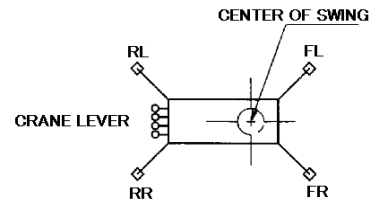


MC-285C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 3000 mm
 LIFTING LOAD 490 kg
 STAGE 3
 EXTENDED OUTRIGGERS MIN



θ	FR	FL	RL	RR
0	322	322	955	955
5	306	341	837	1070
10	295	360	719	1179
15	290	379	604	1281
20	293	395	494	1371
25	305	408	392	1449
30	327	415	300	1511
35	360	416	220	1557
40	405	410	153	1585
45	461	397	100	1595
50	529	376	62	1586
55	607	349	39	1558
60	695	315	31	1513
65	791	275	36	1451
70	893	232	54	1374
75	1001	185	83	1284
80	1110	138	121	1184
85	1220	92	167	1075
90	1327	48	218	960
95	1429	10	272	843
100	1524	(22)	326	725
105	1610	(45)	379	610
110	1683	(58)	427	501
115	1743	(59)	470	399
120	1788	(47)	505	308
125	1815	(21)	531	228
130	1826	19	547	161
135	1818	74	553	108
140	1792	143	548	70
145	1748	226	532	47
150	1687	321	507	38
155	1611	427	472	43
160	1520	543	430	61
165	1416	665	382	90
170	1302	793	330	128
175	1180	923	277	173
180	1053	1053	224	224

MAX (kg)	1826	1053	955	1595
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(k g)