

Crawler Crane

LR 1400/2

Technical Data



53-20 44th Street
Maspeth, Queens, NY 11378
(718) 784-1776



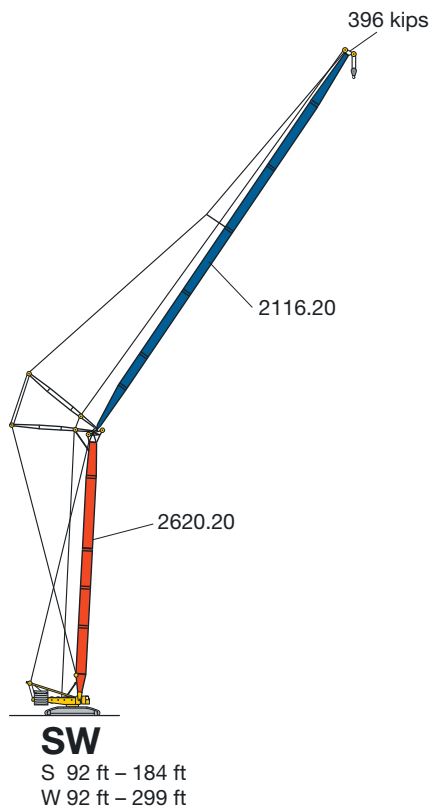
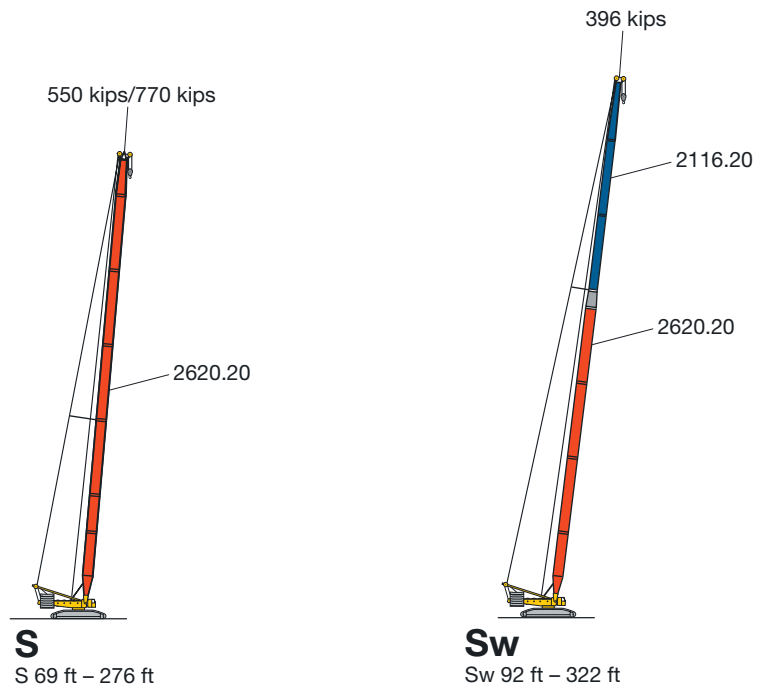
LIEBHERR

Boom/jib combinations

Heavy weight design

S Main boom, heavy

w/W Luffing jib, heavy

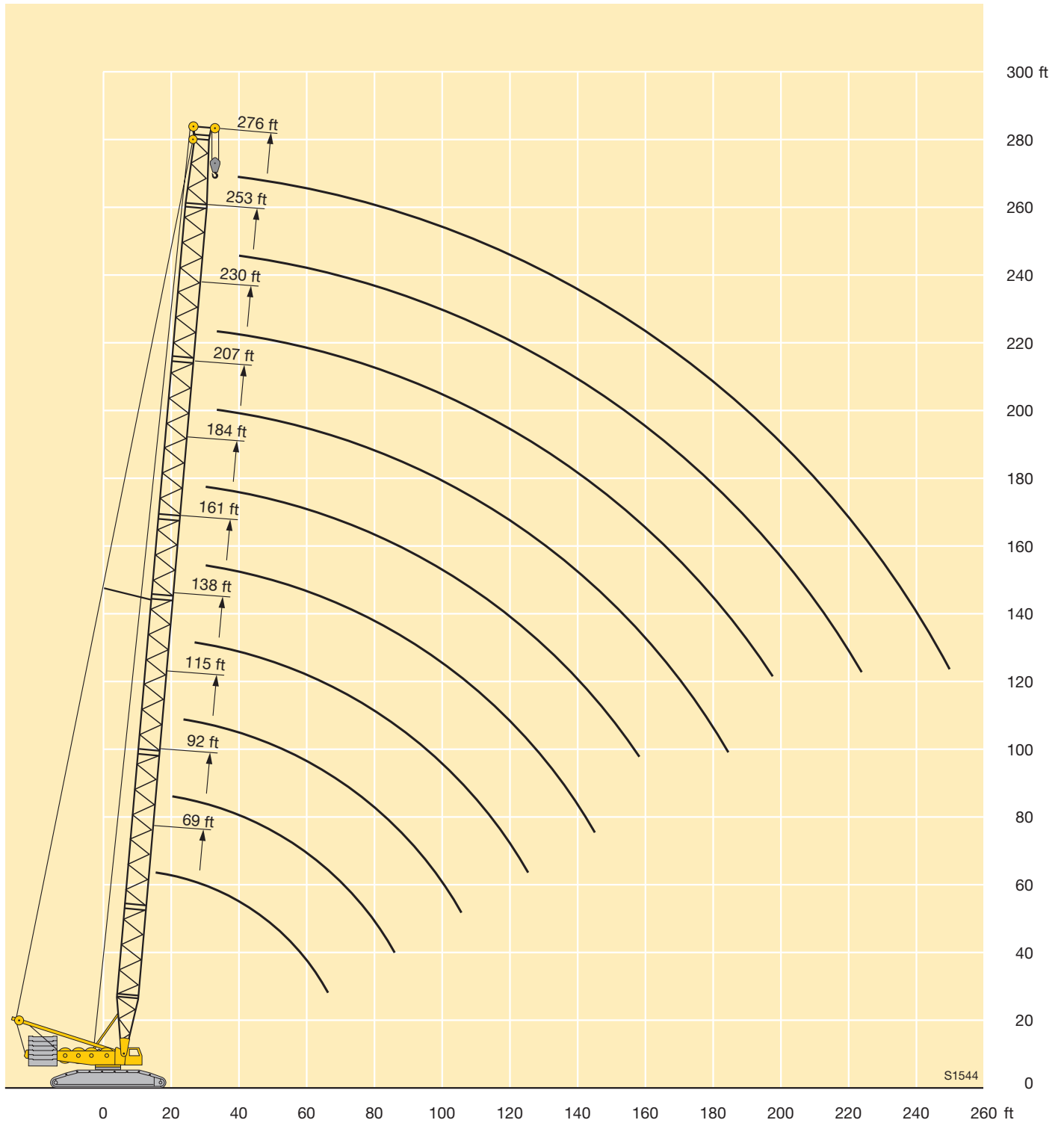


Lifting capacities

S

												
	69 ft	92 ft	115 ft	138 ft	161 ft	184 ft	207 ft	230 ft	253 ft	276 ft	ft	
15	772										15	
16	772										16	
17	762										17	
18	746										18	
19	712										19	
20	679	663									20	
21	649	634									21	
22	621	608									22	
23	595	583	596	581							23	
24	574	562	574	561							24	
26	531	519	531	519							26	
28	495	506	496	485	474						28	
30	462	473	464	453	443	420					30	
32	434	444	436	425	417	394					32	
34	427	419	410	401	392	370	348	319			34	
36	403	395	387	378	370	348	329	310			36	
38	382	375	367	359	350	330	311	295	271		38	
40	363	356	349	340	331	312	295	280	265	239	40	
45	322	315	309	301	291	275	261	248	236	222	45	
50	281	278	275	268	259	246	234	222	211	201	50	
55	246	245	243	238	232	221	210	200	190	182	55	
60	217	216	215	212	209	199	190	181	172	164	60	
65	194	193	192	189	188	182	173	165	157	150	65	
70		174	173	171	169	166	159	151	144	137	70	
75		159	157	155	153	151	146	139	132	126	75	
80		145	144	141	140	138	134	128	122	116	80	
85		134	132	129	128	126	124	118	112	107	85	
90			122	119	118	116	114	110	104	99	90	
95			113	111	109	107	105	102	97	92	95	
100			106	103	101	98.5	96.5	95	90	85	100	
105				95.5	94	91.5	89.5	87.5	83.5	79	105	
110				89.5	87.5	85.5	83.5	81.5	78	73.5	110	
115				84	82	79.5	77.5	75.5	72.5	68.5	115	
120				79	77	74.5	72.5	70.5	67.5	63.5	120	
125					72.5	70	67.5	65.5	63	58.8	125	
130					68	65.5	63.5	61	58.5	54.4	130	
135					64.5	62	59.7	57.4	54.6	50.6	135	
140					61	58.3	56.1	53.8	50.9	46.9	140	
150						52	49.6	47.2	44.1	40.1	150	
160							44	41.3	38.1	34.1	160	
170							38.9	36	32.9	28.8	170	
180							34.6	31.6	28.4	24.1	180	
190								27.7	24.2	19.7	190	
200									20.4	15.8	200	
210									17	12.8	210	
220									14.3	10.6	220	
230										8.6	230	
240										6.8	240	

TAB 124056 / 124057

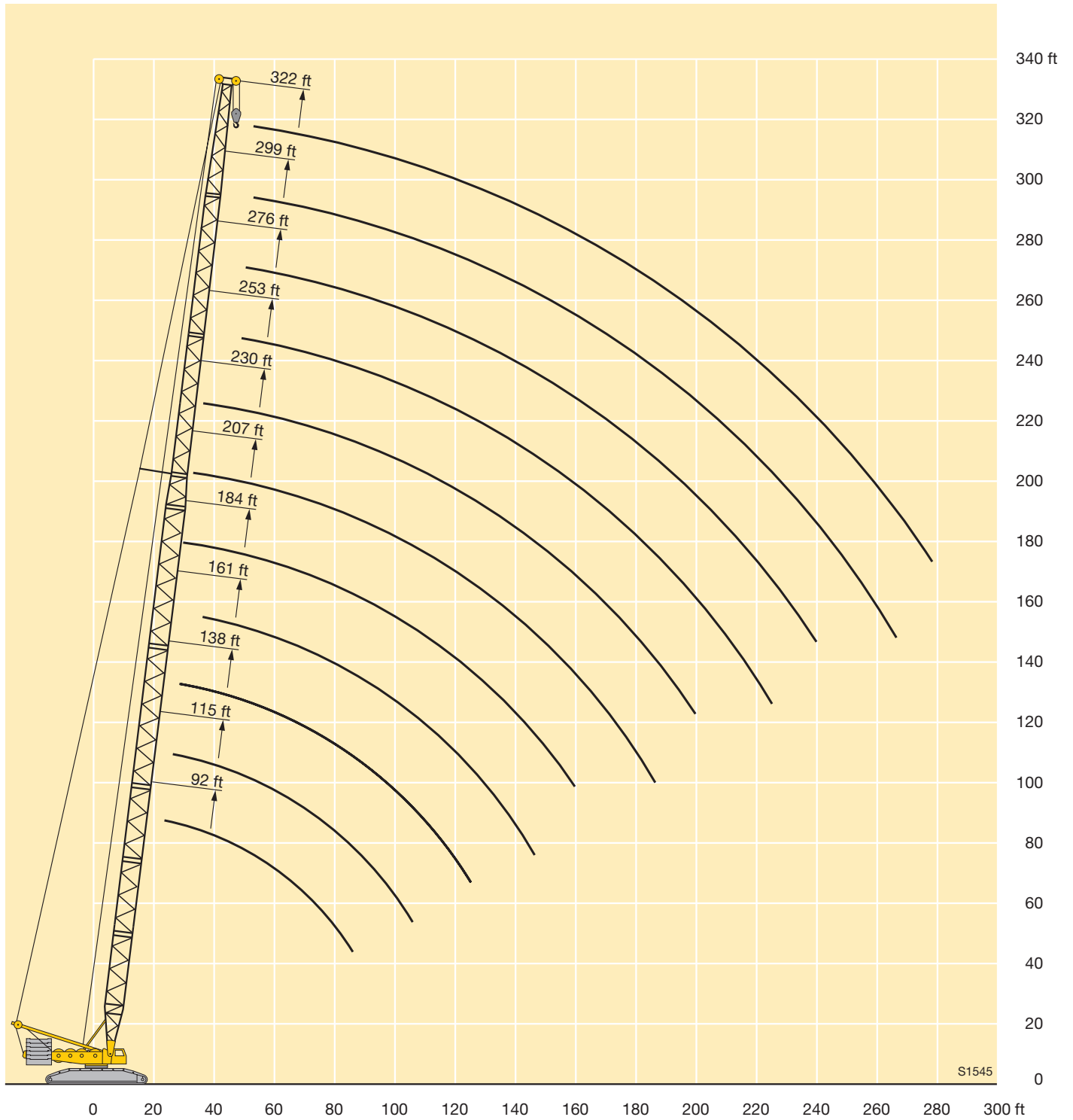


Lifting capacities

Sw

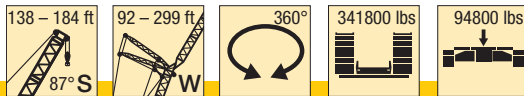
92 ft - 322 ft 360° 341800 lbs 94800 lbs												
ft	92 ft	115 ft	138 ft	161 ft	184 ft	207 ft	230 ft	253 ft	276 ft	299 ft	322 ft	ft
20	397											20
21	397											21
22	397	397										22
23	397	397	397									23
24	397	397	397									24
26	397	397	397									26
28	397	397	397	397	328							28
30	397	397	397	395	319	292						30
32	393	397	385	390	309	281						32
34	387	391	366	379	299	271	243					34
36	367	380	397	365	289	261	238					36
38	397	368	360	352	280	252	234	241				38
40	365	359	352	339	272	244	230	239	220	197		40
45	325	319	314	301	252	224	221	232	216	185		45
50	286	283	280	269	233	206	213	219	207	180	160	50
55	251	251	249	242	216	190	204	202	194	176	158	55
60	222	221	220	219	201	176	192	184	177	170	155	60
65	199	199	197	195	187	163	176	169	162	157	149	65
70	181	180	179	177	174	152	163	156	150	145	138	70
75	165	164	163	161	160	141	151	144	138	134	128	75
80	151	151	149	147	146	130	140	134	128	124	119	80
85	140	139	138	135	134	120	130	125	119	116	110	85
90		129	128	125	124	112	121	116	112	108	103	90
95		120	119	117	115	106	112	109	104	101	96	95
100		112	111	109	108	101	104	102	98	95	90	100
105			104	102	100	95.5	96.5	95	92	89	84.5	105
110			98	95.5	94	91	90.5	88.5	86.5	83.5	79	110
115			92.5	90	88.5	86	84.5	83	81	79	74.5	115
120			87	85	83.5	81	79.5	77.5	76	74.5	70	120
125				80	79	76.5	74.5	73	71.5	70	66	125
130				76	74.5	72.5	70.5	68.5	67	66	62	130
135				72.5	71	68.5	66.5	64.5	63	62.5	58.4	135
140				69	67.5	65	63	61	59.5	58.8	54.8	140
150					61	58.6	56.6	54.6	52.9	52.2	48.1	150
160						53	51	48.9	47.2	46.3	42.2	160
170						48	46.1	44	42.2	41.1	37	170
180						42.4	42	39.8	37.8	36.6	32.5	180
190							38.4	36	33.8	32.5	28.3	190
200								32.4	30.2	28.8	24.5	200
210								29.3	26.9	25.4	21	210
220								26.5	24.1	22.4	17.8	220
230									21.5	19.6	15.1	230
240										17	12.9	240
250										14.6	11.2	250
260										13.1	9.6	260
270											8.2	270

TAB 124009 / 124010



Lifting capacities

SW

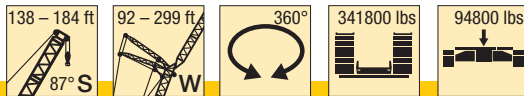


ft	92 ft										115 ft										ft
	92 ft	115 ft	138 ft	161 ft	184 ft	207 ft	230 ft	253 ft	276 ft	299 ft	92 ft	115 ft	138 ft	161 ft	184 ft	207 ft	230 ft	253 ft	276 ft	299 ft	
40	305										299										40
45	287	273									274	258									45
50	262	252									249	239									50
55	238	229	220								227	218	210								55
60	218	210	202	195							208	200	193	185							60
65	201	194	186	180	168	138					192	185	178	172	156						65
70	186	180	173	167	160	138					178	172	166	161	152						70
75	173	168	162	156	150	137	118				166	161	155	150	144	127	110				75
80	160	157	151	146	141	134	117	98			156	150	145	140	135	125	109	92			80
85	147	147	142	137	132	127	116	98	82.5		146	141	136	132	127	122	108	91.5	77.5		85
90	137	137	134	129	124	120	114	97.5	82.5		137	133	129	124	120	116	107	91	77.5		90
95	128	128	126	122	117	113	109	97	82	65	127	126	122	118	113	109	104	90.5	77	61.5	95
100		119	119	115	111	107	103	96	81.5	64.5		119	115	111	107	103	99	90.5	76.5	61	100
105		112	111	109	105	101	97.5	94.5	81	64		112	109	106	102	98	93.5	85.5	76	60.5	105
110		106	105	104	100	96.5	93	89.5	81	63.5		105	104	101	96.5	93	89	81.5	75.5	60.5	110
115		99.5	99	98	95.5	91.5	88	85	79.5	63.5		99	98.5	96	92	88.5	84.5	77.5	75	59.9	115
120			93.5	92.5	91	87.5	84	81	77	63			93	91.5	87.5	84.5	80.5	73.5	74	59.5	120
125			88.5	87.5	86.5	83	80	77	73.5	62.5			88	87.5	83.5	80.5	76.5	70.5	71	59	125
130			84	83	82	79.5	76.5	73.5	70	62			83.5	83	80	77	73	67	67.5	58.5	130
135				79.5	78	76	73	70	66.5	61				79	77	73.5	70	64	64.5	57.7	135
140				75.5	74.5	73	70	67	63.5	59.6				75.5	73.5	70.5	67	58.6	61.5	56.7	140
150				69	67.5	66.5	64	61	57.8	55.4				68.5	67.5	64.5	61	53.3	55.9	52.7	150
160					61.5	60.5	58.2	55.7	52.4	49.9					61.5	59.1	55.8	48.4	50.6	47.4	160
170					56.5	55.3	53.1	50.6	47.4	44.9					56.4	54.1	50.8	44.1	45.7	42.5	170
180					52.1	50.9	48.7	46.3	43	40.6					52	49.8	46.6	40.2	41.4	38.2	180
190						46.9	44.7	42.3	39.1	36.7						45.9	42.7	36.7	37.5	34.3	190
200							41.1	38.7	35.5	33.1							39.2	33.5	34	30.8	200
210							37.9	35.4	32.2	29.8							36	30.7	30.8	27.6	210
220							35.1	32.6	29.4	26.9							33.4	28.2	28	24.7	220
230								30	26.7	24.1								25.9	25.3	22	230
240								27.6	24.3	21.6									22.9	19.4	240
250									22	19.3									20.7	17	250
260									20	17.1									18.7	15	260
270										15.2										13.6	270
280										13.8										12.4	280

TAB 124125

Lifting capacities

SW



ft	138 ft										161 ft										184 ft							ft
	92 ft	115 ft	138 ft	161 ft	184 ft	207 ft	230 ft	253 ft	276 ft	299 ft	92 ft	115 ft	138 ft	161 ft	184 ft	207 ft	230 ft	253 ft	276 ft	299 ft	92 ft	115 ft	138 ft	161 ft	184 ft	207 ft	230 ft	
40	270																				215							40
45	258	232									242	212																45
50	237	223									225	208									208							50
55	216	208	195								205	198									196	179	157					55
60	199	191	184	168							189	182	172	151							180	173	154					60
65	184	177	171	163	141						175	169	162	148	128						167	161	150	132				65
70	171	165	159	153	140						163	157	151	144	126						156	150	143	130				70
75	160	154	149	143	136	119					153	147	141	137	124	109					146	141	135	127	112	98.5		75
80	150	144	139	134	129	118	101				143	138	133	129	122	108	92				137	132	127	122	111	97	82.5	80
85	141	136	131	126	121	117	100	85.5	70.5		135	130	125	121	116	107	91	79			129	124	119	115	110	96	82	85
90	133	128	124	119	115	110	99.5	85	70.5		127	123	118	114	110	104	90.5	78.5			122	118	113	109	104	94.5	81.5	90
95	126	121	117	113	108	104	98	85	70.5	57.2	121	116	112	108	104	99.5	89.5	78	66	53.2	116	111	107	103	99	93	80.5	95
100		115	111	107	103	99	95	84.5	70	57.1		110	106	102	98.5	94	88.5	77	65.5	53		106	101	97.5	93.5	90	79.5	100
105		109	105	101	97	93.5	90	84	70	56.8		105	100	97.5	93.5	89	86	76.5	65	52.6		100	96	92.5	89	85.5	79	105
110		104	100	96.5	92.5	89	85.5	81	69.5	56.5		100	95.5	92.5	89	85	81.5	76	64.5	52.3		96	91.5	88	84.5	81.5	76.5	110
115		98.5	95.5	91.5	88	84.5	81.5	77.5	69.5	56.1		95.5	91	88.5	84.5	80.5	77.5	74	64	52		91.5	87.5	84	80.5	77.5	73.5	115
120			91	87.5	84	80.5	77.5	74	68.5	55.7			87	84.5	81	77	74	71	63.5	51.7		87.5	83.5	80	77	74	70	120
125			87	83.5	80	77	74	70.5	67.5	55.3			83.5	80.5	77	73.5	70.5	67.5	62.5	51.4			80	76.5	73.5	70.5	66.5	125
130			83	80	76.5	73.5	70.5	67	64.5	54.9			80	77	74	70	67	64.5	60.5	51.1			76.5	73.5	70	67.5	63.5	130
135			79.5	77	73.5	70.5	67.5	64	61.5	54.2			77	74	71	67	64	61.5	58.2	50.7			73.5	70.5	67.5	64.5	61	135
140			75.5	74	70.5	67.5	64.5	61	58.6	53.6			74	71	68	64	61.5	58.9	55.5	50.2			71	67.5	64.5	61.5	58.1	140
150			68	64.5	62	59	55.8	53.1	49.9				65.5	62.5	59	56.1	53.7	50.1	47.1				62.5	59.4	56.6	53		150
160					59.5	56.7	53.9	50.7	47.9	44.5					57.5	54.1	51.2	48.7	45	42.4					54.7	51.9	48.3	160
170					54.6	51.8	49	45.9	43.1	39.7					52.7	49.3	46.5	43.9	40.3	37.8					50.2	47.3	43.7	170
180					50.5	47.6	44.8	41.7	38.9	35.6					48.7	45.3	42.4	39.8	36.2	33.7					46.3	43.3	39.7	180
190						43.8	41	37.9	35.1	31.7						41.6	38.7	36.1	32.5	29.9						39.8	36.1	190
200							37.6	34.4	31.7	28.2						38.4	35.4	32.8	29.1	26.4						36.6	32.9	200
210							34.5	31.3	28.5	25							32.4	29.7	26	23.2							29.9	210
220							31.9	28.6	25.7	22.1							29.8	27	23.2	20.2							27.4	220
230								26.1	23.1	19.4								24.5	20.6	17.3								230
240								23.9	20.7	16.8								22.3	18.1	14.9								240
250									18.5	14.5									15.9	13.2								250
260									16.4	13.2									14.3	12								260
270										12										10.8								270
280										10.9										9.8								280

TAB 124125

Lifting capacities

SW

																												
ft	92 ft										115 ft										ft							
	92 ft	115 ft	138 ft	161 ft	184 ft	207 ft	230 ft	253 ft	276 ft	299 ft	92 ft	115 ft	138 ft	161 ft	184 ft	207 ft	230 ft	253 ft	276 ft	299 ft								
75	158										138										75							
80	147	143									129										80							
85	137	134									121	117									85							
90	128	126									115	111									90							
95	119	118	114								108	105	100								95							
100	111	111	108	104							102	99	95	91.5							100							
105	104	104	102	98.5							96	94.5	90.5	87							105							
110	98.5	98	96.5	93.5							90.5	89.5	86	83							110							
115	93	92.5	91	89	85							85	82	79	75						115							
120		87.5	86	84.5	81	77.5						80.5	78	75	71.5	68					120							
125		82.5	81.5	80.5	77	73.5	69					76.5	74.5	72	68	65					125							
130		78.5	77.5	76.5	73.5	70	66.5					72.5	71.5	69	65.5	62	58.2				130							
135			73.5	72.5	70.5	67	64					69	68	66	62.5	59.3	55.5				135							
140			70	69	67.5	64	61					69	68	66	62.5	59.3	55.5				140							
150			64	63	61.5	58.6	55.6	53	49.4				62	60.5	57.3	54.2	50.5	48			150							
160				57.4	56	53.7	50.7	48.2	44.7	42.1				55.6	52.6	49.7	46.1	43.5	40.6		160							
170				52.7	51.2	49.1	46.2	43.6	40.1	37.4				50.9	48.3	45.4	41.8	39.2	36.1		170							
180				48.6	47.1	45	42.1	39.5	36	33.4				47	44.4	41.5	38	35.3	32.2	28.7	180							
190					43.5	41.3	38.4	35.8	32.3	29.7					40.9	37.9	34.4	31.7	28.7	25	190							
200						38	35	32.5	29	26.3					37.7	34.7	31.2	28.5	25.4	21.6	200							
210						35	32	29.4	25.9	23.2						31.9	28.3	25.5	22.4	18.4	210							
220						32.4	29.4	26.7	23.2	20.3						29.4	25.7	22.9	19.6	15.5	220							
230						27	24.2	20.6	17.6							27.3	23.4	20.4	17	13.5	230							
240						24.8	22	18.2	15.2								21.3	18.2	14.8	12	240							
250							19.9	16	13.5									16.1	13.2	10.6	250							
260							18	14.3	12.1									14.5	12	9.3	260							
270							16.4	13	10.8									13.4	10.8	8.2	270							
280								11.9	9.7										9.8	7.1	280							
290									8.6										8.9	6.2	290							
300									7.7										8.1	5.3	300							
310									6.9												310							

TAB 124128

TAB 124128

																															
 ft	138 ft										161 ft										184 ft										 ft
	92 ft	115 ft	138 ft	161 ft	184 ft	207 ft	230 ft	253 ft	276 ft	299 ft	92 ft	115 ft	138 ft	161 ft	184 ft	207 ft	230 ft	253 ft	276 ft	299 ft	92 ft	115 ft	138 ft	161 ft	184 ft	207 ft	230 ft				
90	113											98										89.5							90		
95	106	102										92.5	89									85							95		
100	101	97										88	84.5	80								80.5	76.5						100		
105	95.5	91.5	88									83.5	80	76								76.5	73						105		
110	91	87	83.5									79.5	76.5	72								73	69	65					110		
115	86.5	83	79.5	76								76	72.5	68.5	66							69.5	66	62					115		
120	82.5	79	75.5	72	68.5							72.5	69.5	65.5	63	59.4						66.5	63	59.1	56				120		
125		75.5	72	68.5	65							69.5	66.5	62.5	60	56.6						63.5	60	56.4	53.4				125		
130		72.5	69	65.5	62							63.5	59.9	57.4	54.1							63.5	60	56.4	51	47.7			130		
135		69.5	66	63	59.4	56.3						61	57.3	54.9	51.6							55.2	51.6	48.7	45.4				135		
140		66.5	63.5	60	56.7	53.7							52.7	50.3	47.1	43.5	40.6					50.8	47.3	44.5	41.4	38.6			140		
150		58.3	55.2	51.9	49	46							48.6	46.3	43.2	39.6	36.6	33.7						43.5	40.8	37.7	34.9	30.5	150		
160		53.9	50.8	47.6	44.7	41.8	38.5	35.3					45	42.7	39.6	35.9	32.5	29.6						40.2	37.5	34.3	31	26.5	160		
170		49.9	47	43.8	40.8	37.7	34.2	31						39.3	36.1	32.3	28.9	25.9	21.1					37.4	34.4	30.9	27.6	22.9	170		
180			43.3	40.1	37.1	34	30.4	27.1	23					36.3	32.9	29.1	25.7	22.5	17.2	13.6					31.5	27.9	24.4	19.5	180		
190			40.2	36.7	33.7	30.6	27	23.6	19.2						30	26.2	22.6	19.2	14.1	11.8						25.1	21.5	16.4	190		
200				33.8	30.6	27.5	23.8	20.3	15.8						27.5	23.5	19.8	16.1	12.3	10.1						22.7	18.8	13.9	200		
210					25.5	22.1	18.2	14.6	11.6						25.5	21.2	17.2	14.1	10.8	8.6						20.7	16.4	12.5	210		
220					23.4	19.8	15.8	12.9	10.1							19.1	15.1	12.5	9.4	7.2							14.6	11.2	220		
230						17.7	13.9	11.5	8.7								13.5	11.2	8.2	6							13.4	10	230		
240						15.8	12.7	10.2	7.5								12.4	10	7									9	240		
250						14.6	11.5	9	6.3								11.5	9	6										8.2	250	
260							10.6	8	5.3									8.1	5.1											260	
270								7.1											7.3											270	
280								6.2																						280	
290								5.5																						290	
300																														300	

TAB 124128

Lifting capacities

SW

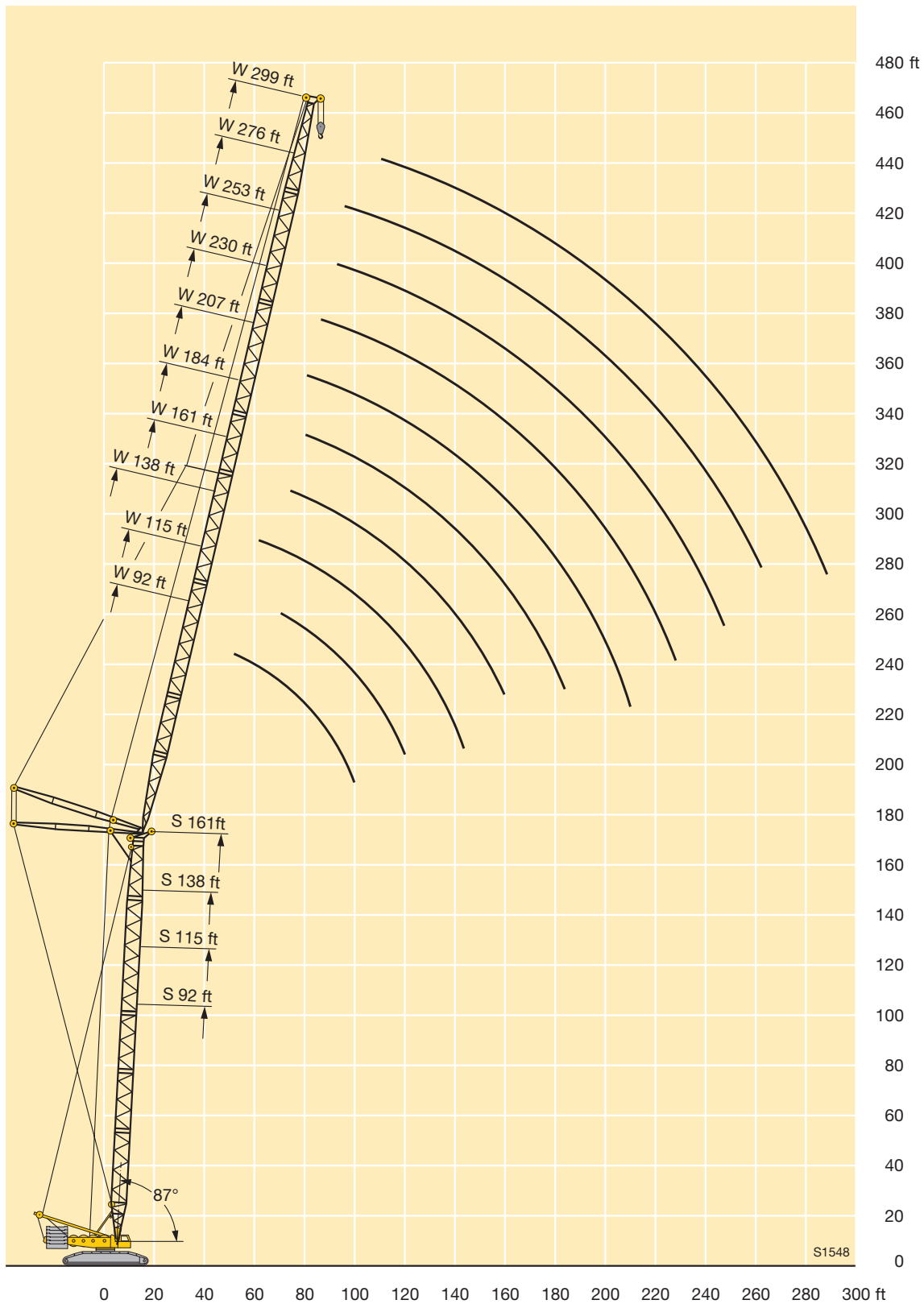
																															
		92 ft										115 ft																			
	ft	92 ft	115 ft	138 ft	161 ft	184 ft	207 ft	230 ft	253 ft	276 ft	299 ft	92 ft	115 ft	138 ft	161 ft	184 ft	207 ft	230 ft	253 ft	276 ft	ft										
100		103																			100										
105		97																			105										
110		91.5																			110										
115		86	85.5									81.5									115										
120		81.5	80.5									77									120										
125		77	76.5	75								73	72								125										
130		73	72.5	71								69.5	68.5								130										
135			69	67.5								66	65								135										
140			66	64.5								63	62								140										
150			59.9	58.4	57.3								56.3	54.8							150										
160				53.3	52.2	50.2								49.9	47.8						160										
170				48.9	47.7	45.7								45.7	43.5						170										
180					44	41.9	38.9							42.1	39.9	36.7	33.6				180										
190					40.6	38.4	35.5	32.4							36.7	33.4	30.3				190										
200						35.3	32.3	29.2	26.5						33.9	30.5	27.4	23.4	20.2		200										
210						32.6	29.5	26.4	23.6	19.6						27.9	24.7	20.7	17.3	13.8	210										
220						30.4	27	23.9	21	16.8						25.6	22.3	18.2	14.9	12.1	220										
230							24.8	21.5	18.5	14.6	12.3					23.9	20.1	15.9	13.2	10.7	230										
240							23	19.4	16.3	12.9	10.7						18.2	14.1	11.8	9.3	240										
250								17.5	14.4	11.5	9.4							12.8	10.5	8	250										
260								15.8	13.1	10.3	8.1							11.8	9.4	6.9	260										
270									12	9.1	7							10.9	8.4	5.9	270										
280									11	8.1	5.9								7.5		280										
290										7.2									6.7		290										
300										6.4									6.1		300										
310										5.7											310										

TAB 124128

TAB 124128

																															
	ft	138 ft								161 ft						184 ft							ft								
		92 ft	115 ft	138 ft	161 ft	184 ft	207 ft	230 ft	253 ft	92 ft	115 ft	138 ft	161 ft	184 ft	207 ft	230 ft	92 ft	115 ft	138 ft	161 ft	184 ft			207 ft							
120	71																							120							
125	68																							125							
130	65																							130							
135	62	59.1								54.3														135							
140	58.9	56.5								52														140							
150		51.7	48.5							47.6	44.8						40.5							150							
160		47.2	44	41						40.8	37						36.8	33.5						160							
170		43.4	40.1	37.1						37.2	33.4						33.7	30.1						170							
180			36.8	33.8	30.3					34.3	30.3	27.7						27.4	23.1	19.4				180							
190			34	30.8	27.2	23.8					27.6	24.8	20.8						20.5	16.5				190							
200				28.1	24.5	21	16.9					22.2	18	13.6					18.2	14.2	11.2	8.4		200							
210					22	18.3	14.3	11.4				19.9	15.5	12	9.2					12.8	9.8	7.1		210							
220					19.8	15.8	12.8	10				18	13.9	10.7	7.9					11.8	8.7	6		220							
230					17.9	14.1	11.4	8.6					12.7	9.5	6.8					10.9	7.7	5		230							
240						12.9	10.2	7.4					11.7	8.5	5.7						6.9			240							
250						11.8	9	6.3						7.5							6.2			250							
260						11	8.1	5.3						6.8							5.8			260							
270							7.2							6.3										270							
280							6.6																	280							

TAB 124128





Crane Rental Service

TRUCK CRANES

Capacities 82 to 200 tons
Booms to 390 feet

HYDRAULIC CRANES

Capacities 8.5 to 625 tons
Booms to 480 feet

CRAWLER CRANES

Capacities 115 to 440 tons
Booms to 512 feet

TOWER CRANES

Favco 750 & 1000 "Kangaroos"
Link-Belt TG-1900's

**Proudly Offering the Largest and Most Diverse
Selection of **LIEBHERR** All Terrain and
Crawler/Luffer Cranes in New York City**