

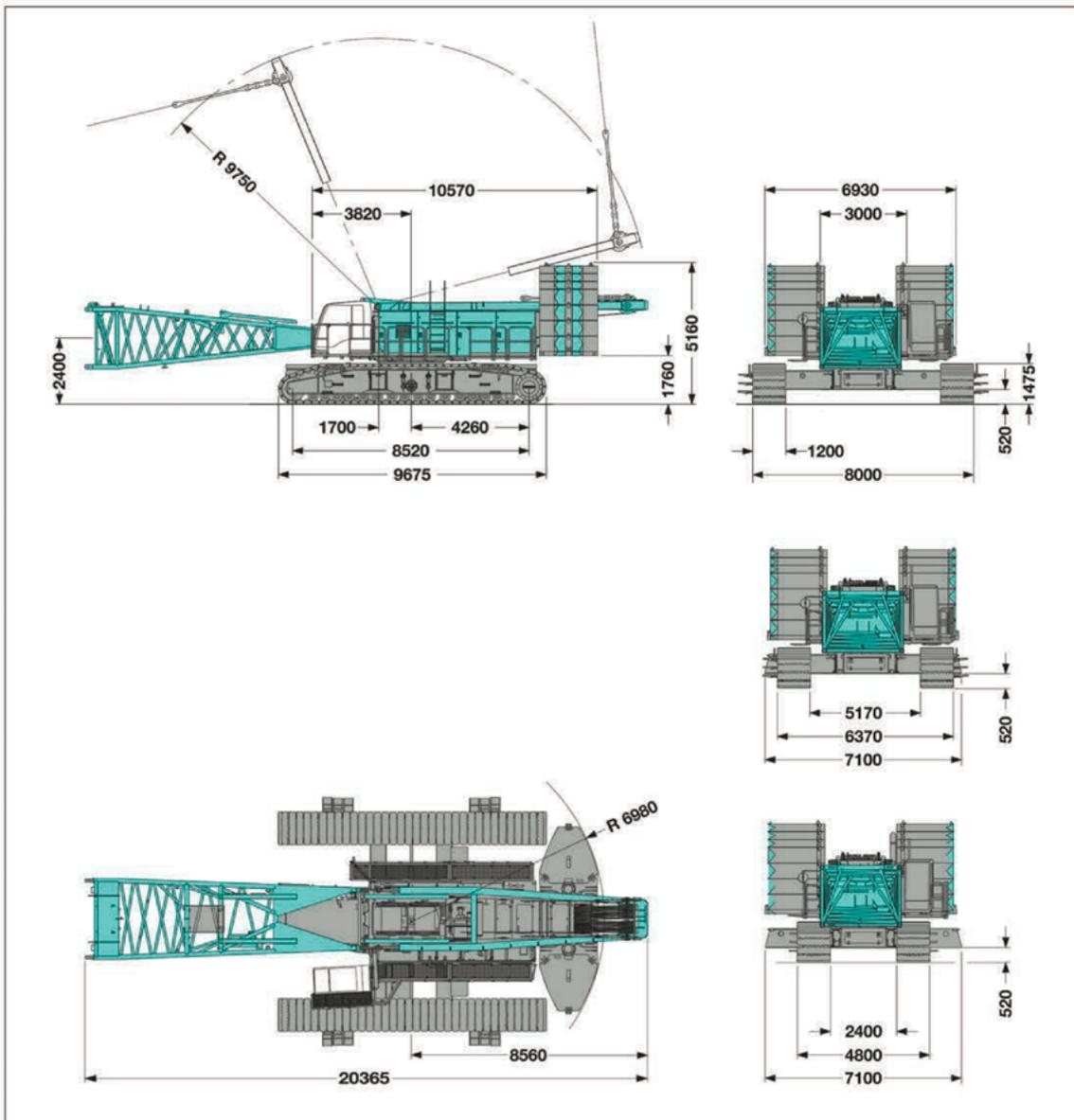
UNIVERSAL CRANES

LR1300 SX-W

300 TONNE

Dimensions

Basic machine with telescopic undercarriage

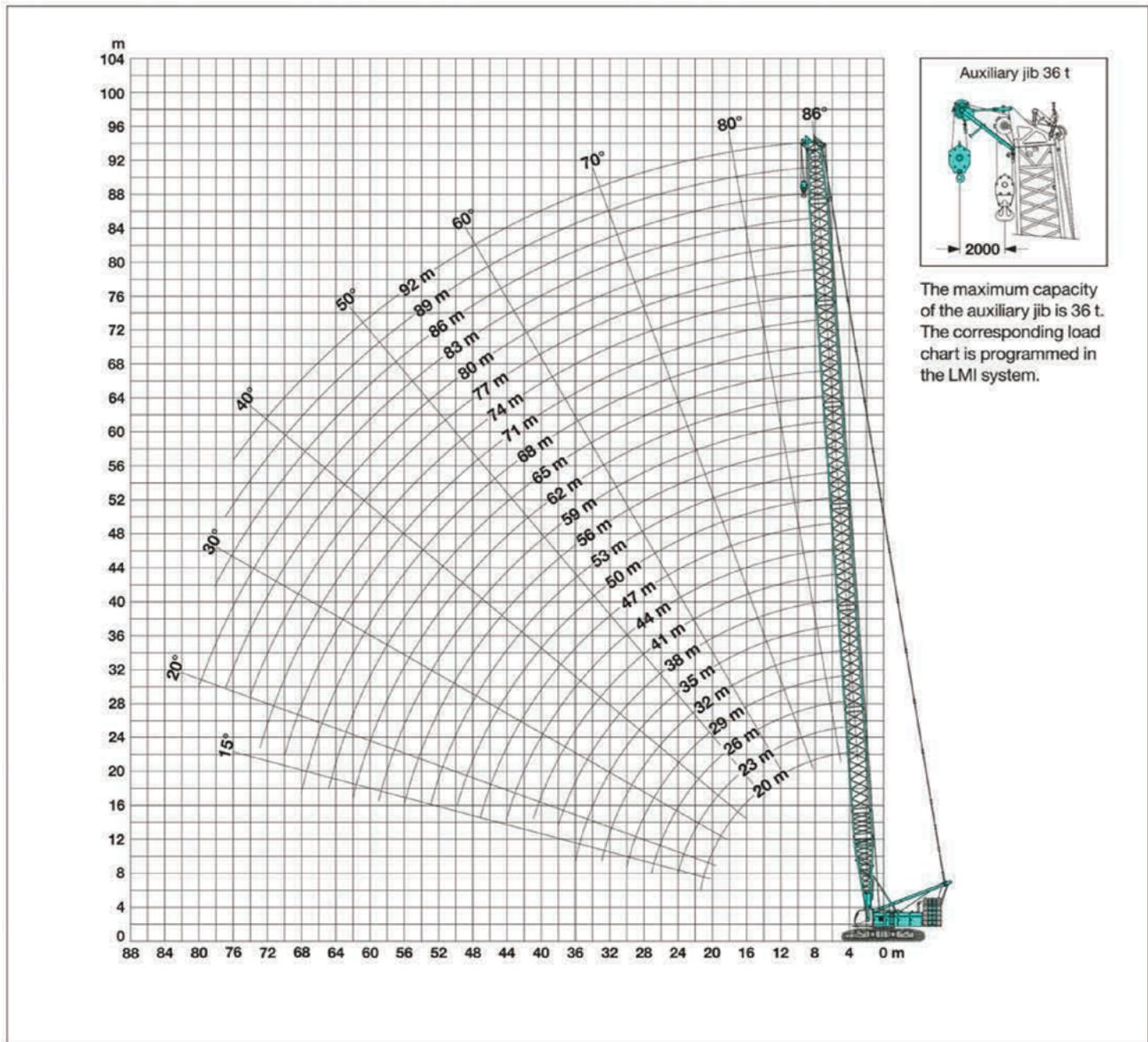


ANY LIFT, ANYWHERE, ANY TIME

PART OF  SMITHBRIDGE GROUP

Main Boom 86° - 15° (No.2821.xx)

124 t counterweight and 57 t carbody counterweight



Main Boom Configuration (No.2821.xx)

Configuration for boom lengths between 20m and 92m																							
	Length	Amount of boom extensions																					
Boom foot	10m	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Boom insert	3m	1		1		1		1		1		1		1		1		1		1			
Boom insert	6m		1	1		1	1		1	1		1	1		1	1		1	1		1		
Boom insert	12m				1	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4	5	5	5
Boom head	7m	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Boom length (m)		20	23	26	29	32	35	38	41	44	47	50	53	56	59	62	65	68	71	74	77	80	83

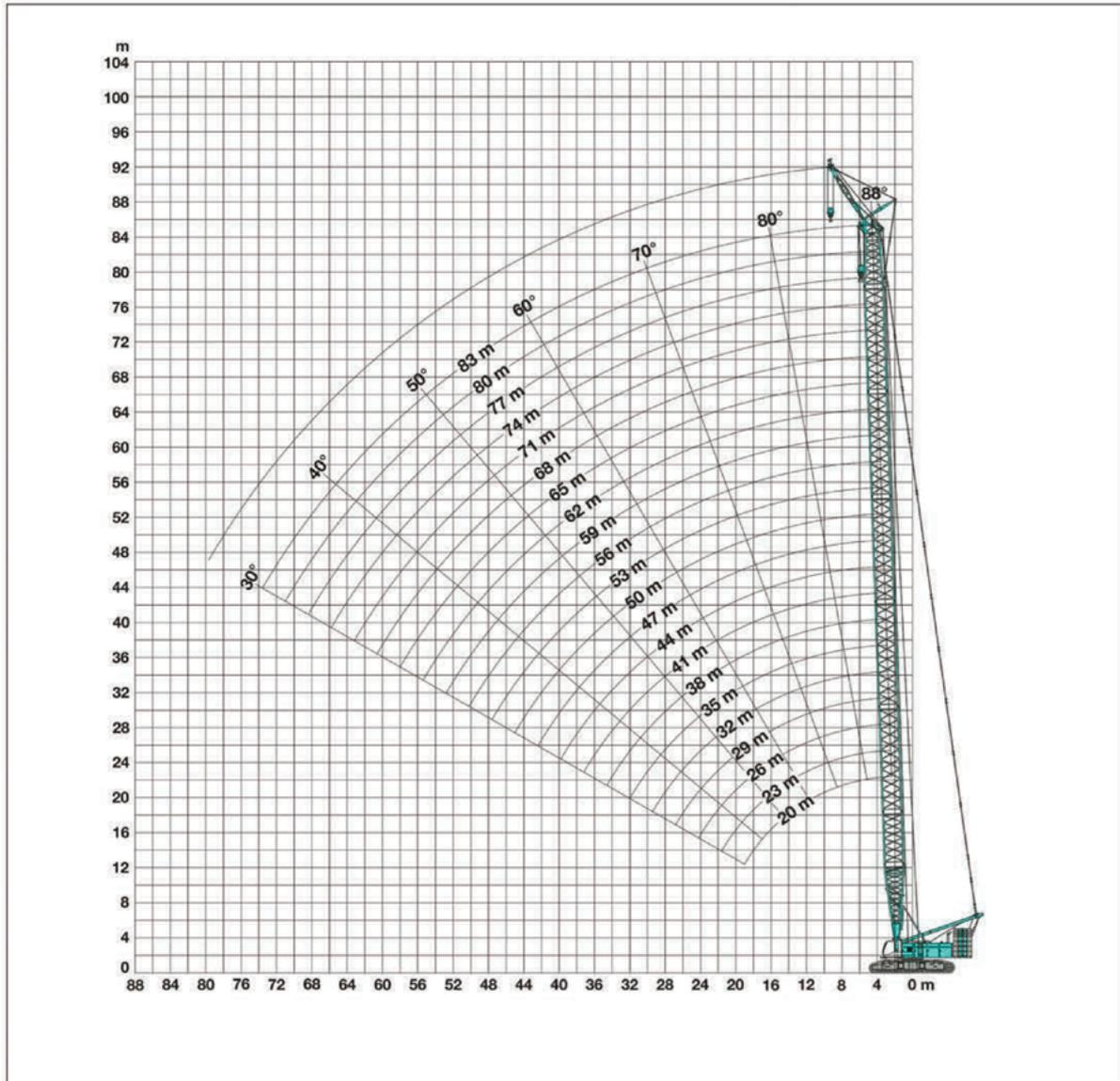
Lifting Capacities

Rear counterweight 124t and Carbody counterweight 52.6t, 360°

Radius	Main Boom (m)																	Radius							
	20	23	26	29	32	35	38	41	44	47	50	53	56	59	62	65	68		71	74	77	80	83		
6.4											189.3													6.4	
7										194.2	189.3	179.0	169.3	159.9											7
8							184.6	181.8	178.4	172.9	168.6	164.8	161.3	157.6	151.1	143.5	135.5	127.7	118.7	110.7	103.1	95.6		8	
9						170.0	166.0	163.2	160.2	157.1	154.1	150.0	146.1	142.2	138.5	135.5	131.7	127.7	118.7	110.7	103.1	95.6		9	
10			161.2	158.6	156.5	154.6	152.3	149.2	145.7	142.8	139.9	137.3	134.5	131.6	127.6	124.0	120.2	116.8	111.8	106.9	101.7	95.6		10	
11		30.1	148.8	146.2	143.0	140.9	138.7	137.2	135.0	131.7	128.4	125.8	123.0	120.4	117.9	115.4	112.0	108.6	103.7	100.3	96.0	91.1		11	
12		136.7	136.7	134.0	132.8	129.8	127.3	125.9	124.0	122.3	119.6	116.6	113.5	110.9	108.4	106.4	103.5	101.5	97.8	95.5	91.8	87.5		12	
13		125.3	125.2	124.4	123.2	122.2	118.0	116.3	114.4	112.8	110.9	109.1	106.0	103.1	100.5	98.6	95.7	93.8	90.5	89.6	87.5	84.9		13	
14		115.5	115.5	115.0	114.1	112.8	110.3	108.5	106.2	104.5	102.8	101.3	99.0	97.0	94.1	92.1	89.0	87.1	84.1	83.4	81.3	79.4		14	
16		99.5	99.5	99.1	99.2	98.2	95.6	95.0	93.5	91.6	89.6	88.3	86.2	84.5	82.8	81.6	78.9	76.8	73.9	73.4	71.3	69.5		16	
18		85.8	86.0	85.9	86.0	85.8	84.2	83.4	82.3	81.3	79.9	78.7	76.4	74.5	73.0	71.9	69.6	68.3	66.1	65.9	64.1	62.3		18	
20		74.2	74.5	74.4	74.6	74.3	73.8	73.8	73.2	72.3	71.3	70.4	68.8	67.0	65.4	64.1	61.8	61.0	59.1	58.8	57.4	56.3		20	
22		65.4	65.4	65.3	65.5	65.3	64.8	64.7	64.4	64.2	63.8	63.1	62.0	60.6	59.5	58.2	55.8	55.1	53.2	52.8	51.6	50.6		22	
24		58.0	58.0	58.0	58.3	58.0	57.5	57.5	57.1	56.9	56.5	56.4	56.0	55.0	54.0	52.9	51.0	50.5	48.6	47.9	46.8	45.8		24	
26				51.9	52.2	52.0	51.5	51.5	51.1	50.9	50.5	50.4	50.0	49.7	49.2	48.3	46.6	46.1	44.8	44.0	43.0	41.8		26	
28				47.2	47.0	47.0	46.5	46.5	46.1	45.9	45.5	45.3	45.0	44.7	44.3	44.1	42.8	42.3	41.3	40.4	39.5	38.6		28	
30				42.8	42.7	42.7	42.3	42.2	41.9	41.6	41.2	41.1	40.7	40.4	40.1	39.8	39.5	38.9	38.1	37.2	36.3	35.6		30	
32					38.9	38.9	38.9	38.5	38.2	37.9	37.6	37.4	37.0	36.7	36.4	36.1	35.8	35.5	34.9	34.3	33.5	32.8		32	
34						35.6	35.4	35.3	35.0	34.8	34.4	34.2	33.9	33.5	33.2	32.9	32.6	32.2	31.9	31.5	30.8	30.1		34	
36						15.1	32.5	32.5	32.2	31.9	31.6	31.4	31.0	30.7	30.4	30.1	29.8	29.4	29.1	28.8	28.3	27.7		36	
38							30.0	30.0	29.7	29.5	29.1	28.9	28.6	28.3	27.9	27.7	27.3	26.9	26.6	26.3	25.9	25.5		38	
40							27.8	27.8	27.5	27.2	26.9	26.7	26.4	26.0	25.7	25.4	25.1	24.7	24.3	24.1	23.7	23.4		40	
42								25.4	25.4	25.2	24.9	24.7	24.4	24.1	23.7	23.5	23.1	22.7	22.3	22.1	21.7	21.4		42	
44								23.6	23.6	23.4	23.1	22.9	22.6	22.3	20.3	21.7	21.3	20.9	20.6	20.3	19.9	19.6		44	
46										21.8	21.4	21.3	20.9	20.6	18.8	20.0	19.7	19.3	18.9	18.7	18.3	17.9		46	
48											19.9	19.8	19.4	19.2	17.4	18.6	18.2	17.8	17.4	17.2	16.8	16.4		48	
50											18.5	18.4	18.1	17.8	14.5	17.2	16.8	16.5	16.1	15.8	15.4	15.1		50	
55												15.1	15.1	14.8	12.1	14.3	13.9	13.5	13.1	13.0	12.6	12.2		55	
60															11.9	11.5	11.5	11.2	10.8	10.6	10.2	9.8		60	
65															9.8	9.4	9.4	9.1	8.7	8.4	7.9	7.5		65	
70																		7.1	6.7	6.4	5.9	5.5		70	
75																				4.6	4.1	3.7		75	

Working Range Main Boom 88° - 30°

Fixed Jib (No.0906.21) offset 30°



Main Boom Configuration (No.2821.xx)

Configuration for boom lengths between 20m and 83m																							
	Length	Amount of boom extensions																					
Boom foot	10m	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Boom insert	3m	1		1		1		1		1		1		1		1		1		1			
Boom insert	6m		1	1		1	1		1	1		1	1		1	1		1	1		1		
Boom insert	12m				1	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4	5	5	5
Boom head	7m	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Boom length (m)		20	23	26	29	32	35	38	41	44	47	50	53	56	59	62	65	68	71	74	77	80	83

Lifting Capacities

Rear Counterweight 124t, Carbody Counterweight 52.6t, 7m Fixed Jib - 30° Offset, 360°

Radius	Main Boom (m)																			Radius				
	20	23	26	29	32	35	38	41	44	47	50	53	56	59	62	65	68	71	74		77	80	83	
8										83.1													8	
9									81.4	81.7	81.9	82.2	82.4	82.3	82.1	81.8	91.5	81.0	80.9	80.2	80.2	79.4	77.7	9
10									79.2	79.7	79.8	80.0	80.2	80.4	80.6	80.8	80.9	80.9	80.9	80.2	79.4	78.8	77.3	10
11									76.8	77.3	77.8	78.2	78.6	78.8	79.0	79.1	79.3	79.2	79.2	79.1	78.8	78.8	77.3	11
12									74.9	75.4	75.8	76.1	76.6	77.0	77.3	77.1	78.1	77.9	77.8	77.6	77.3	77.3	75.2	12
13									73.3	74.1	74.2	74.4	74.9	75.2	75.6	75.9	76.4	76.5	76.5	76.6	76.6	76.2	73.5	13
14									71.2	72.1	72.9	73.6	73.7	73.9	74.2	74.5	74.8	75.0	76.1	75.1	74.8	72.6	72.0	14
16									68.1	68.8	69.5	70.2	70.8	71.5	71.7	72.3	72.8	72.7	72.8	72.6	71.7	68.4	68.4	16
18									65.3	66.2	67.0	67.6	68.1	68.1	68.1	67.6	67.4	68.0	69.4	68.6	67.4	65.8	65.8	18
20									62.5	63.1	62.9	63.9	65.7	66.7	65.2	63.9	62.4	61.8	62.0	61.0	59.9	58.9	58.9	20
22									60.3	60.6	58.9	59.0	59.8	60.6	59.6	58.6	57.6	56.6	55.6	54.7	53.7	52.7	52.7	22
24									57.1	57.9	55.9	54.9	54.9	54.7	53.8	52.9	52.0	51.0	50.1	49.3	48.4	47.5	47.5	24
26									52.0	51.8	51.5	51.3	50.6	49.7	48.8	48.0	47.1	46.3	45.4	44.6	43.8	43.0	43.0	26
28									46.9	46.6	46.3	46.1	45.8	45.4	44.5	43.8	43.0	42.2	41.3	40.6	39.8	39.1	39.1	28
30									42.8	42.3	41.9	41.7	41.4	41.1	40.8	40.1	39.3	38.6	37.8	37.1	36.3	35.6	35.6	30
32									38.8	38.5	38.2	38.0	37.6	37.4	37.0	36.8	36.1	35.4	34.6	34.0	33.2	32.5	32.5	32
34									35.5	35.2	34.9	34.7	34.3	34.1	33.7	33.5	33.2	32.5	31.8	31.2	30.5	29.8	29.8	34
36									32.3	32.3	32.0	31.8	31.5	31.2	30.8	30.5	30.2	29.9	29.3	28.8	28.1	27.4	27.4	36
38									30.1	29.8	29.4	29.2	29.0	28.7	28.3	28.0	27.7	27.4	27.0	26.6	25.9	25.3	25.3	38
40									27.8	27.6	27.2	27.0	26.7	26.4	26.0	25.8	25.5	25.1	24.7	24.5	23.9	23.3	23.3	40
42									25.5	25.5	25.2	25.0	24.6	24.3	24.0	23.8	23.4	23.1	22.7	22.5	22.0	21.4	21.4	42
44									23.9	23.7	23.3	23.1	22.8	22.5	22.1	21.9	21.5	21.2	20.9	20.6	20.3	19.8	19.8	44
46									22.2	22.0	21.6	21.5	21.1	20.8	20.4	20.2	19.9	19.5	19.2	18.9	18.6	18.2	18.2	46
48									20.6	20.4	20.1	19.9	19.6	19.8	18.9	18.7	18.3	18.0	17.6	17.4	17.8	17.8	17.8	48
50									19.0	19.0	18.6	18.5	18.7	17.9	17.5	17.3	16.9	16.6	16.2	16.0	15.6	15.3	15.3	50
55												15.4	15.1	14.8	14.4	14.2	13.9	13.5	13.2	12.9	12.5	12.2	12.2	55
60														12.3	11.9	11.7	11.3	11.0	10.6	10.9	9.8	9.4	9.4	60
65																9.5	9.1	8.7	8.2	7.9	7.4	7.0	7.0	65
70																	6.6	6.1	5.8	5.3	4.9	4.9	4.9	70
75																		4.6	3.9	3.5	3.1	3.1	3.1	75