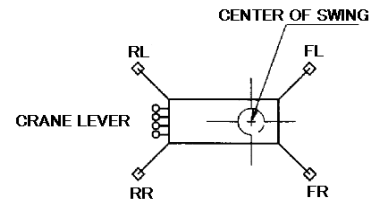


MC-305C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 7000 mm
 LIFTING LOAD 615 kg
 STAGE 4
 EXTENDED OUTRIGGERS MAX (MAX, MID, MIN)



θ	FR	FL	RL	RR
0	494	494	1938	1938
5	463	530	1787	2086
10	440	567	1633	2225
15	426	604	1483	2352
20	424	638	1337	2465
25	437	667	1200	2561
30	465	689	1074	2637
35	510	702	962	2691
40	573	705	865	2722
45	653	698	785	2730
50	750	680	722	2713
55	864	652	677	2672
60	992	615	649	2609
65	1133	570	638	2524
70	1285	518	642	2420
75	1444	462	661	2298
80	1608	403	691	2163
85	1772	346	730	2016
90	1934	292	776	1862
95	2090	245	826	1704
100	2236	206	878	1545
105	2368	179	929	1389
110	2484	166	975	1239
115	2581	169	1016	1099
120	2656	189	1049	970
125	2708	229	1072	856
130	2734	288	1085	758
135	2735	367	1086	677
140	2709	466	1075	614
145	2658	583	1054	570
150	2582	717	1021	545
155	2484	865	979	537
160	2364	1027	930	545
165	2225	1197	875	567
170	2072	1374	816	602
175	1906	1554	757	648
180	1732	1732	700	700

MAX (kg)	2735	1732	1938	2730
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(kg)