

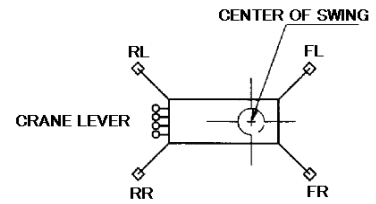
MC-305C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 11000 mm

LIFTING LOAD 230 kg

STAGE 5

EXTENDED OUTRIGGERS **MAX** (MAX, MID, MIN)



θ	FR	FL	RL	RR
0	424	424	1767	1767
5	366	487	1603	1927
10	315	550	1439	2079
15	275	611	1279	2218
20	248	666	1126	2343
25	237	714	984	2448
30	244	750	855	2533
35	271	775	744	2593
40	318	786	650	2629
45	386	782	577	2638
50	474	764	524	2620
55	582	732	492	2577
60	708	685	481	2508
65	851	628	489	2416
70	1006	560	514	2303
75	1172	485	555	2171
80	1344	406	609	2024
85	1519	325	673	1866
90	1692	247	744	1700
95	1860	174	818	1530
100	2019	110	893	1361
105	2164	58	965	1196
110	2292	21	1031	1040
115	2399	1	1088	894
120	2483	2	1135	764
125	2541	23	1168	650
130	2573	67	1187	556
135	2576	134	1190	482
140	2551	224	1179	430
145	2498	335	1152	399
150	2418	466	1110	389
155	2313	615	1056	399
160	2185	779	991	428
165	2038	954	918	473
170	1875	1138	839	531
175	1699	1327	757	600
180	1515	1515	677	677

MAX (kg)	2576	1515	1767	2638
-----------------	-------------	-------------	-------------	-------------

(kg)