

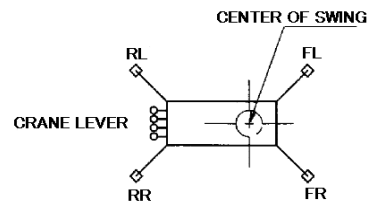
MC-305C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 5000 mm

LIFTING LOAD 830 kg

STAGE 4

EXTENDED OUTRIGGERS MID (MAX, MID, MIN)



θ	FR	FL	RL	RR
0	618	618	1945	1945
5	611	629	1821	2064
10	610	643	1696	2176
15	617	658	1572	2279
20	634	671	1451	2369
25	662	682	1336	2446
30	702	688	1229	2506
35	755	689	1132	2549
40	822	684	1046	2574
45	901	673	973	2579
50	993	655	912	2565
55	1098	631	865	2532
60	1212	601	832	2481
65	1336	567	811	2412
70	1467	529	802	2328
75	1602	489	804	2230
80	1740	450	815	2120
85	1877	413	834	2001
90	2011	380	859	1876
95	2139	353	888	1747
100	2257	334	918	1616
105	2364	326	949	1487
110	2457	329	977	1363
115	2533	346	1002	1244
120	2591	377	1022	1135
125	2629	424	1036	1036
130	2647	486	1043	949
135	2643	565	1043	875
140	2618	658	1035	815
145	2571	766	1019	769
150	2504	887	997	737
155	2418	1020	969	719
160	2314	1162	936	714
165	2196	1311	900	719
170	2064	1464	862	735
175	1922	1619	825	759
180	1773	1773	790	790

MAX (kg)	2647	1773	1945	2579
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(kg)