

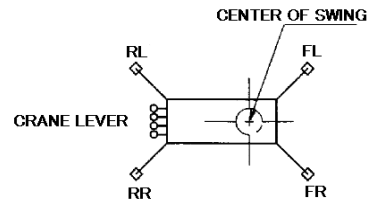
MC-305C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 4000 mm

LIFTING LOAD 1030 kg

STAGE 4

EXTENDED OUTRIGGERS MIN (MAX, MID, MIN)



θ	FR	FL	RL	RR
0	697	697	1991	1991
5	701	697	1874	2104
10	712	699	1756	2209
15	730	703	1637	2305
20	758	706	1522	2390
25	795	707	1412	2462
30	844	705	1308	2519
35	904	699	1214	2559
40	977	688	1129	2582
45	1061	672	1056	2587
50	1157	650	995	2573
55	1264	624	946	2542
60	1379	594	908	2494
65	1503	560	883	2430
70	1632	524	869	2350
75	1765	488	865	2258
80	1899	453	869	2155
85	2031	421	881	2043
90	2160	393	898	1924
95	2281	372	920	1802
100	2394	360	943	1678
105	2494	358	967	1556
110	2581	369	990	1437
115	2651	392	1010	1323
120	2703	429	1026	1217
125	2736	482	1037	1121
130	2749	549	1042	1035
135	2741	632	1041	962
140	2711	730	1034	901
145	2662	841	1021	853
150	2592	965	1001	817
155	2504	1099	978	795
160	2399	1243	950	783
165	2280	1393	920	783
170	2148	1547	889	792
175	2006	1702	859	809
180	1856	1856	832	832

MAX (kg)	2749	1856	1991	2587
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(kg)