

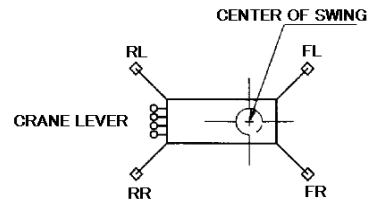
MC-305C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 3000 mm

LIFTING LOAD 2060 kg

STAGE 3

EXTENDED OUTRIGGERS MAX (MAX, MID, MIN)



θ	FR	FL	RL	RR
0	952	952	2385	2385
5	977	933	2271	2493
10	1009	918	2155	2593
15	1047	905	2037	2685
20	1095	895	1920	2764
25	1151	885	1807	2831
30	1217	875	1698	2884
35	1294	864	1596	2920
40	1380	853	1501	2940
45	1475	839	1416	2944
50	1580	825	1340	2930
55	1693	808	1273	2899
60	1813	792	1217	2852
65	1939	774	1172	2790
70	2068	758	1135	2713
75	2198	744	1108	2624
80	2329	732	1089	2524
85	2457	726	1077	2415
90	2580	724	1071	2299
95	2697	730	1070	2178
100	2803	744	1072	2055
105	2899	768	1076	1932
110	2981	802	1081	1810
115	3048	848	1085	1693
120	3099	906	1089	1581
125	3132	976	1090	1476
130	3146	1058	1089	1380
135	3142	1153	1086	1294
140	3118	1259	1079	1218
145	3076	1376	1069	1153
150	3015	1502	1057	1100
155	2938	1635	1044	1057
160	2845	1775	1029	1025
165	2738	1919	1015	1003
170	2618	2065	1002	989
175	2489	2210	991	984
180	2352	2352	985	985

MAX (kg)	3146	2352	2385	2944
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(k g)