

TOTAL RATED LOAD (OUTRIGGERS AT MAXIMUM POSITION)							
4.075m BOOM		5.575m BOOM		7.075m BOOM		8.575m BOOM	
WORKING RADIUS (m)	TOTAL RATED LOAD (kg)	WORKING RADIUS (m)	TOTAL RATED LOAD (kg)	WORKING RADIUS (m)	TOTAL RATED LOAD (kg)	WORKING RADIUS (m)	TOTAL RATED LOAD (kg)
<1.4	2820	<3.0	1220	<3.6	820	<4.0	550
1.5	2520	3.5	970	4.0	740	4.5	400
2.0	1920	4.0	780	4.5	580	5.0	340
2.5	1570	4.5	630	5.0	480	5.5	300
3.0	1220	5.0	530	5.5	430	6.0	270
3.5	970	5.205	530	6.0	380	6.5	230
3.705	920			6.5	350	7.0	200
				6.705	330	7.5	180
						8.0	150
						8.205	150

TOTAL RATED LOAD (OUTRIGGERS AT SECONDARY POSITION)							
4.075m BOOM		5.575m BOOM		7.075m BOOM		8.575m BOOM	
WORKING RADIUS (m)	TOTAL RATED LOAD (kg)	WORKING RADIUS (m)	TOTAL RATED LOAD (kg)	WORKING RADIUS (m)	TOTAL RATED LOAD (kg)	WORKING RADIUS (m)	TOTAL RATED LOAD (kg)
<1.4	1720	<3.0	510	<3.6	400	<4.0	330
1.5	1720	3.5	410	4.0	330	4.5	280
2.0	1070	4.0	330	4.5	280	5.0	230
2.5	630	4.5	280	5.0	230	5.5	180
3.0	520	5.0	230	5.5	180	6.0	160
3.5	430	5.205	200	6.0	160	6.5	150
3.705	350			6.5	150	7.0	100
				6.705	140	7.5	80
						8.0	70
						8.205	60

The total rated load charts are based on the actual working radius including boom deflection.

OUTRIGGER REACTION FORCE CALCULATION				
DEGREES	WORKING RADIUS LIFTING LOAD 1400mm 2820kg		BOOM STAGE 2 SECTION EXTENDED OUTRIGGERS MAX	
	FRONT RIGHT	FRONT LEFT	REAR LEFT	REAR RIGHT
0	937	937	1812	1812
5	968	911	1756	1893
10	1003	888	1638	1968
15	1044	869	1549	2037
20	1089	852	1459	2097
25	1141	838	1371	2148
30	1197	826	1285	2189
35	1260	816	1203	2219
40	1328	807	1126	2237
45	1400	800	1054	2243
50	1478	794	989	2238
55	1559	790	929	2220
60	1643	788	877	2190
65	1729	788	831	2150
70	1817	790	792	2100
75	1904	795	759	2040
80	1990	803	723	1971
85	2074	816	712	1896
90	2154	833	669	1815
95	2229	855	684	1730
100	2298	883	675	1642
105	2359	916	670	1553
110	2412	956	667	1464
115	2455	1002	665	1376
120	2488	1055	664	1290
125	2511	1115	664	1209
130	2522	1181	664	1131
135	2521	1253	665	1060
140	2509	1331	665	994
145	2485	1413	665	934
150	2450	1500	666	882
155	2405	1591	667	836
160	2350	1683	669	797
165	2285	1776	672	764
170	2213	1870	678	737
175	2134	1961	687	716
180	2050	2050	699	699
MAX (kg)	2522	2050	1812	2243