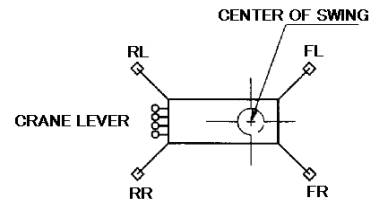


MC-285C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 6500 mm
 LIFTING LOAD 330 kg
 STAGE 4
 EXTENDED OUTRIGGERS MAX



θ	FR	FL	RL	RR
0	210	210	973	973
5	171	253	843	1101
10	136	296	712	1223
15	109	338	585	1336
20	90	376	465	1436
25	82	409	353	1522
30	87	436	253	1592
35	104	455	166	1643
40	134	465	94	1674
45	179	465	39	1685
50	237	456	(0)	1674
55	309	437	(22)	1643
60	392	410	(28)	1593
65	487	375	(18)	1524
70	590	333	7	1438
75	699	287	43	1337
80	814	238	91	1225
85	930	188	146	1104
90	1046	139	207	976
95	1158	93	271	845
100	1264	53	335	715
105	1361	21	397	588
110	1447	(1)	454	468
115	1520	(13)	504	356
120	1577	(11)	545	256
125	1618	4	576	169
130	1642	34	594	98
135	1646	78	601	42
140	1633	137	595	3
145	1601	209	576	(19)
150	1551	295	546	(24)
155	1485	391	505	(14)
160	1404	498	455	10
165	1310	612	399	46
170	1206	731	337	94
175	1093	853	273	149
180	974	974	210	210

MAX (kg)	1646	974	973	1685
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(k g)