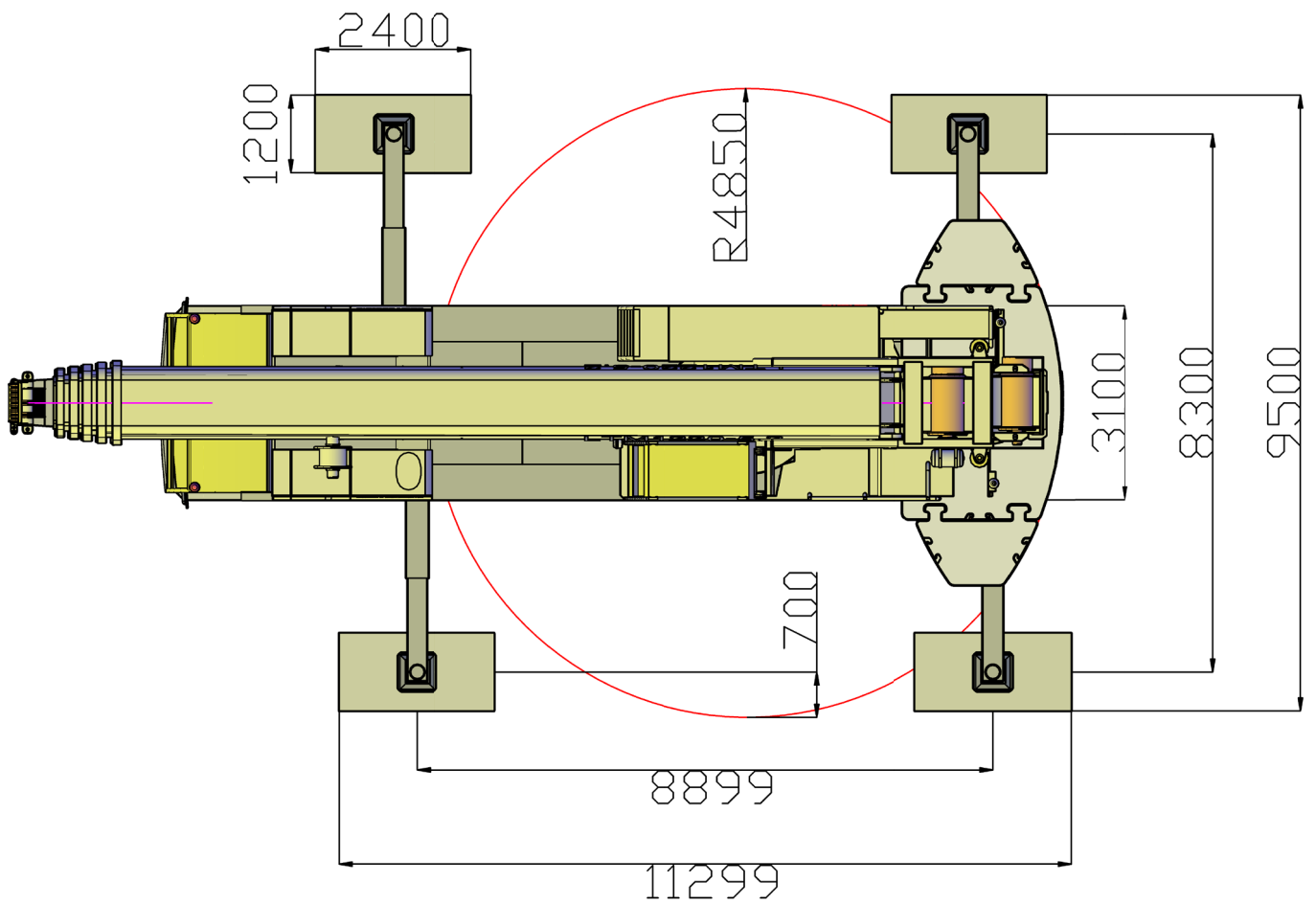
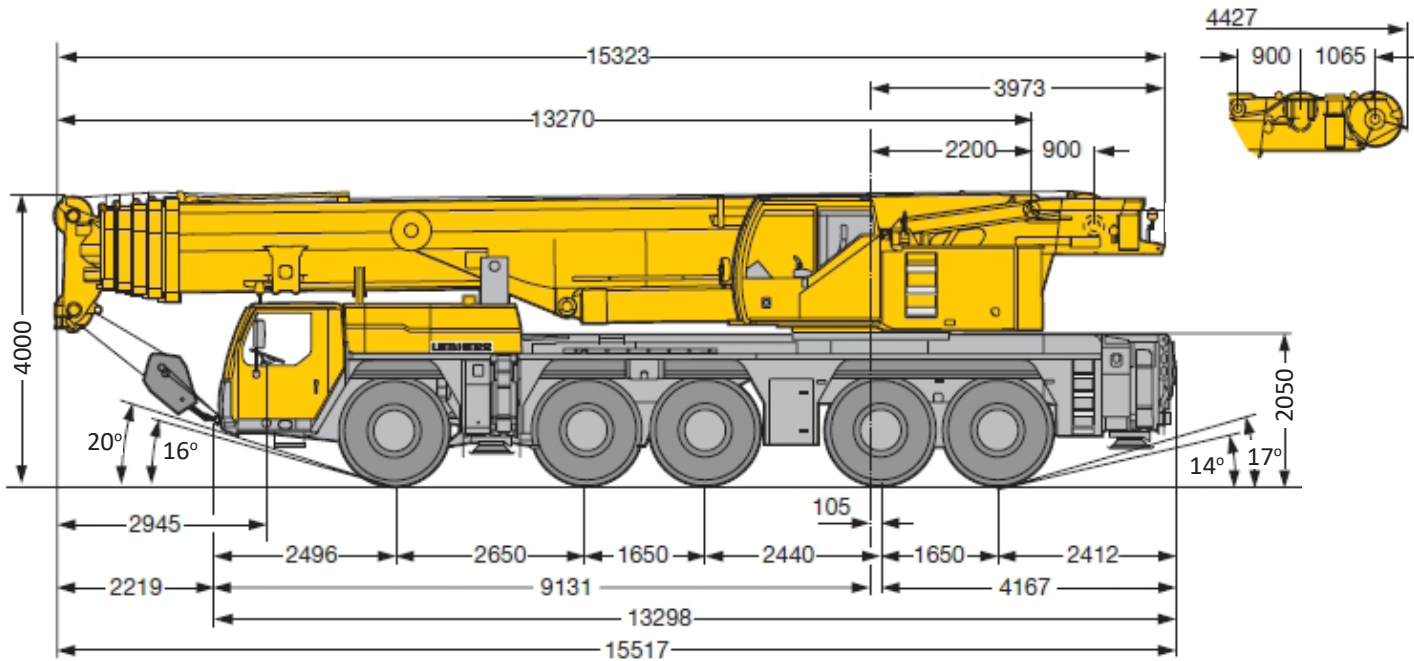




MCINTOSH
CRANES

Liebherr LTM1220 - 5.2
220 Tonne

LIEBHERR LTM1220 - 5.2





Liebherr LTM1220 - 5.2

220 Tonne

 **13.3 - 60.0m**
 **8.3m**
 **360°**
 **74t**

Main Boom (m)

Radius	13.3	17.6	21.9	26.2	30.5	34.8	39.1	43.4	47.7	52	56.3	60	Radius
3	152	135	135										3
3.5	150	135	135	126									3.5
4	140	130	130	126									4
4.5	127	122	120	117	103								4.5
5	119	114	112	109	102								5
6	105	101	100	97.0	95.0	81.0							6
7	94.0	90.0	89.0	87.0	85.0	79.0	58.0						7
8	84.0	81.0	81.0	79.0	77.0	76.0	55.0	46.5					8
9	74.0	73.0	73.0	72.0	71.0	69.0	52.0	44.5	37.5				9
10	63.0	66.0	67.0	66.0	65.0	64.0	48.5	42.5	36.0	30.0			10
11	45.5	61.0	61.0	60.0	61.0	59.0	45.5	40.5	34.5	29.2	24.6		11
12		55.0	55.0	55.0	56.0	55.0	42.0	38.5	33.5	28.3	24.1	20.0	12
14		45.0	46.0	47.0	46.5	46.0	37.5	34.5	30.5	26.3	22.7	19.2	14
16			39.5	39.5	39.0	38.5	33.0	31.5	27.9	24.4	21.2	18.1	16
18			33.5	33.5	33.5	32.5	30.5	28.4	25.8	22.6	19.8	17.1	18
20				29.2	28.8	28.1	28.1	25.8	23.6	21.1	18.5	16.0	20
22				25.6	25.2	24.5	25.3	23.5	21.7	19.7	17.4	15.0	22
24				15.7	22.3	23.0	22.3	21.5	20.1	18.4	16.3	14.2	24
26					19.9	20.6	19.9	19.2	18.8	17.2	15.2	13.3	26
28					14.9	18.5	17.8	17.3	17.4	16.1	14.4	12.5	28
30						16.7	16.0	16.3	15.6	15.1	13.5	11.8	30
32						13.6	14.4	14.8	14.1	14.0	12.7	11.2	32
34							13.6	13.4	12.7	12.8	12.1	10.5	34
36							12.2	12.2	11.9	11.6	11.4	10.0	36
38								11.2	11.1	10.6	10.4	9.5	38
40								10.2	10.2	9.8	9.4	9.0	40
42									9.4	9.2	8.6	8.5	42
44									8.6	8.4	7.8	7.9	44
46										7.7	7.2	7.2	46
48										7.1	6.5	6.6	48
50											6.0	6.0	50
52											5.5	5.5	52
54												5.0	54
56												4.6	56

LIEBHERR LTM1220 - 5.2



Liebherr LTM1220 - 5.2

220 Tonne



13.3 - 60.0m
 8.3m
 360°
 54t

Main Boom (m)

Radius	13.3	17.6	21.9	26.2	30.5	34.8	39.1	43.4	47.7	52	56.3	60	Radius
3	152	135	135										3
3.5	140	135	135	126									3.5
4	130	130	129	126									4
4.5	121	121	120	117	103								4.5
5	113	113	112	109	102								5
6	100	100	100	97.0	95.0	81.0							6
7	88.0	89.0	89.0	87.0	85.0	79.0	58.0						7
8	78.0	79.0	79.0	79.0	77.0	75.0	55.0	46.5					8
9	69.0	70.0	70.0	70.0	70.0	65.0	52.0	44.5	37.5				9
10	61.0	62.0	62.0	62.0	61.0	58.0	48.5	42.5	36.0	30.0			10
11	45.5	55.0	55.0	56.0	55.0	51.0	45.5	40.5	34.5	29.2	24.6		11
12		48.5	49.5	49.5	49.0	46.0	42.0	38.5	33.5	28.3	24.1	20.0	12
14		39.0	40.0	40.0	39.5	38.0	36.0	34.5	30.5	26.3	22.7	19.2	14
16			33.0	33.0	32.5	32.0	32.0	30.5	27.9	24.4	21.2	18.1	16
18			27.8	27.8	27.4	28.2	27.5	26.1	25.3	22.6	19.8	17.1	18
20				23.7	23.3	24.1	23.4	22.6	22.5	21.1	18.5	16.0	20
22				20.5	20.2	20.8	20.2	20.6	19.8	19.3	17.4	15.0	22
24				15.7	17.8	18.3	18.5	18.0	17.3	17.3	16.3	14.2	24
26					15.7	16.1	16.4	15.8	15.8	15.4	14.9	13.3	26
28					14.0	14.6	14.6	14.1	14.1	13.9	13.3	12.5	28
30						13.5	13.1	13.1	12.5	12.4	11.9	11.8	30
32						12.3	11.8	11.8	11.5	11.1	10.6	10.7	32
34							10.7	10.7	10.3	10.0	9.4	9.6	34
36							9.9	9.7	9.4	9.0	8.4	8.5	36
38								8.8	8.5	8.1	7.5	7.6	38
40								8.1	7.6	7.2	6.6	6.8	40
42									6.9	6.5	5.9	6.0	42
44									6.3	5.8	5.3	5.4	44
46										5.3	4.7	4.8	46
48										4.7	4.1	4.2	48
50											3.7	3.7	50
52											3.2	3.3	52
54												2.9	54
56												2.5	56

LIEBHERR LTM1220 - 5.2



Liebherr LTM1220 - 5.2

220 Tonne

 **13.3 - 60.0m**
 **8.3m**
 **360°**
 **44t**

Main Boom (m)

Radius	13.3	17.6	21.9	26.2	30.5	34.8	39.1	43.4	47.7	52	56.3	60	Radius
3	152	135	135										3
3.5	140	135	135	126									3.5
4	130	129	129	126									4
4.5	121	121	120	117	103								4.5
5	113	113	112	109	102								5
6	99.0	99.0	99.0	97.0	95.0	91.0							6
7	87.0	87.0	87.0	87.0	81.0	78.0	58.0						7
8	75.0	76.0	76.0	74.0	71.0	66.0	55.0	46.5					8
9	65.0	66.0	66.0	65.0	61.0	57.0	52.0	44.5	37.5				9
10	56.0	57.0	58.0	57.0	54.0	50.0	47.5	42.5	36.0	30.0			10
11	45.5	50.0	51.0	51.0	48.0	45.0	42.5	40.5	34.5	29.2	24.6		11
12		44.0	44.5	45.0	43.0	40.0	39.0	37.5	33.5	28.3	24.1	20.0	12
14		35.0	35.5	35.5	35.0	34.0	33.0	31.0	29.9	26.3	22.7	19.2	14
16			29.0	29.0	28.6	29.5	27.8	26.3	25.9	24.4	21.2	18.1	16
18			24.2	24.2	24.1	24.6	23.8	23.7	22.2	21.5	19.8	17.1	18
20				21.4	20.4	20.9	21.2	20.6	19.7	18.9	18.2	16.0	20
22				18.5	17.6	18.2	18.3	17.7	17.6	17.0	15.9	15.0	22
24				15.7	15.3	16.4	16.0	16.0	15.6	15.0	14.0	13.9	24
26					14.1	14.5	14.1	14.1	13.8	13.4	12.4	12.3	26
28					12.9	12.9	12.7	12.5	12.2	11.8	11.0	10.9	28
30						11.5	11.3	11.1	10.8	10.4	9.7	9.7	30
32						10.4	10.2	10.0	9.6	9.3	8.7	8.6	32
34							9.2	9.0	8.6	8.2	7.6	7.7	34
36							8.3	8.0	7.7	7.3	6.7	6.8	36
38								7.2	6.8	6.4	5.9	6.0	38
40								6.5	6.1	5.7	5.1	5.2	40
42									5.5	5.0	4.4	4.5	42
44									4.9	4.4	3.9	3.9	44
46										3.9	3.3	3.4	46
48										3.4	2.8	2.9	48
50											2.4	2.5	50
52											2.0	2.1	52
54												1.7	54
56												1.4	56

LIEBHERR LTM1220 - 5.2



Liebherr LTM1220 - 5.2

220 Tonne



13.3 - 60.0m
 8.3m
 360°
 34t

Main Boom (m)



Radius	13.3	17.6	21.9	26.2	30.5	34.8	39.1	43.4	47.7	52	56.3	60	Radius
3	152	135	135										3
3.5	140	135	135	126									3.5
4	129	129	128	126									4
4.5	120	120	120	117	103								4.5
5	112	112	112	109	102								5
6	97.0	98.0	98.0	94.0	86.0	81.0							6
7	83.0	84.0	83.0	79.0	73.0	67.0	58.0						7
8	71.0	72.0	70.0	66.0	62.0	57.0	53.0	46.5					8
9	59.0	60.0	60.0	57.0	53.0	49.5	47.0	44.5	37.5				9
10	50.0	52.0	52.0	49.5	46.5	43.0	42.5	40.0	36.0	30.0			10
11	42.5	44.5	45.5	43.5	41.0	40.0	38.0	35.5	34.0	29.2	24.6		11
12		38.5	39.5	39.0	36.5	36.5	34.0	32.0	31.0	28.3	24.1	20.0	12
14		29.9	30.5	30.5	30.5	29.9	28.2	27.6	25.8	24.9	22.7	19.2	14
16			25.0	25.6	24.8	25.2	24.8	23.3	22.5	21.8	20.4	18.1	16
18			20.7	21.4	20.5	21.5	21.2	20.5	19.7	18.6	17.4	17.1	18
20				18.2	17.9	18.4	18.0	17.9	17.0	16.0	14.9	14.7	20
22				15.7	15.8	15.8	15.7	15.5	14.8	13.9	12.8	12.7	22
24				13.7	13.7	13.8	13.6	13.4	13.0	12.1	11.1	11.0	24
26					12.0	12.1	11.9	11.7	11.4	10.6	9.6	9.6	26
28					10.6	10.6	10.4	10.2	9.9	9.3	8.4	8.4	28
30						9.5	9.2	9.0	8.7	8.2	7.3	7.3	30
32						8.5	8.2	7.9	7.6	7.2	6.3	6.3	32
34							7.2	7.0	6.6	6.2	5.5	5.5	34
36							6.4	6.2	5.8	5.4	4.8	4.8	36
38								5.5	5.1	4.6	4.1	4.1	38
40								4.8	4.4	4.0	3.4	3.5	40
42									3.8	3.4	2.8	2.9	42
44									3.3	2.9	2.3	2.4	44
46										2.5	1.9	1.9	46
48										2.1	1.4	1.5	48
50											1.1	1.1	52

LIEBHERR LTM1220 - 5.2



Liebherr LTM1220 - 5.2

220 Tonne

 **13.3 - 60.0m**
 **8.3m**
 **360°**
 **22t**

Main Boom (m)

Radius	13.3	17.6	21.9	26.2	30.5	34.8	39.1	43.4	47.7	52	56.3	60	Radius
3	151	135	135										3
3.5	139	135	135	126									3.5
4	128	128	128	126									4
4.5	119	119	119	112	102								4.5
5	110	110	109	109	99.0	92.0							5
6	93.0	93.0	85.0	79.0	73.0	66.0							6
7	76.0	73.0	69.0	64.0	59.0	55.0	52.0						7
8	61.0	61.0	57.0	54.0	50.0	48.0	45.0	41.5					8
9	50.0	51.0	49.0	46.0	43.0	42.0	39.0	36.5	35.0				9
10	41.0	43.0	42.0	40.0	38.0	37.0	35.0	33.5	31.0	29.6			10
11	34.5	36.0	37.0	35.0	33.5	32.5	32.0	29.7	28.5	26.7	24.6		11
12		31.0	32.0	32.5	29.8	29.3	28.4	27.3	25.9	24.3	22.6	20.0	12
14		23.9	24.9	25.7	24.4	24.5	23.4	22.3	21.1	19.8	18.3	18.0	14
16			19.8	20.6	20.8	20.4	19.4	18.5	17.5	16.4	15.1	14.9	16
18			16.1	16.8	17.0	17.1	16.4	15.6	14.7	13.7	12.6	12.4	18
20				14.0	14.2	14.3	14.0	13.3	12.5	11.6	10.5	10.4	20
22				11.9	12.0	12.1	11.9	11.4	10.7	9.8	8.8	8.8	22
24				10.3	10.3	10.4	10.2	9.9	9.2	8.4	7.4	7.4	24
26					8.9	8.9	8.7	8.5	7.9	7.2	6.2	6.2	26
28					7.7	7.7	7.5	7.3	6.8	6.1	5.2	5.2	28
30						6.7	6.5	6.2	5.9	5.2	4.3	4.3	30
32						5.9	5.6	5.3	4.9	4.4	3.6	3.6	32
34							4.8	4.5	4.2	3.7	2.9	2.9	34
36							4.2	3.9	3.5	3.1	2.3	2.3	36
38								3.3	2.9	2.5	1.7	1.8	38
40								2.8	2.4	2.0			40
42									1.9	1.5			42
44									1.5				44

LIEBHERR LTM1220 - 5.2



Liebherr LTM1220 - 5.2

220 Tonne



13.3 - 60.0m
 8.3m
 360°
 12t

Main Boom (m)

Radius	13.3	17.6	21.9	26.2	30.5	34.8	39.1	43.4	47.7	52	56.3	60	Radius
3	151	135	135										3
3.5	138	135	135	126									3.5
4	128	127	126	110									4
4.5	117	117	109	95.0	87.0								4.5
5	107	103	92.0	84.0	76.0								5
6	83.0	76.0	71.0	65.0	59.0	55.0							6
7	64.0	61.0	57.0	53.0	49.0	47.0	43.0						7
8	51.0	49.5	47.0	43.5	41.0	39.5	38.0	35.0					8
9	40.0	41.5	39.5	38.5	35.0	35.0	32.5	30.5	28.8				9
10	32.5	35.0	34.0	33.0	31.5	30.0	28.4	26.7	25.1	23.4			10
11	27.1	29.1	29.4	28.8	27.6	26.4	25.0	23.5	22.1	20.6	18.9		11
12		24.6	25.7	25.3	24.4	23.4	22.1	20.9	19.6	18.2	16.7	16.3	12
14		18.2	19.3	20.1	19.4	18.7	17.7	16.7	15.7	14.6	13.2	13.0	14
16			15.0	15.8	15.9	15.3	14.5	13.7	12.8	11.8	10.6	10.5	16
18			12.0	12.7	12.9	12.7	12.0	11.3	10.5	9.6	8.5	8.5	18
20				10.5	10.6	10.7	10.1	9.4	8.7	7.9	6.9	6.8	20
22				8.7	8.8	8.9	8.5	7.9	7.2	6.5	5.5	5.5	22
24				7.3	7.4	7.4	7.2	6.6	6.0	5.3	4.4	4.4	24
26					6.1	6.2	6.0	5.6	5.0	4.3	3.4	3.4	26
28					5.2	5.2	5.0	4.7	4.1	3.4	2.6	2.6	28
30						4.4	4.1	3.9	3.3	2.7	1.9	1.9	30
32						3.7	3.4	3.1	2.7	2.1			32
34							2.8	2.5	2.1				34
36							2.2	2.0	1.6				36
38								1.5					38
40								1.1					40

LIEBHERR LTM1220 - 5.2



Liebherr LTM1220 - 5.2

220 Tonne



13.3 - 60.0m



8.3m



360°



0t

Main Boom (m)

Radius	13.3	17.6	21.9	26.2	30.5	34.8	39.1	43.4	47.7	52	56.3	60	Radius
3	150	135	135										3
3.5	137	135	123	105									3.5
4	125	115	99.0	88.0									4
4.5	107	93.0	83.0	73.0	65.0								4.5
5	86.0	78.0	70.0	63.0	57.0								5
6	61.0	57.0	53.0	50.0	44.0	42.0							6
7	45.5	43.0	41.0	39.0	36.0	33.5	31.0						7
8	34.5	34.0	32.5	31.5	29.6	27.8	25.8	23.9					8
9	27.4	27.4	26.8	26.1	24.8	23.4	21.8	20.3	18.7				9
10	21.4	22.6	22.4	22.0	21.1	20.0	18.7	17.4	16.1	14.7			10
11	17.1	19.0	19.0	18.9	18.1	17.3	16.2	15.0	13.9	12.6	11.2		11
12		15.9	16.3	16.4	15.8	15.1	14.1	13.1	12.1	10.9	9.6	9.4	12
14		11.3	12.4	12.6	12.2	11.7	10.9	10.1	9.2	8.3	7.1	7.0	14
16			9.3	9.9	9.6	9.2	8.6	7.9	7.1	6.3	5.2	5.1	16
18			6.9	7.8	7.6	7.3	6.8	6.2	5.5	4.7	3.7	3.7	18
20				6.0	6.1	5.9	5.3	4.8	4.2	3.4		2.5	20
22				4.7	4.8	4.7	4.2	3.7	3.1	2.4			22
24				3.7	3.7	3.7	3.3	2.8					24
26					2.8	2.9	2.5						26
28					2.1	2.1							28

LIEBHERR LTM1220 - 5.2



72.2 - 82.0m



12.2 - 22m



8.3m



360°



74t

60m Boom + 12.2m Jib

60m Boom + 22m Jib

Swingaway Jib Offset (Degrees)

Radius	0	22.5	45	0	22.5	45	Radius
14	11.8			6.1			14
16	11.7			6.1			16
18	11.5			6.0			18
20	11.4	10.7		6.0			20
22	11.0	10.4	9.8	6.0			22
24	10.5	9.9	9.4	5.9	5.3		24
26	9.9	9.5	9.0	5.9	5.3		26
28	9.5	9.2	8.8	5.8	5.2		28
30	9.0	8.8	8.4	5.7	5.1	4.5	30
32	8.5	8.4	8.1	5.6	5.0	4.5	32
34	8.0	8.0	7.8	5.5	4.9	4.5	34
36	7.7	7.6	7.5	5.4	4.8	4.4	36
38	7.3	7.2	7.2	5.3	4.8	4.4	38
40	6.9	6.9	6.8	5.2	4.7	4.4	40
42	6.5	6.6	6.5	5.0	4.6	4.4	42
44	6.2	6.2	6.2	4.9	4.6	4.4	44
46	5.9	5.9	5.9	4.8	4.5	4.4	46
48	5.6	5.6	5.7	4.6	4.4	4.4	48
50	5.3	5.3	5.4	4.5	4.3	4.3	50
52	5.0	5.1	5.1	4.3	4.2	4.3	52
54	4.8	4.8	4.9	4.1	4.0	4.2	54
56	4.4	4.6	4.7	3.9	3.8	4.1	56
58	4.0	4.2	4.3	3.7	3.7	4.0	58
60	3.6	3.8	3.9	3.5	3.5	3.8	60
62	3.2	3.4	3.4	3.4	3.3	3.6	62
64	2.9	3.1	3.1	3.2	3.2	3.4	64
66	2.6	2.7		2.9	3.0	3.3	66
68				2.6	2.7	3.1	68
70				2.4	2.3	2.7	70
72				2.1	2.1	2.3	72
74				1.9	1.8		74
76				1.7			76