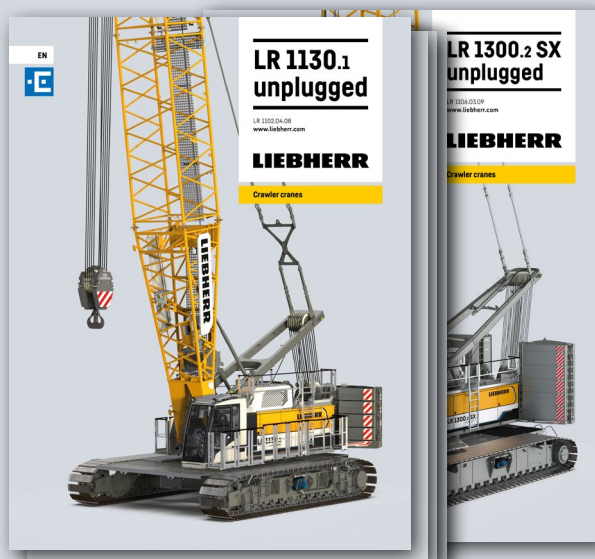
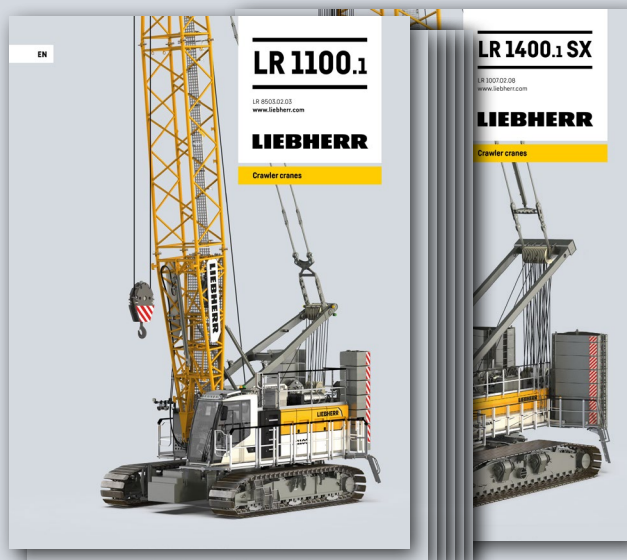


# LR series overview

[www.liebherr.com](http://www.liebherr.com)



# LIEBHERR

Crawler cranes





# LR series diesel-driven

## LR 1100.1 LR 1110

	LR 1100.1	LR 1110
<b>Max. lifting capacity</b>	110 US t	127 US t
<b>Winch line pull</b>	26,977 lbf (7 <sup>th</sup> layer)	26,977 lbf (4 <sup>th</sup> layer)
<b>Diesel engine</b>		
Type	Liebherr D 944 A7-05	Liebherr D 944 A7-04
Power rating according to ISO 9249	230 kW (308 hp) at 1700 rpm	230 kW (308 hp) at 1700 rpm
Exhaust certification	97/68 EG Stage IV; EPA/CARB Tier 4f 97/68 EG Stage V; EPA/CARB Tier 4f ECE-R.96 Power Band H without certified emission standard	97/68 EG Stage IV; EPA/CARB Tier 4f
<b>Main boom</b>	1512.21                      max. 203 ft	1512.xx                      max. 233 ft
<b>Fixed jib</b>	0806.21                      max. 66 ft	0806.xx                      max. 105 ft
Max. combination with main boom + fixed jib	144 (1512.21) + 66 (0806.21)                      210 ft	174 (1512.xx) + 105 (0806.xx)                      279 ft
<b>Luffing jib</b>		1309.xx                      max. 219 ft
Max. combination with main boom + luffing jib		125 (1512.xx) + 219 (1309.xx)                      344 ft 134 (1512.xx) + 190 (1309.xx)                      324 ft
<b>Fixed jib for windmill operation</b>	-	-
<b>Derrick equipment</b>	-	-
<b>Download datasheet</b>		



# LR 1130.1

# LR 1160.1

	LR 1130.1		LR 1160.1	
<b>Max. lifting capacity</b>	151 US t		177 US t	
<b>Winch line pull</b>	26,977 lbf (7 <sup>th</sup> layer)		26,977 lbf (7 <sup>th</sup> layer)	
<b>Diesel engine</b>				
Type	Liebherr D 944 A7-04		Liebherr D 944 A7-04	
Power rating according to ISO 9249	230 kW (308 hp) at 1700 rpm		230 kW (308 hp) at 1700 rpm	
Exhaust certification	97/68 EG Stage IV; EPA/CARB Tier 4f 97/68 EG Stage V; EPA/CARB Tier 4f ECE-R.96 Power Band H without certified emission standard		97/68 EG Stage IV; EPA/CARB Tier 4f 97/68 EG Stage V; EPA/CARB Tier 4f ECE-R.96 Power Band H without certified emission standard	
<b>Main boom</b>	2017.xx	max. 262 ft	2018.xx	max. 287 ft
<b>Fixed jib</b>	0806.xx	max. 105 ft	1008.xx	max. 85 ft
			0806.xx	max. 105 ft
Max. combination with main boom + fixed jib	213 (2017.xx) + 105 (0806.xx)	318 ft	219 (2018.xx) + 85 (1008.xx)	304 ft
	223 (2017.xx) + 76 (0806.xx)	299 ft	229 (2018.xx) + 66 (1008.xx)	295 ft
			248 (2018.xx) + 105 (0806.xx)	353 ft
			258 (2018.xx) + 85 (0806.xx)	343 ft
<b>Luffing jib</b>	1309.xx	max. 258 ft	1309.xx	max. 258 ft
			1713.xx	max. 272 ft
Max. combination with main boom + luffing jib	154 (2017.xx) + 258 (1309.xx)	412 ft	181 (2018.xx) + 258 (1309.xx)	439 ft
	174 (2017.xx) + 161 (1309.xx)	335 ft	191 (2018.xx) + 219 (1309.xx)	410 ft
			171 (2018.xx) + 272 (1713.xx)	443 ft
			181 (2018.xx) + 223 (1713.xx)	404 ft
<b>Fixed jib for windmill operation</b>	-		-	
<b>Derrick equipment</b>	-		-	
<b>Download datasheet</b>				





# LR 1200.1

# LR 1250.1

	LR 1200.1	LR 1250.1
<b>Max. lifting capacity</b>	242 US t	275 US t
<b>Winch line pull</b>	26,977 lbf (7 <sup>th</sup> layer)	26,977 lbf (7 <sup>th</sup> layer)
<b>Diesel engine</b>		
Type	Liebherr D 944 A7-04	Liebherr D 944 A7-04
Power rating according to ISO9249	230 kW (308 hp) at 1700 rpm	230 kW (308 hp) at 1700 rpm
Exhaust certification	97/68 EG Stage IV; EPA/CARB Tier 4f 97/68 EG Stage V; EPA/CARB Tier 4f ECE-R.96 Power Band H without certified emission standard	97/68 EG Stage IV; EPA/CARB Tier 4f 97/68 EG Stage V; EPA/CARB Tier 4f ECE-R.96 Power Band H without certified emission standard
<b>Main boom</b>	2320.xx max. 292 ft	2320.xx max. 282 ft
<b>Fixed jib</b>	0906.21 23 ft 1008.xx max. 85 ft 0806.xx max. 105 ft	0906.21 23 ft 1008.xx max. 85 ft 0806.xx max. 105 ft
Max. combination with main boom + fixed jib	262 (2320.xx) + 23 (0906.21) 285 ft  233 (2320.xx) + 85 (1008.xx) 318 ft 253 (2320.xx) + 56 (1008.xx) 309 ft  262 (2320.xx) + 105 (0806.xx) 367 ft 272 (2320.xx) + 76 (0806.xx) 348 ft	253 (2320.xx) + 23 (0906.21) 276 ft  233 (2320.xx) + 85 (1008.xx) 318 ft 243 (2320.xx) + 56 (1008.xx) 299 ft  253 (2320.xx) + 105 (0806.xx) 358 ft 262 (2320.xx) + 76 (0806.xx) 338 ft
<b>Luffing jib</b>	1713.xx max. 272 ft 1916.xx max. 312 ft	1713.xx max. 272 ft 1916.xx max. 312 ft
Max. combination with main boom + luffing jib	194 (2320.xx) + 272 (1713.xx) 466 ft 213 (2320.xx) + 174 (1713.xx) 387 ft  174 (2320.xx) + 312 (1916.xx) 486 ft 194 (2320.xx) + 203 (1916.xx) 397 ft	194 (2320.xx) + 272 (1713.xx) 466 ft 213 (2320.xx) + 144 (1713.xx) 357 ft  174 (2320.xx) + 312 (1916.xx) 486 ft 194 (2320.xx) + 174 (1916.xx) 368 ft
<b>Fixed jib for windmill operation</b>	✓	✓
<b>Derrick equipment</b>	-	-
<b>Download datasheet</b>		

# LR 1300.1 SX



# LR 1400.1 SX

	LR 1300.1 SX		LR 1400.1 SX	
<b>Max. lifting capacity</b>	331 US t		440 US t	
<b>Winch line pull</b>	33,721 lbf (7 <sup>th</sup> layer)		35,610 lbf (9 <sup>th</sup> layer)	
<b>Diesel engine</b>	Liebherr D 946 A7-04		Liebherr D 966 A7-05	
Type	Liebherr D 946 A7-04		Liebherr D 966 A7-05	
Power rating according to ISO 9249	390 kW (523 hp) at 1700 rpm		450 kW (603 hp) at 1700 rpm	
Exhaust certification	97/68 EG Stage IV; EPA/CARB Tier 4f		97/68 EG Stage V; EPA/CARB Tier 4f ECE-R.96 Power Band H without certified emission standard	
<b>Main boom</b>	2821.xx	max. 302 ft	2825.xx	max. 312 ft
<b>Fixed jib</b>	0906.21	23 ft	1507.20	26 ft
	1507.20	26 ft	1713.xx	max. 115 ft
	1008.xx	max. 85 ft	1916.xx	max. 164 ft
	1713.xx	max. 115 ft		
<b>Max. combination with main boom + fixed jib</b>	272 (2821.xx) + 23 (0906.21)	295 ft	282 (2825.xx) + 26 (1507.20)	308 ft
	272 (2821.xx) + 26 (1507.20)	298 ft	262 (2825.xx) + 115 (1713.xx)	377 ft
	262 (2821.xx) + 85 (1008.xx)	347 ft	253 (2825.xx) + 164 (1916.xx)	417 ft
	243 (2821.xx) + 115 (1713.xx)	358 ft		
<b>Luffing jib</b>	1916.xx	max. 312 ft	2316.xx	max. 371 ft
	2316.xx	max. 371 ft	2421.xx	max. 361 ft
<b>Max. combination with main boom + luffing jib</b>	213 (2821.xx) + 312 (1916.xx)	525 ft	213 (2825.xx) + 371 (2316.xx)	584 ft
	233 (2821.xx) + 144 (1916.xx)	377 ft	243 (2825.xx) + 164 (2316.xx)	407 ft
	184 (2821.xx) + 370 (2316.xx)	555 ft	203 (2825.xx) + 361 (2421.xx)	564 ft
	223 (2821.xx) + 125 (2316.xx)	348 ft	233 (2825.xx) + 164 (2421.xx)	397 ft
<b>Fixed jib for windmill operation</b>	✓		✓	
<b>Derrick equipment</b>	✓		✓	
<b>Download datasheet</b>	 		 	

# LR series zero emission battery/electric-powered





## LR 1130.1 unplugged LR 1160.1 unplugged



	LR 1130.1 unplugged		LR 1160.1 unplugged	
<b>Max. lifting capacity</b>	151 US t		177 US t	
<b>Winch line pull</b>	26,977 lbf (7 <sup>th</sup> layer)		26,977 lbf (7 <sup>th</sup> layer)	
<b>Drive system</b>				
Max. drive power	255 kW (45 °C temperature of cooling water)		255 kW (45 °C temperature of cooling water)	
Battery type	High Performance Battery System		High Performance Battery System	
Technology	Li-Ion NMC (nickel manganese cobalt)		Li-Ion NMC (nickel manganese cobalt)	
Gross battery capacity	165 kWh		165 kWh	
Max. charging power	40 kW (CEE socket 63 A / 400 VAC)		40 kW (CEE socket 63 A / 400 VAC)	
<b>Main boom</b>	2017.xx	max. 262 ft	2018.xx	max. 287 ft
<b>Fixed jib</b>	0806.xx	max. 105 ft	1008.xx	max. 85 ft
			0806.xx	max. 105 ft
Max. combination with main boom + fixed jib	213 (2017.xx) + 105 (0806.xx)	318 ft	219 (2018.xx) + 85 (1008.xx)	304 ft
	223 (2017.xx) + 76 (0806.xx)	299 ft	229 (2018.xx) + 66 (1008.xx)	295 ft
			248 (2018.xx) + 105 (0806.xx)	353 ft
			258 (2018.xx) + 85 (0806.xx)	343 ft
<b>Luffing jib</b>	1309.xx	max. 258 ft	1309.xx	max. 258 ft
			1713.xx	max. 272 ft
Max. combination with main boom + luffing jib	154 (2017.xx) + 258 (1309.xx)	412 ft	181 (2018.xx) + 258 (1309.xx)	439 ft
	174 (2017.xx) + 161 (1309.xx)	335 ft	191 (2018.xx) + 219 (1309.xx)	410 ft
			171 (2018.xx) + 272 (1713.xx)	443 ft
			181 (2018.xx) + 223 (1713.xx)	404 ft
<b>Fixed jib for windmill operation</b>	-		-	
<b>Derrick equipment</b>	-		-	
<b>Download datasheet</b>				

# LR 1200.1 unplugged

# LR 1250.1 unplugged

	LR 1200.1 unplugged		LR 1250.1 unplugged	
<b>Max. lifting capacity</b>	242 US t		275 US t	
<b>Winch line pull</b>	26,977 lbf (7 <sup>th</sup> layer)		26,977 lbf (7 <sup>th</sup> layer)	
<b>Drive system</b>				
Max. drive power	255 kW (45 °C temperature of cooling water)		255 kW (45 °C temperature of cooling water)	
Battery type	High Performance Battery System		High Performance Battery System	
Technology	Li-Ion NMC (nickel manganese cobalt)		Li-Ion NMC (nickel manganese cobalt)	
Gross battery capacity	196 kWh		196 kWh	
Max. charging power	40 kW (CEE socket 63 A / 400 V AC)		40 kW (CEE socket 63 A / 400 V AC)	
<b>Main boom</b>	2320.xx	max. 292 ft	2320.xx	max. 282 ft
<b>Fixed jib</b>	0906.21	23 ft	0906.21	23 ft
	1008.xx	max. 85 ft	1008.xx	max. 85 ft
	0806.xx	max. 105 ft	0806.xx	max. 105 ft
Max. combination with main boom + fixed jib	262 (2320.xx) + 23 (0906.21)	285 ft	253 (2320.xx) + 23 (0906.21)	276 ft
	233 (2320.xx) + 85 (1008.xx)	318 ft	233 (2320.xx) + 85 (1008.xx)	318 ft
	253 (2320.xx) + 56 (1008.xx)	309 ft	243 (2320.xx) + 56 (1008.xx)	299 ft
	262 (2320.xx) + 105 (0806.xx)	367 ft	253 (2320.xx) + 105 (0806.xx)	358 ft
	272 (2320.xx) + 76 (0806.xx)	348 ft	262 (2320.xx) + 76 (0806.xx)	338 ft
<b>Luffing jib</b>	1713.xx	max. 272 ft	1713.xx	max. 272 ft
	1916.xx	max. 312 ft	1916.xx	max. 312 ft
Max. combination with main boom + luffing jib	194 (2320.xx) + 272 (1713.xx)	466 ft	194 (2320.xx) + 272 (1713.xx)	466 ft
	213 (2320.xx) + 174 (1713.xx)	387 ft	213 (2320.xx) + 144 (1713.xx)	357 ft
	174 (2320.xx) + 312 (1916.xx)	486 ft	174 (2320.xx) + 312 (1916.xx)	486 ft
	194 (2320.xx) + 203 (1916.xx)	397 ft	194 (2320.xx) + 174 (1916.xx)	368 ft
<b>Fixed jib for windmill operation</b>	✓		✓	
<b>Derrick equipment</b>	-		-	
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# LR 1300.2 SX unplugged

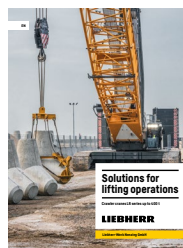
LR 1300.2 SX unplugged	
<b>Max. lifting capacity</b>	331 US t
<b>Winch line pull</b>	33,721 lbf (7 <sup>th</sup> layer)
<b>Drive system</b>	
Max. drive power	438 kW (45 °C temperature of cooling water)
Battery type	High Performance Battery System
Technology	Li-Ion NMC (nickel manganese cobalt)
Gross battery capacity	392 kWh
Max. charging power	40 kW (CEE socket 63 A / 400 V AC)
<b>Main boom</b>	2821.xx                      max. 302 ft
<b>Fixed jib</b>	0906.21                      23 ft 1507.20                      26 ft 1008.xx                      max. 85 ft 1713.xx                      max. 115 ft
Max. combination with main boom + fixed jib	272 (2821.xx) + 23 (0906.21)                      295 ft  272 (2821.xx) + 26 (1507.20)                      298 ft  262 (2821.xx) + 85 (1008.xx)                      347 ft  243 (2821.xx) + 115 (1713.xx)                      358 ft
<b>Luffing jib</b>	1916.xx                      max. 312 ft 2316.xx                      max. 371 ft
Max. combination with main boom + luffing jib	213 (2821.xx) + 312 (1916.xx)                      525 ft 233 (2821.xx) + 144 (1916.xx)                      377 ft  184 (2821.xx) + 370 (2316.xx)                      555 ft 223 (2821.xx) + 125 (2316.xx)                      348 ft
<b>Fixed jib for windmill operation</b>	✓
<b>Derrick equipment</b>	✓
<b>Download datasheet</b>	 



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