

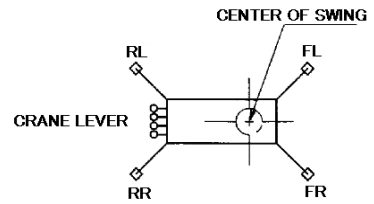
MC-305C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 4000 mm

LIFTING LOAD 1640 kg

STAGE 2

EXTENDED OUTRIGGERS MID (MAX, MID, MIN)



θ	FR	FL	RL	RR
0	670	670	2399	2399
5	672	675	2232	2559
10	682	684	2063	2710
15	703	694	1894	2847
20	737	704	1729	2969
25	786	710	1571	3071
30	850	713	1424	3151
35	932	710	1288	3208
40	1030	700	1168	3241
45	1146	682	1063	3248
50	1278	657	975	3229
55	1425	625	904	3184
60	1585	587	851	3115
65	1757	545	815	3022
70	1937	499	794	2909
75	2122	451	787	2777
80	2310	406	793	2629
85	2496	363	810	2469
90	2677	327	834	2299
95	2849	300	864	2124
100	3009	285	897	1947
105	3152	283	931	1772
110	3276	298	963	1602
115	3378	330	991	1439
120	3455	382	1014	1288
125	3505	454	1029	1150
130	3527	547	1037	1028
135	3520	661	1035	922
140	3485	794	1024	835
145	3421	947	1005	766
150	3329	1116	978	715
155	3212	1301	943	682
160	3071	1497	904	666
165	2909	1702	861	666
170	2730	1913	817	678
175	2537	2125	774	702
180	2334	2334	735	735

MAX (kg)	3527	2334	2399	3248
-----------------	-------------	-------------	-------------	-------------

(kg)