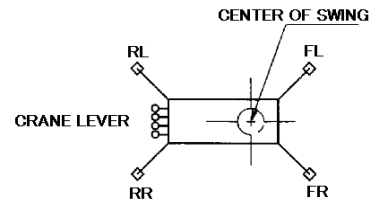


MC-285C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 4500 mm
 LIFTING LOAD 260 kg
 STAGE 3
 EXTENDED OUTRIGGERS MIN



θ	FR	FL	RL	RR
0	260	260	873	873
5	218	305	732	1010
10	182	349	593	1142
15	152	391	458	1264
20	132	429	331	1373
25	124	460	215	1467
30	129	482	112	1543
35	148	495	25	1599
40	182	496	(45)	1633
45	232	486	(97)	1645
50	296	465	(129)	1633
55	376	433	(142)	1600
60	468	390	(137)	1545
65	572	338	(114)	1470
70	686	278	(75)	1376
75	808	213	(22)	1268
80	933	144	42	1146
85	1061	75	115	1015
90	1187	8	193	878
95	1309	(55)	274	738
100	1423	(111)	355	599
105	1526	(157)	432	464
110	1617	(191)	503	338
115	1691	(211)	564	222
120	1748	(216)	615	119
125	1785	(204)	653	32
130	1802	(174)	676	(38)
135	1797	(125)	684	(90)
140	1771	(59)	676	(122)
145	1723	24	654	(135)
150	1656	123	617	(130)
155	1569	237	567	(107)
160	1466	363	506	(68)
165	1348	498	436	(16)
170	1218	641	359	48
175	1079	787	279	120
180	935	935	198	198

MAX (kg)	1802	935	873	1645
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(k g)