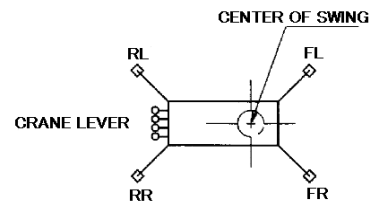


# MC-285C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 5000 mm  
 LIFTING LOAD 210 kg  
 STAGE 5  
 EXTENDED OUTRIGGERS MIN



$\theta$	FR	FL	RL	RR
0	267	267	835	835
5	225	312	701	966
10	187	356	568	1092
15	157	399	440	1208
20	135	436	319	1313
25	125	468	208	1402
30	127	490	111	1475
35	143	503	28	1528
40	174	506	(37)	1561
45	219	497	(85)	1572
50	280	477	(115)	1561
55	354	446	(126)	1529
60	441	405	(119)	1477
65	539	355	(95)	1405
70	647	297	(56)	1316
75	762	234	(4)	1212
80	882	167	59	1095
85	1003	100	130	970
90	1123	34	207	839
95	1239	(28)	286	706
100	1348	(83)	365	573
105	1447	(129)	440	445
110	1533	(163)	509	325
115	1605	(185)	569	214
120	1659	(191)	618	117
125	1695	(181)	654	35
130	1712	(154)	677	(31)
135	1708	(110)	685	(79)
140	1683	(49)	677	(108)
145	1638	29	655	(119)
150	1574	122	620	(112)
155	1492	229	571	(89)
160	1394	348	511	(50)
165	1282	476	443	2
170	1159	611	369	64
175	1027	750	291	135
180	890	890	212	212

MAX (kg)	1712	890	835	1572
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(k g)