

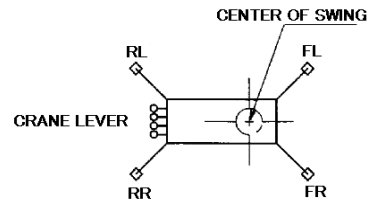
MC-305C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 5000 mm

LIFTING LOAD 830 kg

STAGE 4

EXTENDED OUTRIGGERS MIN (MAX, MID, MIN)



θ	FR	FL	RL	RR
0	581	581	1982	1982
5	568	599	1840	2118
10	562	619	1698	2247
15	565	639	1556	2365
20	580	657	1419	2469
25	607	671	1290	2557
30	649	679	1170	2627
35	706	680	1062	2677
40	779	673	968	2706
45	867	657	888	2713
50	971	633	824	2697
55	1089	601	776	2660
60	1220	561	744	2601
65	1362	514	727	2523
70	1512	464	723	2427
75	1668	410	732	2315
80	1827	356	753	2189
85	1986	305	781	2054
90	2141	258	817	1911
95	2289	218	856	1763
100	2426	187	897	1615
105	2549	169	938	1469
110	2656	165	976	1328
115	2744	177	1009	1195
120	2810	207	1036	1073
125	2852	255	1055	963
130	2870	323	1065	868
135	2863	409	1065	788
140	2831	515	1056	724
145	2773	638	1037	677
150	2691	778	1010	647
155	2587	932	975	632
160	2463	1097	934	632
165	2321	1272	888	645
170	2163	1452	840	670
175	1994	1635	791	704
180	1817	1817	746	746

MAX (kg)	2870	1817	1982	2713
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(k g)