518	459	2554
75	1332	436	500	2403
80	1532	349	556	2234
85	1734	262	623	2052
90	1934	177	699	1861
95	2127	99	779	1665
100	2309	32	860	1470
105	2475	(22)	938	1279
110	2622	(58)	1009	1098
115	2745	(74)	1072	928
120	2840	(67)	1122	776
125	2907	(36)	1158	642
130	2942	20	1178	530
135	2945	102	1182	442
140	2916	210	1168	377
145	2854	342	1138	337
150	2761	497	1092	321
155	2640	671	1032	327
160	2493	863	961	354
165	2323	1068	880	400
170	2134	1282	794	461
175	1931	1500	705	535
180	1718	1718	618	618

MAX (kg)	2945	1718	1943	2940
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(k g)