

Crawler cranes

LR series

EN-US

		LR 1110	LR 1130.1	LR 1160.1
Capacity				
Max. lifting capacity	US t / lbs	127.3 / 254,600	151.2 / 302,500	200 / 400,000
Winches				
Line pull	lbf	26,977 (4 th layer)	26,977 (7 th layer)	26,977 (7 th layer)
Diesel engine				
Type Liebherr		D 944 A7-04	D 944 A7-04	D 944 A7-04
Power rating according to ISO 9249	kW/hp at 1700 rpm	230/308	230/308	230/308
Exhaust certification		97/68 EC Stage IV EPA/CARB Tier 4f	97/68 EC Stage IV/V EPA/CARB Tier 4f	97/68 EC Stage IV/V EPA/CARB Tier 4f
Main boom				
Main boom	ft	233 (No. 1512.xx)	262 (No. 2017.xx)	287 (No. 2018.xx)
Fixed jib				
Fixed jib	ft	105 (No. 0806.xx)	105 (No. 0806.xx);	85 (No. 1008.xx); 105 (No. 0806.xx)
Max. combination with main boom	ft	279; 174 + 105 (No. 0806.xx)	318; 213 + 105 (No. 0806.xx)	304; 219 + 85 (No. 1008.xx)
	ft			353; 248 + 105 (No. 0806.xx)
Luffing jib				
Luffing jib	ft	219 (No. 1309.xx)	258 (No. 1309.xx)	258 (No. 1309.xx), 272 (No. 1713.xx)
Max. combination with main boom	ft	344; 125 + 219 (No. 1309.xx)	412; 154 + 258 (No. 1309.xx)	439; 181 + 258 (No. 1309.xx)
	ft	324; 134 + 190 (No. 1309.xx)	335; 174 + 161 (No. 1309.xx)	410; 191 + 219 (No. 1309.xx)
	ft			443; 171 + 272 (No. 1713.xx)
	ft			404; 181 + 223 (No. 1713.xx)
Fixed jib for windmill operation		–	–	–
Derrick equipment		–	–	–

		LR 1200.1	LR 1250.1	LR 1300.1 SX
Capacity				
Max. lifting capacity	US t / lbs	242.5 / 484,900	275.5 / 550,000	331.2 / 662,400
Winches				
Line pull	lbf	26,977 (7 th layer)	26,977 (7 th layer)	33,721 (7 th layer)
Diesel engine				
Type Liebherr		D 944 A7-04	D 944 A7-04	D 946 A7-04
Power rating according to ISO 9249	kW/hp at 1700 rpm	230/308	230/308	390/523
Exhaust certification		97/68 EC Stage IV/V EPA/CARB Tier 4f	97/68 EC Stage IV/V EPA/CARB Tier 4f	97/68 EC Stage IV EPA/CARB Tier 4f
Main boom				
Main boom	ft	292 (No. 2320.xx)	282 (No. 2320.xx)	302 (No. 2821)
Fixed jib				
Fixed jib	ft	23 (No. 0906.21); 85 (1008.xx)	23 (No. 0906.21); 85 (1008.xx)	23 (No. 0906.21), 26 (No. 1507.20),
	ft	105 (No. 0806.xx)	105 (No. 0806.xx)	85 (No. 1008.xx), 115 (No. 1713.xx)
Max. combination with main boom	ft	285; 262 + 23 (No. 0906.21)	276; 253 + 23 (No. 0906.21)	358; 243 + 115 (No. 1713.xx)
	ft	318; 233 + 85 (No. 1008.xx)	318; 233 + 85 (No. 1008.xx)	
	ft	367; 262 + 105 (No. 0806.xx)	358; 253 + 105 (No. 0806.xx)	
	ft			
Luffing jib				
Luffing jib	ft	272 (No. 1713.xx); 312 (No. 1916.xx)	272 (No. 1713.xx); 312 (No. 1916.xx)	312 (No. 1916.xx), 371 (No. 2316.xx)
Max. combination with main boom	ft	466; 194 + 272 (No. 1713.xx)	466; 194 + 272 (No. 1713.xx)	525; 213 + 312 (No. 1916.xx)
	ft	446; 203 + 243 (No. 1713.xx)	416; 203 + 213 (No. 1713.xx)	377; 233 + 144 (No. 1916.xx)
	ft	387; 213 + 174 (No. 1713.xx)	357; 213 + 144 (No. 1713.xx)	555; 184 + 371 (No. 2316.xx)
	ft	486; 174 + 312 (No. 1916.xx)	486; 174 + 312 (No. 1916.xx)	348; 223 + 125 (No. 2316.xx)
	ft	446; 184 + 262 (No. 1916.xx)	427; 184 + 243 (No. 1916.xx)	
	ft	397; 194 + 203 (No. 1916.xx)	368; 194 + 174 (No. 1916.xx)	
Fixed jib for windmill operation		✓	✓	✓
Derrick equipment		–	–	✓