





## metric

Boom length m	Load Radius m	Rated load kg	
		BSS 1757 (1986)	US Rating Factors
12.2	3.5	60 000	63 500
	4.0	54 190	57 580
	6.0	29 080	28 860
	8.0	19 580	18 980
	10.0	14 590	13 990
	12.0	11 520	10 990
15.3	4.2	48 780	51 100
	6.0	29 000	28 810
	8.0	19 470	18 910
	10.0	14 470	13 900
	12.0	11 380	10 880
	14.0	9300	8870
18.3	4.5	43 530	44 990
	6.0	28 910	28 760
	8.0	19 360	18 830
	10.0	14 340	13 810
	12.0	11 250	10 780
	14.0	9160	8760
	16.0	7650	7310
17.5	6780	6480	
21.3	5.1	35 860	36 330
	8.0	19 320	18 800
	10.0	14 290	13 770
	12.0	11 190	10 730
	14.0	9090	8700
	16.0	7580	7260
24.4	18.0	6430	6170
	20.0	5540	5330
	5.7	30 340	30 340
	8.0	19 220	18 730
	10.0	14 180	13 690
	12.0	11 070	10 640
	14.0	8970	8610
27.4	16.0	7450	7150
	18.0	6300	6060
	20.0	5400	5210
	22.0	4680	4540
	6.1	28 110	27 990
	8.0	19 130	18 660
	10.0	14 080	13 610
	12.0	10 970	10 560
30.5	14.0	8860	8520
	16.0	7340	7060
	18.0	6190	5970
	20.0	5290	5120
	22.0	4570	4440
	24.0	3980	3890
	6.7	23 200	23 200
	8.0	19 090	18 630
	10.0	14 030	13 580
	12.0	10 920	10 520
33.5	14.0	8810	8480
	16.0	7280	7020
	18.0	6130	5920
	20.0	5220	5070
	22.0	4500	4380
	24.0	3900	3830
	26.0	3410	3370
	27.5	3090	3070
	7.3	21 510	21 150
	8.0	18 950	18 530
	10.0	13 880	13 460
12.0	10 760	10 400	
14.0	8640	8350	
16.0	7120	6890	
18.0	5960	5790	
20.0	5060	4930	
22.0	4330	4250	
24.0	3740	3690	
26.0	3240	3220	
28.0	2820	2830	
30.0	2470	2500	
30.5	2390	2430	

## metric

Boom length m	Load Radius m	Rated load kg	
		BSS 1757 (1986)	US Rating Factors
36.6	7.6	20 180	19 810
	10.0	13 770	13 370
	12.0	10 650	10 310
	14.0	8530	8260
	18.0	5840	5690
	22.0	4210	4150
	24.0	3610	3590
	26.0	3120	3120
	30.0	2340	2400
	32.0	2040	2110
39.6	34.0	1770	1860
	8.2	18 030	17 650
	10.0	13 660	13 290
	12.0	10 540	10 220
	14.0	8410	8170
	18.0	5720	5600
	22.0	4090	4050
	24.0	3490	3490
	26.0	3000	3020
	30.0	2220	2300
42.6	32.0	1910	2010
	34.0	1640	1760
	36.0	1410	1540
	8.8	15 650	15 650
	10.0	13 600	13 250
	12.0	10 470	10 170
	14.0	8340	8110
	18.0	5640	5530
	22.0	4000	3980
	24.0	3400	3410
45.7	26.0	2890	2940
	30.0	2110	2210
	32.0	1790	1910
	34.0	1520	1660
	36.0	1280	1430
	9.1	14 870	14 870
	10.0	13 460	13 160
	12.0	10 350	10 080
	14.0	8220	8020
	18.0	5520	5430
48.8	22.0	3870	3880
	24.0	3270	3310
	26.0	2770	2840
	30.0	1980	2100
	32.0	1670	1810
	34.0	1390	1550
	36.0	1150	1330
	9.7	12 300	12 300
	12.0	9660	9660
	14.0	7990	7930
18.0	5400	5340	
22.0	3760	3780	
24.0	3150	3220	
26.0	2650	2750	
30.0	1860	2010	
32.0	1550	1710	
34.0	1270	1450	
36.0	1030	1230	
51.8	10.0	10 500	10 500
	12.0	8490	8490
	14.0	6970	6970
	18.0	4890	4890
	22.0	3540	3540
	24.0	2990	3080
	26.0	2490	2610
	30.0	1690	1870
	32.0	1380	1570
	34.0	1100	1320
36.0	860	1090	



**imperial**

Fly jib length 20'

Boom length ft	Load Radius ft	Jib point height ft	Rated load lb	
			BSS 1757 (1986)	US Rating Factors
100'	37.0	120.80	16,480	16,480
	50.0	116.30	16,100	15,720
	60.0	111.70	11,920	11,750
	70.0	105.90	9,020	9,010
	80.0	98.60	6,900	7,020
	90.0	89.50	5,270	5,500
110'	39.0	130.60	16,480	16,480
	50.0	127.10	16,480	16,260
	60.0	122.80	12,570	12,290
	70.0	117.60	9,680	9,560
	80.0	111.10	7,550	7,560
	90.0	103.20	5,930	6,050
120'	42.0	140.20	16,480	16,480
	50.0	119.90	16,480	16,070
	60.0	116.80	12,320	12,090
	70.0	112.90	9,420	9,350
	80.0	107.20	7,300	7,360
	90.0	103.20	5,670	5,840
130'	44.0	150.00	16,480	16,480
	50.0	148.20	16,280	15,890
	60.0	144.60	12,080	11,890
	70.0	140.20	9,170	9,150
	80.0	134.90	7,040	7,150
	90.0	128.50	5,410	5,630
140'	47.0	159.50	16,480	16,480
	60.0	155.30	11,750	11,630
	70.0	151.20	8,840	8,880
	80.0	146.30	6,700	6,870
	90.0	140.50	5,060	5,340
	100.0	133.60	3,770	4,140
150'	49.0	169.30	16,250	15,940
	60.0	165.90	11,500	11,420
	70.0	162.10	8,580	8,670
	80.0	157.60	6,440	6,660
	90.0	152.20	4,800	5,130
	100.0	145.90	3,510	3,920

**imperial**

Fly jib length 60'

Boom length ft	Load Radius ft	Jib point height ft	Rated load lb	
			BSS 1757 (1986)	US Rating Factors
100'	50.0	157.97	9790	9790
	60.0	154.63	9030	9380
	70.0	150.53	7890	9010
	80.0	145.60	6990	8310
	90.0	139.74	6260	6610
	100.0	132.83	5150	5150
	110.0	124.69	4180	4180
	120.0	115.05	3520	3520
110'	52.0	167.76	9780	9780
	60.0	165.21	9340	9460
	70.0	161.38	8180	9100
	80.0	156.81	7260	8600
	90.0	151.40	6530	7010
	100.0	145.07	5660	5660
	110.0	137.69	4560	4560
	120.0	129.06	3750	3800
120'	53.0	177.83	9800	9800
	60.0	175.72	9540	9540
	70.0	172.13	8470	9190
	80.0	167.86	7750	8400
	90.0	162.83	6800	6180
	100.0	156.98	5480	5560
	110.0	150.21	4390	4550
	120.0	142.37	3480	3720

**imperial**

Fly jib length 40'

Boom length ft	Load Radius ft	Jib point height ft	Rated load lb	
			BSS 1757 (1986)	US Rating Factors
100'	41.0	140.02	15,250	15,250
	50.0	137.26	14,670	14,670
	60.0	133.38	13,000	13,220
	70.0	128.58	10,750	10,450
	80.0	122.72	8,590	8,420
	90.0	115.66	6,930	6,880
110'	43.0	149.81	15,240	15,250
	50.0	147.77	14,810	14,810
	60.0	144.18	13,400	12,990
	70.0	139.76	10,430	10,190
	80.0	134.42	8,250	8,150
	90.0	128.03	6,590	6,600
120'	44.0	159.86	15,280	15,280
	50.0	158.21	14,930	14,930
	60.0	154.87	13,160	12,800
	70.0	150.78	10,180	10,000
	80.0	145.85	8,000	7,950
	90.0	140.01	6,330	6,390
130'	45.0	169.90	15,260	15,260
	60.0	165.47	12,940	12,620
	70.0	161.66	9,940	9,800
	80.0	157.09	7,750	7,750
	90.0	151.69	6,080	6,190
	100.0	145.38	4,750	4,960



# 600SC Dragline Ratings

## metric

Boom length (m)	Load Radius (m)	Rated load kg (75%)
12.2	8.0	6130
	9.0	6130
	10.0	6130
	11.0	6130
	12.0	6130
15.3	9.5	6130
	11.0	6130
	12.0	6130
	13.0	6130
	14.0	6040
18.3	14.8	5230
	11.0	6130
	12.0	6130
	13.0	6130
	14.0	5920
21.3	15.0	4980
	16.0	4210
	17.5	3290
	12.5	5640
	14.0	5600
21.3	15.0	4900
	16.0	4130
	17.0	3500
	18.0	2960
	19.0	2510
20.0	2120	

## imperial

Boom length (ft)	Load Radius (ft)	Rated load lbs (75%)
40'	26.0	13510
	30.0	13510
	34.0	13510
	38.0	13510
	40.0	13510
50'	31.0	13510
	34.0	13510
	38.0	13510
	42.0	13510
	46.0	13280
60'	48.5	11530
	36.0	13510
	40.0	13510
	44.0	13510
	48.0	11690
70'	52.0	9510
	56.0	7780
	57.0	7350
	41.0	12400
	44.0	12400
70'	48.0	11520
	52.0	9350
	56.0	7620
	60.0	6220
	64.0	5070
66.0	4570	

# Clamshell Ratings

## metric

Boom length (m)	Load Radius (m)	Rated load kg	
		BSS 1757 (1986)	US Rating Factors
12.20	8.0	6400	6400
	9.0	6400	6400
	10.0	6400	6400
	11.0	6400	6400
	12.0	6400	6400
15.3	9.5	6400	6400
	11.0	6400	6400
	12.0	6400	6400
	13.0	5890	6320
	14.0	5290	5690
18.3	14.8	4860	5130
	11.0	6340	6340
	12.0	6330	6330
	13.0	5800	6230
	14.0	5200	5600
21.3	15.0	4690	4860
	16.0	4100	4100
	17.5	3190	3190
	12.5	5590	5590
	14.0	5150	5560
21.3	15.0	4640	4780
	16.0	4010	4010
	17.0	3380	3380
	18.0	2840	2840
	19.0	2390	2390
20.0	2010	2010	

## imperial

Boom length (ft)	Load Radius (ft)	Rated load lb	
		BSS 1757 (1986)	US Rating Factors
40'	26.0	14110	14110
	30.0	14110	14110
	34.0	14110	14110
	38.0	14110	14110
	40.0	14110	14110
50'	31.0	14110	14110
	34.0	14110	14110
	38.0	14110	14110
	42.0	13270	14110
	46.0	11640	12510
60'	48.5	10700	11350
	36.0	13970	13970
	40.0	13960	13960
	44.0	12210	13140
	48.0	10740	11440
70'	52.0	9320	9320
	56.0	7540	7540
	57.0	7160	7160
	41.0	12320	12320
	44.0	12100	12320
70'	48.0	10620	11250
	52.0	9080	9080
	56.0	7360	7360
	60.0	5970	5970
	64.0	4830	4830
66.0	4340	4340	



## imperial

Boom length ft	Load Radius ft	Rated load lb	
		BSS 1757 (1986)	US Rating Factors
40'	11.5	132 300	140 000
	15.0	96 130	99 140
	20.0	62 690	62 100
	25.0	46 080	44 810
	30.0	36 150	34 810
	40.0	24 880	23 720
50'	14.0	107 250	112 300
	15.0	96 020	99 130
	20.0	62 510	61 990
	25.0	45 860	44 660
	30.0	35 900	34 620
	35.0	29 290	28 080
	40.0	24 580	23 490
45.0	21 070	20 090	
60'	15.0	95 900	99 100
	20.0	62 310	61 870
	25.0	45 620	44 490
	30.0	35 640	34 430
	35.0	29 010	27 870
	40.0	24 280	23 260
	45.0	20 750	19 840
	50.0	18 020	17 720
55.0	15 840	15 140	
70'	17.0	79 010	80 040
	20.0	62 230	61 830
	25.0	45 420	44 430
	30.0	35 530	34 350
	35.0	28 890	27 780
	40.0	24 150	23 160
	45.0	20 610	19 730
	50.0	17 860	17 090
	55.0	15 670	15 000
	60.0	13 870	13 310
65.0	12 390	11 910	
80'	19.0	66 860	66 860
	20.0	62 060	61 730
	25.0	45 320	44 280
	30.0	35 300	34 180
	35.0	28 640	27 590
	40.0	23 890	22 950
	45.0	20 330	19 520
	50.0	17 570	16 870
	55.0	15 370	14 770
	60.0	13 570	13 060
	65.0	12 070	11 650
70.0	10 800	10 160	
75.0	9 730	9 450	
90'	20.0	61 880	61 600
	25.0	45 110	44 130
	30.0	35 080	34 020
	35.0	28 420	27 420
	40.0	23 660	22 780
	45.0	20 100	19 330
	50.0	17 340	16 680
	55.0	15 130	14 580
	60.0	13 330	12 870
	65.0	11 830	11 450
	70.0	10 560	10 260
	75.0	9 480	9 250
80.0	8 560	8 380	
85.0	7 760	7 630	
100'	22.0	51 200	51 200
	25.0	45 020	44 080
	30.0	34 990	33 950
	35.0	28 310	27 340
	40.0	23 550	22 690
	45.0	19 980	19 240
	50.0	17 210	16 580
	55.0	15 000	14 470
	60.0	13 190	12 750
	70.0	10 410	10 130
	80.0	8 380	8 230
	90.0	6 850	6 790

## imperial

Boom length ft	Load Radius ft	Rated load lb		
		BSS 1757 (1986)	US Rating Factors	
110'	24.0	47 380	46 580	
	30.0	34 670	33 700	
	40.0	23 200	22 420	
	50.0	16 850	16 300	
	60.0	12 820	12 460	
	70.0	10 040	9 830	
	80.0	8 010	7 920	
	90.0	6 470	6 480	
	100.0	5 280	5 360	
	120'	25.0	44 500	43 680
30.0		34 430	33 520	
40.0		22 950	22 220	
50.0		16 590	16 090	
60.0		12 560	12 240	
70.0		9 770	9 610	
80.0		7 740	7 700	
90.0		6 200	6 250	
100.0		4 990	5 120	
110.0		4 030	4 230	
130'		27.0	39 650	38 850
	30.0	34 190	33 330	
	40.0	22 700	22 020	
	50.0	16 340	15 880	
	60.0	12 300	12 030	
	70.0	9 510	9 400	
	80.0	7 470	7 480	
	90.0	5 930	6 030	
	100.0	4 710	4 900	
	110.0	3 750	4 000	
	120.0	2 970	3 270	
	140'	29.0	34 500	34 500
30.0		34 060	33 250	
40.0		22 550	21 910	
50.0		16 160	15 880	
60.0		12 110	11 890	
70.0		9 310	9 240	
80.0		7 260	7 310	
90.0		5 690	5 850	
100.0		4 470	4 700	
110.0		3 480	3 780	
120.0		2 670	3 020	
150'		30.0	32 780	32 780
		40.0	22 300	21 710
	50.0	15 910	15 540	
	60.0	11 850	11 680	
	70.0	9 040	9 020	
	80.0	6 990	7 090	
	90.0	5 420	5 630	
	100.0	4 190	4 480	
	110.0	3 200	3 550	
	120.0	2 390	2 800	
	160'	32.0	27 110	27 110
		40.0	20 890	20 890
		50.0	15 650	15 340
		60.0	11 590	11 470
70.0		8 780	8 810	
80.0		6 730	6 880	
90.0		5 160	5 410	
100.0		3 930	4 260	
110.0		2 930	3 330	
120.0		2 120	2 570	
170'		33.0	23 140	23 140
		40.0	18 360	18 360
		50.0	13 710	13 710
		60.0	10 530	10 530
		70.0	8 230	8 230
	80.0	6 360	6 490	
	90.0	4 790	5 110	
	100.0	3 560	3 960	
	110.0	2 560	3 030	
	120.0	1 740	2 270	



# 600SC

## metric

Fly jib length 6,1m

Boom length m	Load Radius m	Jib point height m	Rated load kg	
			BSS 1757 (1986)	US Rating Factors
30,5	11,27	36,80	7480	7480
	12,00	36,60	7480	7480
	16,00	35,10	6760	6610
	20,00	33,10	4620	4580
	24,00	30,40	3230	3280
	28,00	26,70	2270	2380
33,5	11,88	39,80	7480	7480
	12,00	39,80	7480	7480
	16,00	38,40	7050	6850
	20,00	36,60	4910	4830
	24,00	34,10	3530	3530
	28,00	31,00	2570	2630
36,6	12,80	42,70	7480	7480
	16,00	41,70	6940	6770
	20,00	40,00	4800	4730
	24,00	37,80	3420	3440
	26,00	36,50	2900	2950
	28,00	35,00	2450	2540
39,6	13,41	45,70	7480	7480
	16,00	44,90	6830	6680
	20,00	43,40	4690	4640
	24,00	41,30	3300	3340
	26,00	40,30	2780	2860
	28,00	38,80	2340	2440
42,6	14,32	48,60	7480	7480
	16,00	48,10	6690	6560
	20,00	46,70	4530	4520
	24,00	44,80	3150	3220
	28,00	42,50	2180	2310
	32,00	39,60	1460	1650
45,7	14,93	51,60	7370	7230
	16,00	51,30	6580	6470
	20,00	50,00	4420	4430
	24,00	48,20	3030	3120
	28,00	46,10	2060	2210
	32,00	43,40	1340	1550
34,00	41,90	1050	1280	

## metric

Fly jib length 18,3m

Boom length m	Load Radius m	Jib point height m	Rated load kg	
			BSS 1757 (1986)	US Rating Factors
30,5	15,20	48,15	4440	4440
	18,00	47,24	4150	4270
	20,00	46,46	3790	4160
	22,00	45,58	3480	4050
	26,00	43,47	2980	3430
	30,00	40,84	2420	2420
	34,00	37,58	1840	1840
	38,00	33,50	1490	1480
35,5	15,80	51,14	4430	4430
	18,00	50,45	4290	4310
	20,00	49,73	3930	4200
	22,00	48,91	3610	4100
	26,00	46,95	3110	3260
	30,00	44,54	2670	2670
	34,00	41,59	2010	2010
	38,00	37,96	1530	1600
36,6	16,10	54,20	4450	4450
	18,00	53,65	4340	4340
	20,00	52,97	4060	4240
	22,00	52,20	3740	4140
	26,00	50,38	3230	3910
	30,00	48,15	2570	2600
	34,00	45,44	1920	2000
	38,00	42,15	1410	1530
42,00	38,14	1000	1150	

## metric

Fly jib length 12,2m

Boom length m	Load Radius m	Jib point height m	Rated load kg	
			BSS 1757 (1986)	US Rating Factors
30,5	12,50	42,68	6920	6920
	14,00	42,24	6770	6770
	18,00	40,78	5980	6140
	22,00	38,83	4640	4520
	26,00	36,31	3470	3430
	30,00	33,10	2630	2650
33,5	13,10	45,66	6911	6910
	14,00	45,42	6830	6830
	18,00	44,06	6230	6040
	22,00	42,27	4490	4400
	26,00	39,98	3320	3300
	30,00	37,10	2480	2520
36,6	13,40	48,73	6930	6930
	14,00	48,57	6880	6880
	18,00	47,31	6120	5990
	22,00	45,65	4380	4310
	24,00	44,66	3740	3710
	26,00	43,55	3200	3210
39,6	14,00	51,71	6920	6920
	18,00	50,53	6020	5870
	22,00	48,99	4270	4220
	26,00	47,04	3090	3120
	30,00	44,63	2240	2330
	34,00	41,69	1600	1740
38,00	38,06	1100	1270	