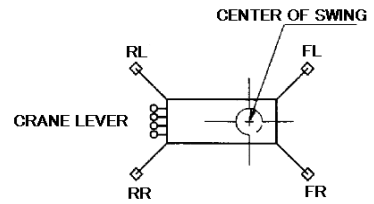


MC-305C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 7000 mm
LIFTING LOAD 670 kg
STAGE 3



EXTENDED OUTRIGGERS MAX (MAX, MID, MIN)

θ	FR	FL	RL	RR
0	437	437	2030	2030
5	393	485	1851	2204
10	358	536	1670	2369
15	335	586	1493	2520
20	326	631	1322	2654
25	334	670	1162	2768
30	361	699	1015	2858
35	408	718	885	2923
40	476	724	774	2961
45	565	716	683	2970
50	676	696	612	2950
55	806	662	564	2902
60	954	616	536	2827
65	1118	560	529	2727
70	1295	495	540	2603
75	1482	425	567	2460
80	1674	352	609	2300
85	1867	279	661	2126
90	2058	209	722	1944
95	2242	147	787	1758
100	2414	95	853	1571
105	2571	57	918	1388
110	2709	35	977	1212
115	2824	32	1029	1048
120	2914	50	1071	898
125	2976	91	1101	766
130	3008	156	1117	653
135	3009	244	1119	561
140	2980	356	1107	492
145	2920	490	1080	444
150	2831	644	1040	419
155	2715	816	988	415
160	2574	1004	926	430
165	2411	1203	857	462
170	2230	1410	784	510
175	2035	1621	709	568
180	1831	1831	636	636

MAX (kg)	3009	1831	2030	2970
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(kg)