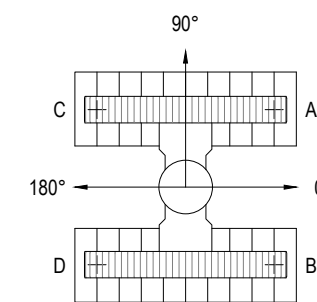


Main Crane		LR 11000
General		
Configuration		SL8DF2B
Derrick Attachment		
Track Width		9.2 x 9.6 m
Boom System		
Main Boom Length		126 m
Jib Length		27 m
Jib Angle		10 °
Counterweight		
Superstructure CW		210 t
Central CW		50 t
Hook Block		
HB Weight		6.7 t
# Reeving		3 x 2
Reeving Capacity		137.9 t

### Ground preparations



Area to be hardened & levelled by the client  
 Ground bearing pressure up to 250 kN/m<sup>2</sup>  
 Level requirements : 0° ± 0.3° (± 0.5%)  
 Compacted material : crushed concrete



LTM 1150-6.1_ 23,3m		
m	t	
3	61,2	
3,5	61,6	
4	62	
4,5	62,5	
5	62,9	
6	63,5	
7	57,7	
8	51,7	
9	46,4	
10	41,9	
11	38,1	
12	34,7	
14	28,8	
16	24,3	
18	20,8	
20	18	

Tailing Crane		LTM 1150-6.1
General		
Configuration		T
Outrigger Base		8.3 x 9.3 m
Boom System		
Main Boom Length		23.3 m
Telescoping		0/0/46/46/0
Counterweight		
Superstructure CW		46.8 t
Hook Block		
HB Weight		0.7 t
# Reeving		1 x 7
Reeving Capacity		59.1 t

Crane	91.6t	Tower Bottom	Top	Crane	69t	Nacelle	Crane	71.6t	Drivetrain	Crane	66.3t	Hub	Crane	20.5t	Blade			
Load Case		1	1	Load Case		1	Load Case		1	Load Case		1	Load Case		1			
		↑	↑			↓			↓			↑			↑			
Crane Parameters				Crane Parameters				Crane Parameters				Crane Parameters				Crane Parameters		
Radius	m	27	39.5	Radius	m	25	Radius	m	28.5	Radius	m	30.5	Radius	m	49.5			
Slew Range	°	247	5	Slew Range	°	64	Slew Range	°	90	Slew Range	°	70	Slew Range	°	296			
Derrick Radius	m	18	12	Derrick Radius	m	12	Derrick Radius	m	12	Derrick Radius	m	12	Derrick Radius	m	18			
Ballast Radius	m	18	12	Ballast Radius	m	12	Ballast Radius	m	12	Ballast Radius	m	12	Ballast Radius	m	18			
Ballast Weight	t	0	0	Ballast Weight	t	0	Ballast Weight	t	0	Ballast Weight	t	0	Ballast Weight	t	0			
Active Ballast Weight	t	0	0	Active Ballast Weight	t	0	Active Ballast Weight	t	0	Active Ballast Weight	t	0	Active Ballast Weight	t	0			
Load Chart Capacity	t	104.3	50.9	Load Chart Capacity	t	108.1	Load Chart Capacity	t	89.5	Load Chart Capacity	t	81.6	Load Chart Capacity	t	32.9			
Load Parameters				Load Parameters				Load Parameters				Load Parameters				Load Parameters		
Load	t	91.6	16.7	Load	t	69	Load	t	71.6	Load	t	66.7	Load	t	21.5			
Tackle	t	0.5	0.5	Tackle	t	0.5	Tackle	t	0.5	Tackle	t	0.5	Tackle	t	0.5			
Hook Block	t	6.7	6.7	Hook Block	t	6.7	Hook Block	t	6.7	Hook Block	t	6.7	Hook Block	t	6.7			
Total Load	t	98.8	23.9	Total Load	t	76.2	Total Load	t	78.8	Total Load	t	73.9	Total Load	t	28.7			
Utilisation				Utilisation				Utilisation				Utilisation				Utilisation		
Load Chart Utilisation	%	94.7	47.0	Load Chart Utilisation	%	70.5	Load Chart Utilisation	%	88	Load Chart Utilisation	%	90.6	Load Chart Utilisation	%	87.2			
Reeving Utilisation	%	71.6	17.3	Reeving Utilisation	%	55.3	Reeving Utilisation	%	57.1	Reeving Utilisation	%	53.6	Reeving Utilisation	%	20.8			
Static Ground Bearing Pressure				Static Ground Bearing Pressure				Static Ground Bearing Pressure				Static Ground Bearing Pressure				Static Ground Bearing Pressure		
A : 5 m (Width)	kN/m <sup>2</sup>	87	150	A : 5 m (Width)	kN/m <sup>2</sup>	100	A : 5 m (Width)	kN/m <sup>2</sup>	59	A : 5 m (Width)	kN/m <sup>2</sup>	132	A : 5 m (Width)	kN/m <sup>2</sup>	158			
B : 5 m (Width)	kN/m <sup>2</sup>	42	146	B : 5 m (Width)	kN/m <sup>2</sup>	139	B : 5 m (Width)	kN/m <sup>2</sup>	125	B : 5 m (Width)	kN/m <sup>2</sup>	190	B : 5 m (Width)	kN/m <sup>2</sup>	98			
C : 5 m (Width)	kN/m <sup>2</sup>	170	27	C : 5 m (Width)	kN/m <sup>2</sup>	45	C : 5 m (Width)	kN/m <sup>2</sup>	59	C : 5 m (Width)	kN/m <sup>2</sup>	0	C : 5 m (Width)	kN/m <sup>2</sup>	74			
D : 5 m (Width)	kN/m <sup>2</sup>	102	23	D : 5 m (Width)	kN/m <sup>2</sup>	84	D : 5 m (Width)	kN/m <sup>2</sup>	125	D : 5 m (Width)	kN/m <sup>2</sup>	51	D : 5 m (Width)	kN/m <sup>2</sup>	15			

rev.	date	description	designed	verified	approved
-	20/07/2022	First Issue	B.B.	W.D.K.	S.A.
equipment:			client:		
Liebherr LR 11000 SL8DF2B 126m + 27m (10°) & Liebherr LTM 1150-6.1			 		
description:					
Lifting WTG components: Overview lifting radius Nordex N149/5.X @ 134m: WTG-Waaijberg					
site:			proj.:		
Netherlands - Hazeldonk					
owner:		drawing type:		size:	
SAR		Lifting Drawing		A3	
appr. state:		project:		scale:	
Concept		S-21-13566		1/1000	
doc No.:			sheet:		
S-22-09036_DR0204			1-1		