



LIEBHERR LR1400-2 (440T)



EQUIPMENT SPECIFICATIONS



**WITHOUT
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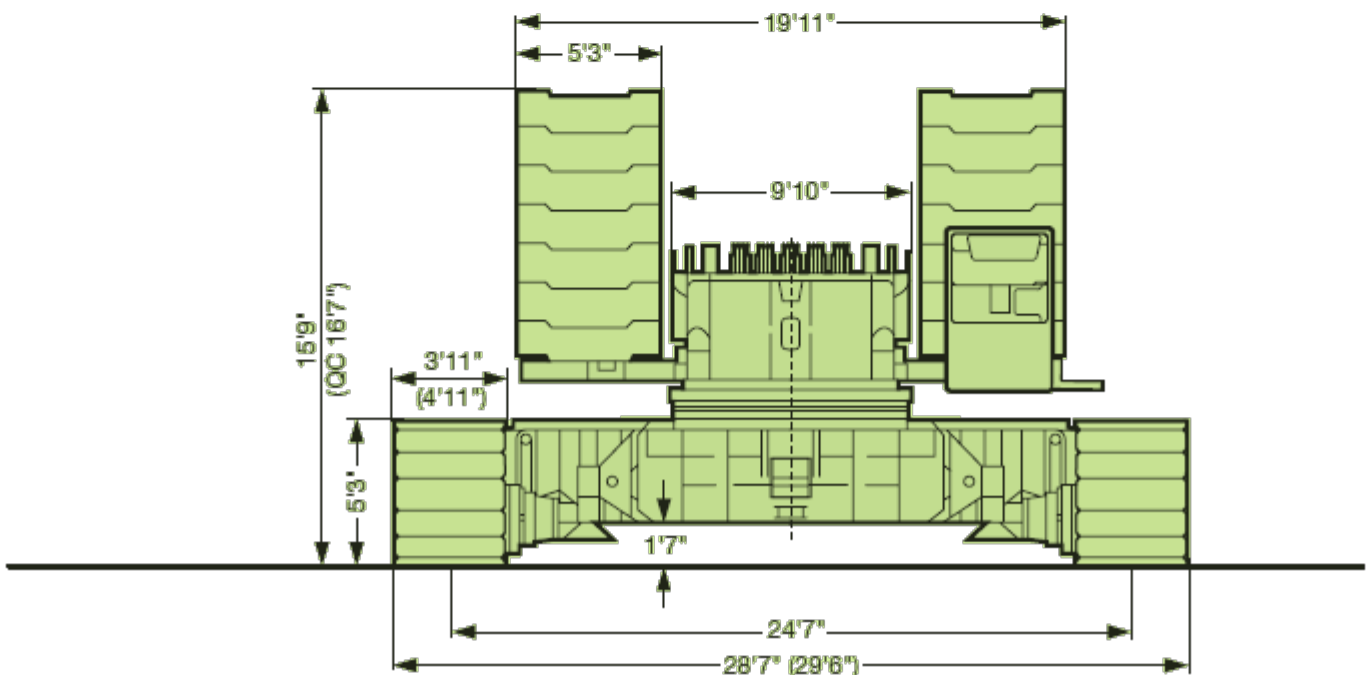
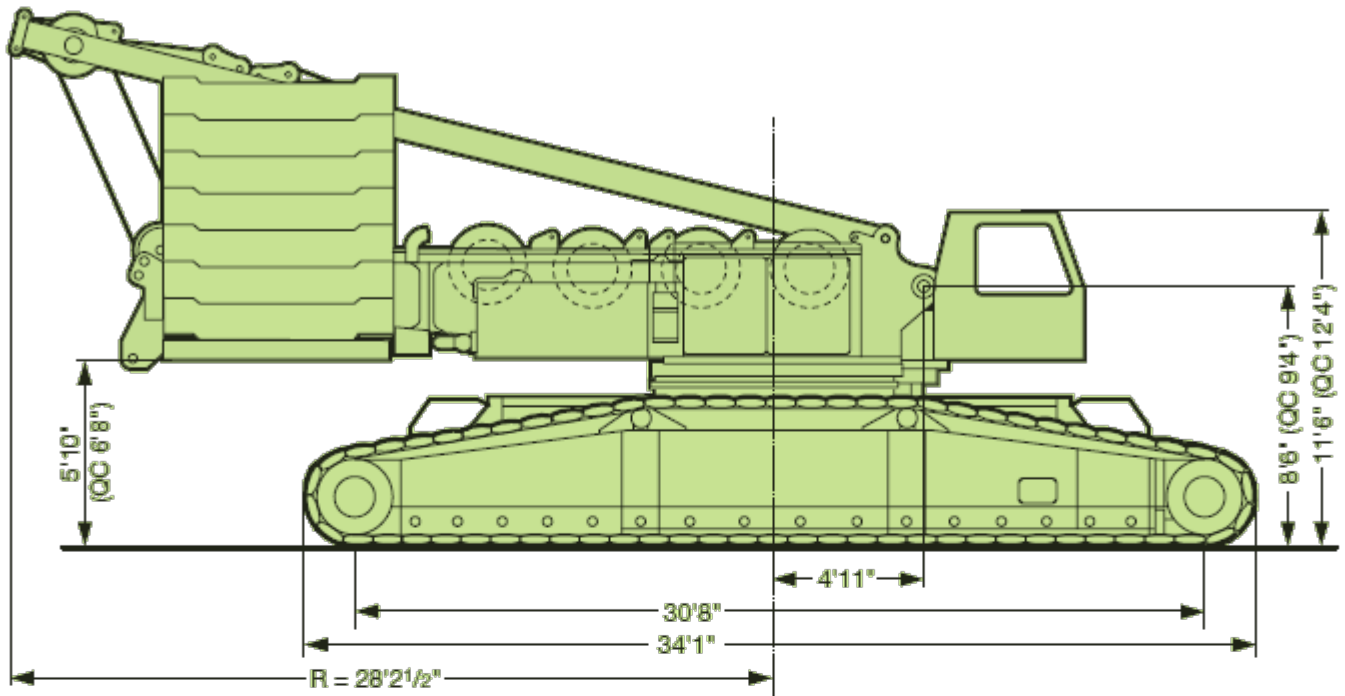
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LIEBHERR LR1400-2 | DIMENSIONS

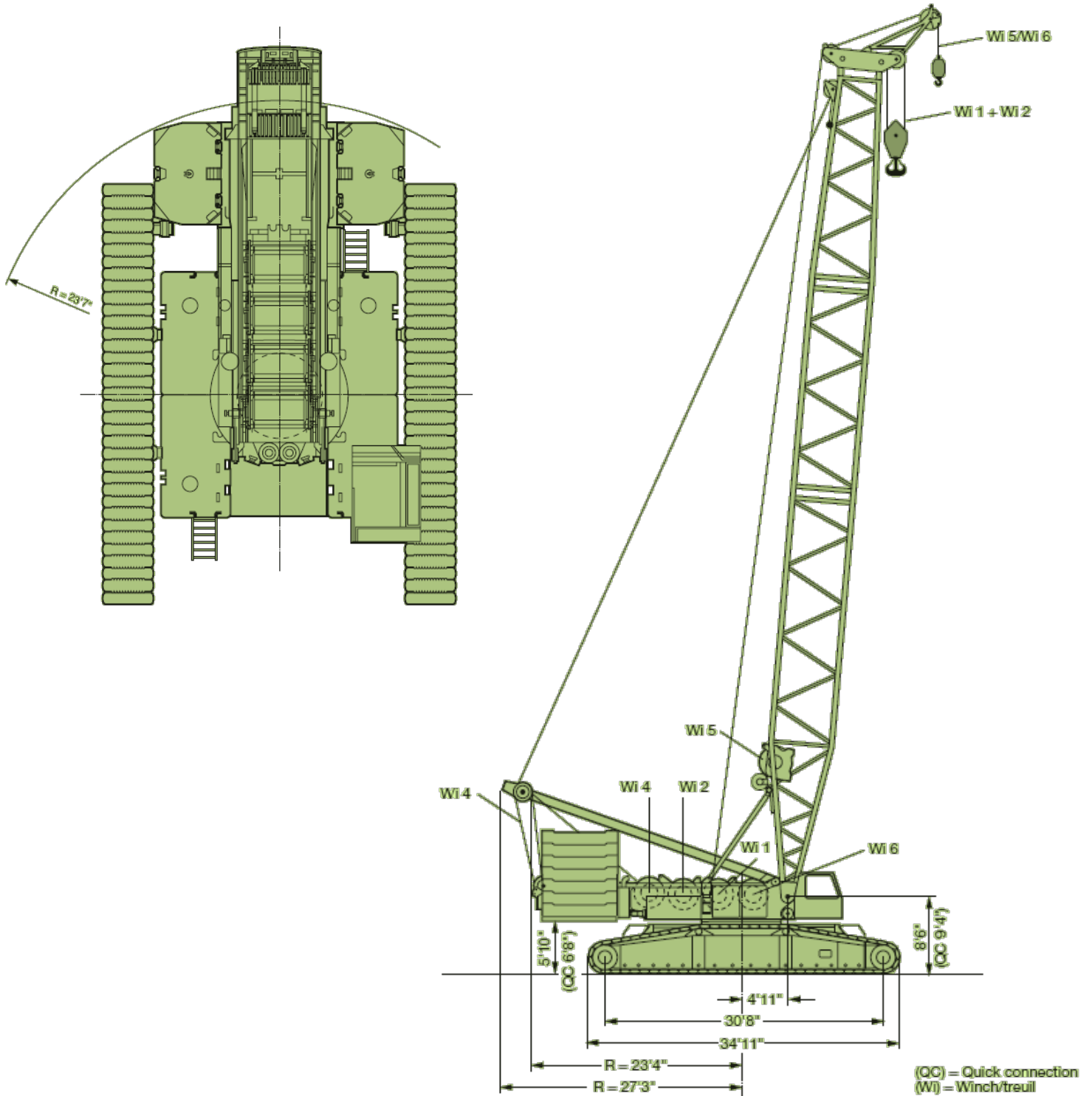




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LIEBHERR LR1400-2 | DIMENSIONS





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LIEBHERR LR1400-2 | PERFORMANCE INFO

Working speeds Vitesse



	Driving force with one drive per crawler carrier Puissance propulsive avec un entraînement par porteur-chenille	471870 lbs
	Total driving force with two drives per crawler carrier Puissance propulsive totale avec deux entraînements par porteur-chenille	769545 lbs
	Total weight with main boom S 89 ft, 297700 lbs counterweight, 94800 lbs central ballast and 176 kips hook block Poids total avec flèche principale S 89 ft, contrepoids de 297700 lbs, lest central de 94800 lbs et moufle de 176 kips	661500 lbs
	Ground pressure at 661500 lbs total weight and 3'3" track pads Pression moyenne au sol à de poids total et pains de chenille de 661500 lbs 3'3"	9.6 lbs/inch ²
		0 - 1.1



Drive Mecanismes	Mode Mode	Speeds Vitesse ft/min	Max. single line pull Effort au brin maxi. lbs	Rope diameter Diamètre du câble "	Rope length Longueur du câble ft
	Hoist gear Mécanisme de levage	0 - 440	27500	1"	2789
	Hoist gear Mécanisme de levage	0 - 440	27500	1"	2789
	Derricking main boom/ D-operation Relevage mât principale/ en version D	0 - 476	28600	1"	3051
	Derrick main boom Relevage mât principale	2 x 0 - 230	2 x 27500	1"	1903
	Derricking lifting fly jib Relevage volée variable	0 - 440	27500	1"	2461
	Hoist gear/Whipline Mécanisme de levage/ Poulie brin simple	0 - 440	27500	1"	1640
		0 - 87 [°]	approx. 4 min. for boom length 161 ft env. 4 min. pour longueur de flèche de 161 ft		
			0 - 1,2 rpm		



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LIEBHERR LR1400-2 | LIFTING CAPACITIES ON SW BOOM

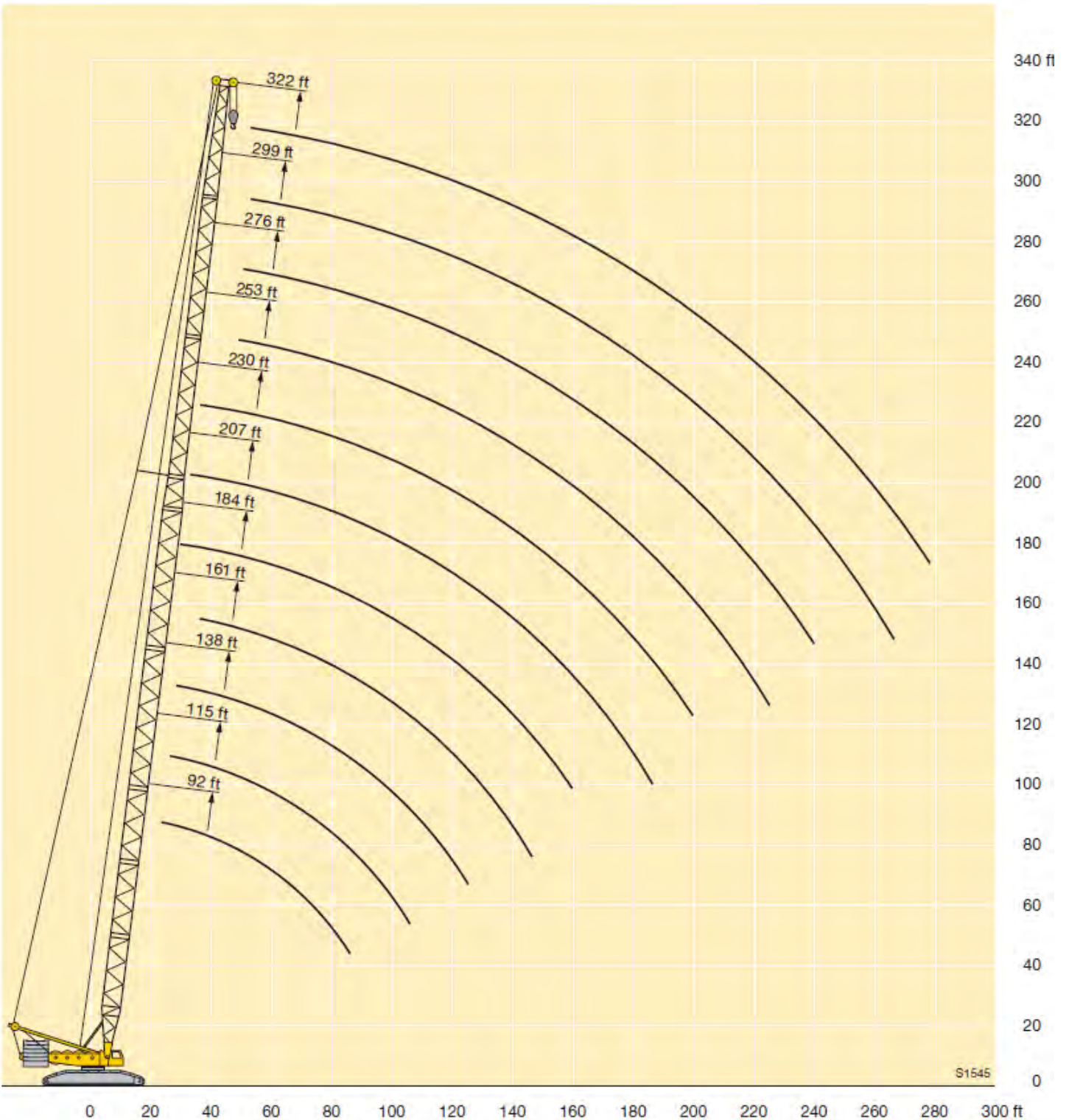
ft	92 ft - 322 ft		360°		341800 lbs		94800 lbs													
	92 ft	115 ft	138 ft	161 ft	184 ft	207 ft	230 ft	253 ft	276 ft	299 ft	322 ft	ft								
20	397												20							
21	397												21							
22	397	397											22							
23	397	397	397										23							
24	397	397	397										24							
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		210							
220									26.5	24.1	22.4		220							
230										21.5	19.6		230							
240											17		240							
250											14.6		250							
260											13.1		260							
270												8.2	270							



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LIEBHERR LR1400-2 | LIFTING HEIGHTS ON SW BOOM





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LIEBHERR LR1400-2 | LIFTING CAPACITY ON SW BOOM/JIB



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							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																									13.6		270		
280																											12.4		280



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LIEBHERR LR1400 | LIFTING CAPACITY ON SW BOOM/JIB



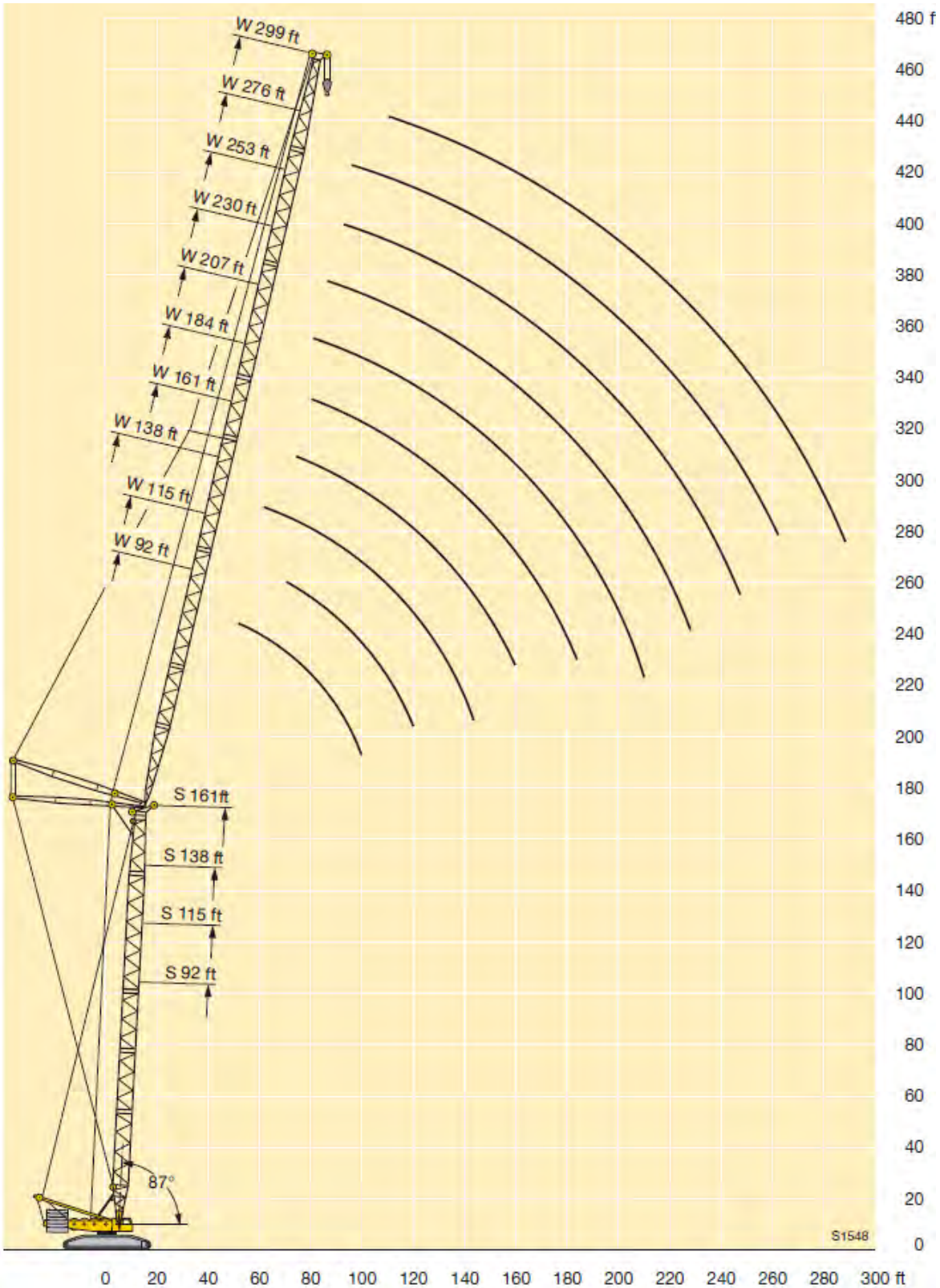
ft	138 ft										161 ft								184 ft						ft			
	92 ft	115 ft	138 ft	161 ft	184 ft	207 ft	230 ft	253 ft	276 ft	299 ft	92 ft	115 ft	138 ft	161 ft	184 ft	207 ft	230 ft	253 ft	276 ft	299 ft	92 ft	115 ft	138 ft	161 ft		184 ft	207 ft	230 ft
40	270										242	212									215							40
45	258	232									225	208									208							45
50	237	223									205	198									196	179	157					50
55	216	208	195								189	182	172	151							180	173	154					55
60	199	191	184	168							175	169	162	148	128						167	161	150	132				60
65	184	177	171	163	141						163	157	151	144	126						156	150	143	130				65
70	171	165	159	152	140						153	147	141	137	124	109					146	141	135	127	112	98.5		70
75	160	154	149	143	136	119					143	138	133	129	122	108	92				137	132	127	122	111	97	82.5	75
80	150	144	139	134	129	118	101				135	130	125	121	116	107	91	79			129	124	119	115	110	96	82	80
85	141	136	131	126	121	117	100	85.5	70.5		127	123	118	114	110	104	90.5	78.5			122	118	113	109	104	94.5	81.5	85
90	133	128	124	119	115	110	99.5	85	70.5		121	116	112	108	104	99.5	89.5	78	66	53.2	116	111	107	103	99	93	80.5	90
95	126	121	117	113	108	104	98	85	70.5	57.2	110	106	102	98.5	94	88.5	77	65.5	53		106	101	97.5	93.5	90	79.5	100	95
100		115	111	107	103	99	95	84.5	70	57.1	105	100	97.5	93.5	89	86	76.5	65	52.6		100	96	92.5	89	85.5	79	105	100
105		109	105	101	97	93.5	90	84	70	56.8	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	110
110		104	100	96.5	92.5	89	85.5	81	69.5	56.5	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	115
115		98.5	95.5	91.5	88	84.5	81.5	77.5	69.5	56.1	87	84.5	81	77	74	71	63.5	51.7			87.5	83.5	80	77	74	70	120	120
120			91	87.5	84	80.5	77.5	74	68.5	55.7	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	125
125			87	83.5	80	77	74	70.5	67.5	55.3	80	77	74	70	67	64.5	60.5	51.1				76.5	73.5	70	67.5	63.5	130	130
130			83	80	76.5	73.5	70.5	67	64.5	54.9	77	74	71	67	64	61.5	58.2	50.7				73.5	70.5	67.5	64.5	61	135	135
135			79.5	77	73.5	70.5	67.5	64	61.5	54.2	74	71	68	64	61.5	58.9	55.5	50.2				71	67.5	64.5	61.5	58.1	140	140
140			75.5	74	70.5	67.5	64.5	61	58.6	53.6	71	68	65.5	62.5	59	56.1	53.7	50.1	47.1			62.5	59.4	56.6	53	150	150	
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	44.5				62.5	59.4	56.6	53	150	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	40.3	37.8					54.7	51.9	48.3	160	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	35.7	33.7					50.2	47.3	43.7	170	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	31.7	29.9					46.3	43.3	39.7	180	180	
190						43.8	41	37.9	35.1	31.7	41.6	38.7	36.1	32.5	29.9	27.9	26.4	24.4						39.8	36.1	190	190	
200								37.6	34.4	31.7	38.4	35.4	32.8	29.1	26.4	24.4	22.4	20.4						36.6	32.9	200	200	
210								34.5	31.3	28.5			32.4	29.7	26	23.2	21.2	19.2							29.9	210	210	
220								31.9	28.6	25.7	22.1			29.8	27	23.2	20.2	18.2							27.4	220	220	
230								26.1	23.1	19.4					24.5	20.6	17.3	15.3								230	230	
240								23.9	20.7	16.8					22.3	18.1	14.9	12.9								240	240	
250									18.5	14.5						15.9	13.2	11.2								250	250	
260									16.4	13.2						14.3	12	10								260	260	
270										12							10.8	9.8								270	270	
280										10.9								9.8								280	280	



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- ✓ **FULL-SERVICE PROVIDER FOR CRANE RENTAL, RIGGING, AND LIFT PLANNING.**
- ✓ **DAILY, WEEKLY, MONTHLY RATES AVAILABLE**
- ✓ **DRY-LEASE AND LONG-TERM RENTALS**
- ✓ **OUR PURPOSE IS TO LEAVE 'NO ROOM FOR DOUBT'!**