



PROJECT:  
LR11000 SL8DF2B 120+12

LOCATION: -----  
 BUCKNER CONTACT: Dan Ives, PE  
 Dani@BucknerHeavyLift.com  
 LIFT PLAN BY: Dan Ives, PE  
 Dani@BucknerHeavyLift.com

DRAWING NOTES:  
Title Page

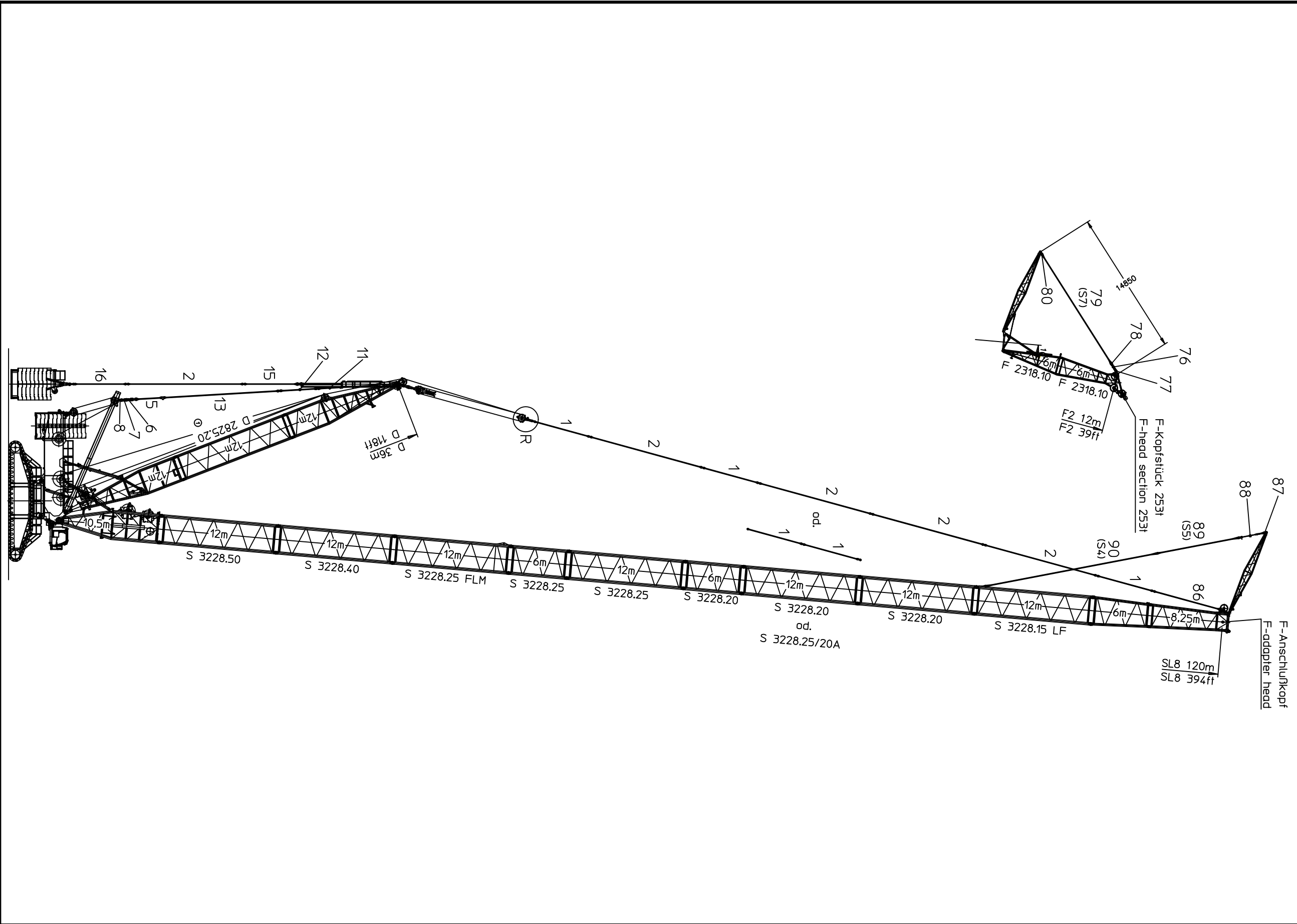
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004	Counterweight Arrangement
005	Reeving Plan
006	Erection and Takedown – DBR 12m
007	Erection and Takedown – DBR 15m
008	Erection and Takedown – DBR 18m
009	Load Chart 1
010	Load Chart 2
011	Balanced Boom

FILE: C:\Buckner\Buckner Heavylift Cranes\Engineering – Documents\Drawings\BHL\Buckner\Build Sheets\LR 11000\LR 11000 – SL8DF2B 120m + 12m (394' + 12m) - 9.10.23.dwg  
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Rev.	Date	Description
000	08.03.2022	Preliminary Planning & Initial Layout
001	08.23.2023	Added LTR Tray
002	----	----
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SHEET: 001 OF 011





PROJECT:  
LR11000 SL8DF2B 120+12

LOCATION: -----  
BUCKNER CONTACT: Dan Ives, PE  
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LIFT PLAN BY: Dan Ives, PE  
Dani@BucknerHeavylift.com

DRAWING NOTES:  
Build Sheet

FILE: C:\Buckner\Buckner Heavylift Cranes\Engineering - Documents\Drawings\BHL\Buckner\Build Sheets\LR 11000\LR 11000 - SL8DF2B 120m + 12m (394' + 12m) - 02.dwg  
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Pos. Item	Description		Page
1 967746908	ROD CPL.	6M	
2 967743808	ROD CPL.	12 M	
5 967846208	PULL ROD	3.3M	
6 917368808	MEASURING PLATE	3000 KN	34
7 967846608	PULL TAB WITH SIGN	0.4M	
8 967845508	DRAW SHACKLE	0.7M	
9 967897608	PULL ROD	3.5M	
11 968026108	DRAWBAR PRE-ASS	6.0M	
12 968026208	PULL ROD	3.9M	
13 967704008	ROD CPL.	12 M	
15 968026008	PULL ROD	5.765M	
16 968242208	PULL ROD	6.050 M	
18 968190108	PULL ROD	2.5M	
19 968190208	PULL ROD	6.005M	
86 96038420	RODS / PULL RODS	7.35M	
87 96035533	BRACKET CPL.		
88 96035475	ROTATING SHAFT		
89 96037814	GUY ROPE CPL.	66X8.5M	
90 96037810	GUY ROPE CPL.	66X18M	
1000 98045570	RODS/ PULL RODS LR 11000	SL8DF2B	

Pos. Item	Description		Page
76 919219108	MEASURING PLATE	1250 KN	19
77 96037041	DRAW SHACKLE	0.6M	
78 96037042	DRAW SHACKLE	0.230M	
79 97122954	FIBRE TENSIONING ROPE	66X13.1M	
80 96035525	DRAW SHACKLE		
81 96037332	GUY ROPE CPL.	66X2.725M	
82 96037007	GUY ROPE CPL.	66X5.45M	
83 96037255	GUY ROPE CPL.	66X10.9M	
84 96039026	DRAW SHACKLE	0.930M	
85 96039027	DRAW SHACKLE	1.630M	
1000 98043732	RODS/ PULL RODS LR 11000	F2	

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DRAWING NOTES:  
Rod Plans

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18.6.2021	098260 (LR 11000) RODS/ PULL RODS LR 11000 SL8DF2B	96042304 Page: 63
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14.5.2019	LR 11000 (098251) RODS/ PULL RODS LR 11000 F2	96039268 Page: 11
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LR11000 SL8DF2B 120+12

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DRAWING NOTES:  
Counterweight Arrangement

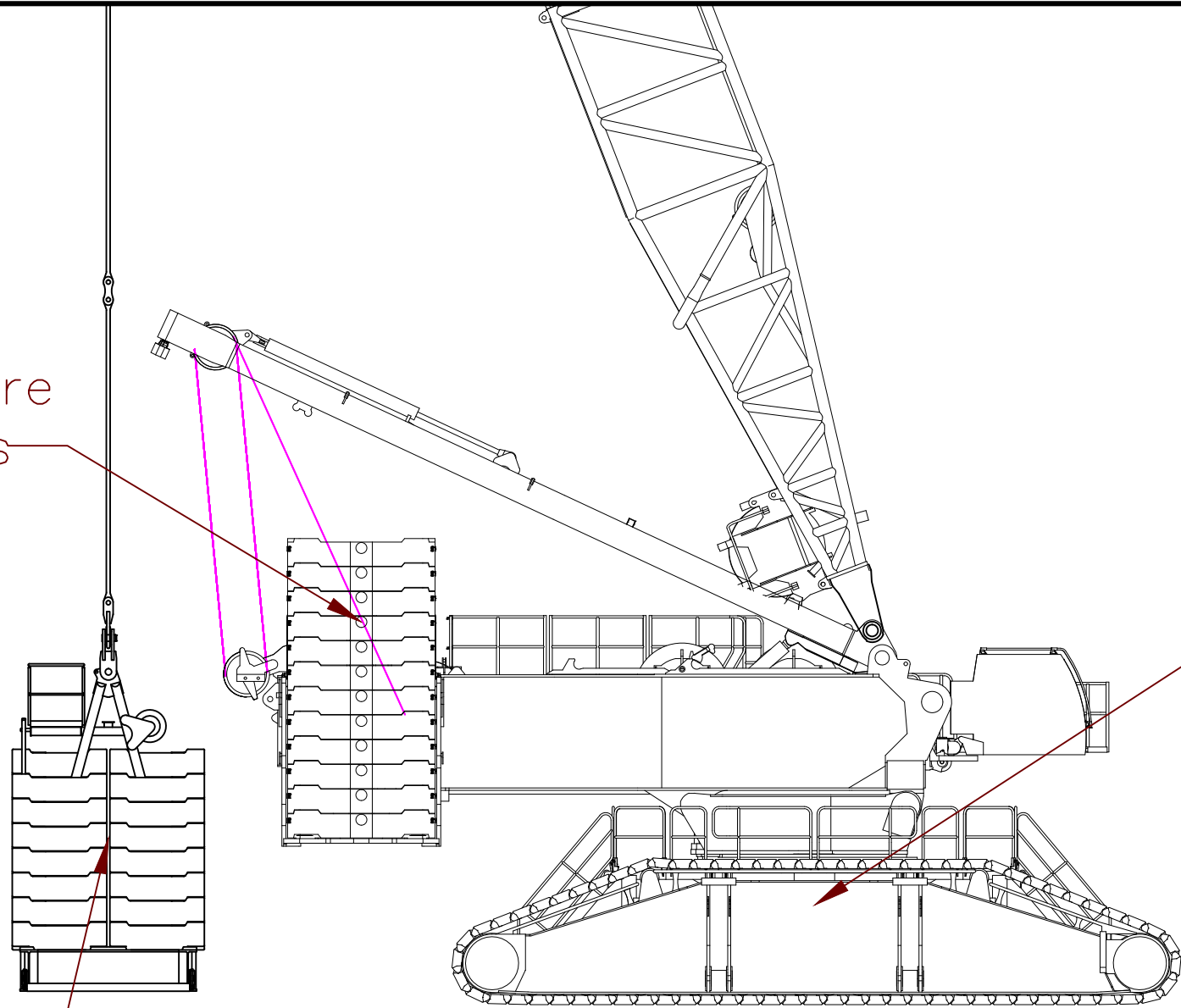
Superstructure  
250 tonnes  
24 rocks

Carbody  
130 tonnes  
12 rocks

Tray  
200 tonnes total

For standard tray: 19  
rocks

For LTR wide tray: 0  
rocks



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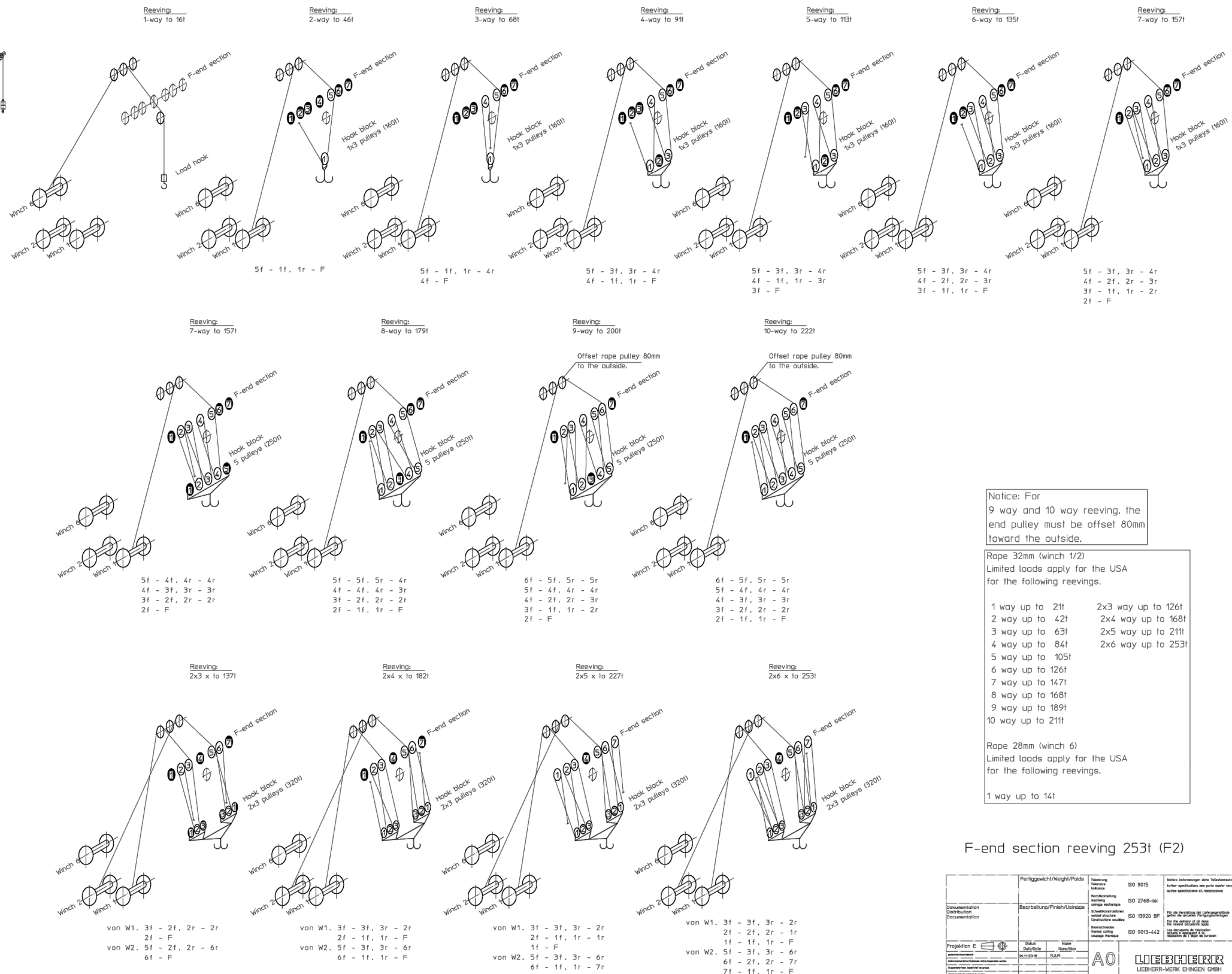
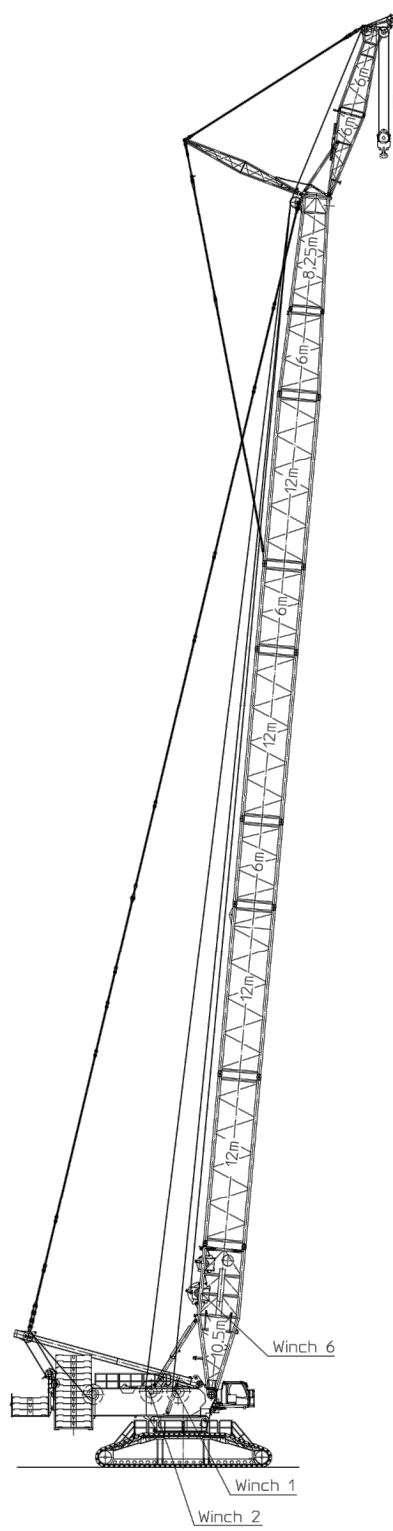
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Notice: For 9 way and 10 way reeving, the end pulley must be offset 80mm toward the outside.

Rope 32mm (winch 1/2)  
Limited loads apply for the USA for the following reeving.

- 1 way up to 21t
- 2 way up to 42t
- 3 way up to 63t
- 4 way up to 84t
- 5 way up to 105t
- 6 way up to 126t
- 7 way up to 147t
- 8 way up to 168t
- 9 way up to 189t
- 10 way up to 211t
- 2x3 way up to 126t
- 2x4 way up to 168t
- 2x5 way up to 211t
- 2x6 way up to 253t

Rope 28mm (winch 6)  
Limited loads apply for the USA for the following reeving.

- 1 way up to 14t

F = Fixpoint = Festpunkt  
f = front = vorne  
r = rear = hinten

Fertiggewicht/Weight/Poids		Technische Zeichnung		ISO 8015
Bearbeitung/Finish/Usinage		Nachherstellung		ISO 2768-mk
Dokumentation		Anforderungen an die Dokumentation		ISO 15926
Projektion E		Anforderungen an die Dokumentation		ISO 9013-442
Skala/Scale		Beschreibung/Description/Description		1:250
REEVING PLAN		F2-END SECTION		1668-722.00.00.014-000
				9804 3912

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DRAWING NOTES:  
Reeving Plan

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SHEET: 005 OF 011  
**BUCKNER**  
HEAVY LIFT CRANES

**SL8DF2B – operation, turntable ballast 250t / central ballast 130t**  
**SL8F2: F-connector head**

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 Page: 1 of 6

On crawlers 9.6m x 9.2m x 2.0m  
 Ground slope: maximum 0.3°  
 Without mechanical auxiliary support

System: S 3228.40/25/20/15  
 D 2825.25/20  
 F 2318.10

**Wind speeds:**  
**maximum 9.0m/s:** for all boom lengths and wind direction 360°.  
**maximum 12.8m/s:** for boom lengths below 140m and wind direction 360°. With a total boom length above 140m (highlighted in gray in the chart), erection / take-down is only permissible with wind from the front or from the rear on the boom. The permissible inflow angle range is ±25°.

SL8DF2B DR 12m DBR 12m			Permissible weight of the hook block [t] on the F2-boom											
			For derrick ballast [t] for derrick radius (DR) 12m / derrick ballast radius (DBR) 12m											
			0	50	100	150	200	250	300	350	400	450		
Main boom length [m]	SL8-102	F2 [m]	12	-	-	5.3	12	18	•	•	•	•	•	
			15	-	-	4	10	17	•	•	•	•	•	
			18	-	-	3.3	9.8	16	•	•	•	•	•	
			21	-	-	2.2	8.4	14	•	•	•	•	•	
			24	-	-	-	7.6	13	19	•	•	•	•	
			27	-	-	-	6.3	12	18	•	•	•	•	
			30	-	-	-	5.9	11	17	•	•	•	•	
			33	-	-	-	4.6	10	16	•	•	•	•	
			36	-	-	-	3.9	9.4	15	•	•	•	•	
			39	-	-	-	2.7	8.1	13	19	•	•	•	
Main boom length [m]	SL8-108	F2 [m]	12	-	-	-	5.3	11	18	•	•	•	•	
			15	-	-	-	4.1	10	16	•	•	•	•	
			18	-	-	-	3.4	9.5	15	•	•	•	•	
			21	-	-	-	2.2	8.2	14	•	•	•	•	
			24	-	-	-	-	7.4	13	19	•	•	•	•
			27	-	-	-	-	6.1	11	17	•	•	•	•
			30	-	-	-	-	5.7	11	16	•	•	•	•
			33	-	-	-	-	4.5	9.9	15	•	•	•	•
			36	-	-	-	-	3.7	9	14	19	•	•	•
			39	-	-	-	-	2.5	7.7	13	18	•	•	•
Main boom length [m]	SL8-114	F2 [m]	12	-	-	-	-	4.2	10	16	•	•	•	
			15	-	-	-	-	3	9	14	•	•	•	
			18	-	-	-	-	2.4	8.2	14	19	•	•	
			21	-	-	-	-	-	6.9	12	18	•	•	
			24	-	-	-	-	-	6.1	11	17	•	•	
			27	-	-	-	-	-	4.9	10	15	•	•	
			30	-	-	-	-	-	4.5	9.9	15	•	•	
			33	-	-	-	-	-	3.3	8.6	13	19	•	
			36	-	-	-	-	-	2.6	7.7	12	17	•	
			39	-	-	-	-	-	-	6.5	11	16	19	

- Hook block weight up to 20t permissible
- Erection not permissible

It may be necessary to use a greater hook block weight than is indicated here. See the load chart manual: Determination of hoist rope reeving and hook block. This heavier hook block must be carried along on the ground during erection / take-down, or the auxiliary weights must be attached after erection and removed before take down.

**SL8DF2B – operation, turntable ballast 250t / central ballast 130t**  
**SL8F2: F-connector head**

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 Page: 2 of 6

On crawlers 9.6m x 9.2m x 2.0m  
 Ground slope: maximum 0.3°  
 Without mechanical auxiliary support

System: S 3228.40/25/20/15  
 D 2825.25/20  
 F 2318.10

**Wind speeds:**  
**maximum 9.0m/s:** for all boom lengths and wind direction 360°.  
**maximum 12.8m/s:** for boom lengths below 140m and wind direction 360°. With a total boom length above 140m (highlighted in gray in the chart), erection / take-down is only permissible with wind from the front or from the rear on the boom. The permissible inflow angle range is ±25°.

SL8DF2B DR 12m DBR 12m			Permissible weight of the hook block [t] on the F2-boom										
			For derrick ballast [t] for derrick radius (DR) 12m / derrick ballast radius (DBR) 12m										
			0	50	100	150	200	250	300	350	400	450	
Main boom length [m]	SL8-120	F2 [m]	12	-	-	-	-	-	3.7	9.5	15	•	•
			15	-	-	-	-	-	2.5	8.2	13	19	•
			18	-	-	-	-	-	-	7.4	13	18	•
			21	-	-	-	-	-	-	6.2	11	17	•
			24	-	-	-	-	-	-	5.4	10	16	19
			27	-	-	-	-	-	-	4.2	9.4	14	17
			30	-	-	-	-	-	-	3.8	9	14	17
			33	-	-	-	-	-	-	2.7	7.7	12	15
			36	-	-	-	-	-	-	-	6.8	11	14
			39	-	-	-	-	-	-	-	5.6	10	13
Main boom length [m]	SL8-126	F2 [m]	12	-	-	-	-	-	-	7.7	12	16	
			15	-	-	-	-	-	-	6.5	11	15	
			18	-	-	-	-	-	-	5.7	10	14	
			21	-	-	-	-	-	-	4.5	9.6	13	
			24	-	-	-	-	-	-	3.8	8.7	12	
			27	-	-	-	-	-	-	2.6	7.4	10	
			30	-	-	-	-	-	-	2.3	7.1	10	
			33	-	-	-	-	-	-	-	5.9	8.9	
			36	-	-	-	-	-	-	-	5.1	8	
			39	-	-	-	-	-	-	-	3.9	6.9	
Main boom length [m]	SL8-132	F2 [m]	12	-	-	-	-	-	-	-	6	9.4	
			15	-	-	-	-	-	-	-	4.7	8.2	
			18	-	-	-	-	-	-	-	4.2	7.6	
			21	-	-	-	-	-	-	-	3	6.3	
			24	-	-	-	-	-	-	-	2.3	5.4	
			27	-	-	-	-	-	-	-	-	4.3	
			30	-	-	-	-	-	-	-	-	4.1	
			33	-	-	-	-	-	-	-	-	2.9	
			36	-	-	-	-	-	-	-	-	2	
			39	-	-	-	-	-	-	-	-	-	

- Hook block weight up to 20t permissible
- Erection not permissible

It may be necessary to use a greater hook block weight than is indicated here. See the load chart manual: Determination of hoist rope reeving and hook block. This heavier hook block must be carried along on the ground during erection / take-down, or the auxiliary weights must be attached after erection and removed before take down.

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 LR11000 SL8DF2B 120+12

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DRAWING NOTES:  
 Erection and Takedown –  
 DBR 12m

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SHEET: 006 OF 011



SL8DF2B – operation, turntable ballast 250t / central ballast 130t  
 SL8F2: F-connector head

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 Page: 3 of 6

On crawlers 9.6m x 9.2m x 2.0m  
 Ground slope: maximum 0.3°  
 Without mechanical auxiliary support

System: S 3228.40/25/20/15  
 D 2825.25/20  
 F 2318.10

**Wind speeds:**

**maximum 9.0m/s:** for all boom lengths and wind direction 360°.  
**maximum 12.8m/s:** for boom lengths below 140m and wind direction 360°. With a total boom length above 140m (highlighted in gray in the chart), erection / take-down is only permissible with wind from the front or from the rear on the boom. The permissible inflow angle range is ±25°.

SL8DF2B DR 15m DBR 15m			Permissible weight of the hook block [t] on the F2-boom										
			For derrick ballast [t] for derrick radius (DR) 15m / derrick ballast radius (DBR) 15m										
			0	50	100	150	200	250	300	350	400	450	
Main boom length [m]	SL8-102	F2 [m]	12	-	-	8.6	16	•	•	•	•	•	•
			15	-	-	7.2	15	•	•	•	•	•	•
			18	-	-	6.5	14	•	•	•	•	•	•
			21	-	-	5.2	12	•	•	•	•	•	•
			24	-	-	4.5	11	18	•	•	•	•	•
			27	-	-	3.3	10	17	•	•	•	•	•
			30	-	-	2.9	9.8	16	•	•	•	•	•
			33	-	-	-	8.5	15	•	•	•	•	•
			36	-	-	-	7.6	14	•	•	•	•	•
			39	-	-	-	6.3	12	19	•	•	•	•
Main boom length [m]	SL8-108	F2 [m]	12	-	-	-	9.6	17	•	•	•	•	•
			15	-	-	-	8.3	15	•	•	•	•	•
			18	-	-	-	7.5	14	•	•	•	•	•
			21	-	-	-	6.2	13	•	•	•	•	•
			24	-	-	-	5.4	12	19	•	•	•	•
			27	-	-	-	4.2	11	17	•	•	•	•
			30	-	-	-	3.8	10	17	•	•	•	•
			33	-	-	-	2.7	9.1	15	•	•	•	•
			36	-	-	-	-	8.2	14	•	•	•	•
			39	-	-	-	-	7	13	19	•	•	•
Main boom length [m]	SL8-114	F2 [m]	12	-	-	-	-	9.4	16	•	•	•	•
			15	-	-	-	-	8.1	15	•	•	•	•
			18	-	-	-	-	7.3	14	•	•	•	•
			21	-	-	-	-	6.1	12	19	•	•	•
			24	-	-	-	-	5.3	11	18	•	•	•
			27	-	-	-	-	4.1	10	17	•	•	•
			30	-	-	-	-	3.7	10	16	•	•	•
			33	-	-	-	-	2.6	8.7	14	•	•	•
			36	-	-	-	-	-	7.9	13	19	•	•
			39	-	-	-	-	-	6.6	12	18	•	•

- Hook block weight up to 20t permissible
- Erection not permissible

It may be necessary to use a greater hook block weight than is indicated here. See the load chart manual: Determination of hoist rope reeving and hook block. This heavier hook block must be carried along on the ground during erection / take-down, or the auxiliary weights must be attached after erection and removed before take down.

SL8DF2B – operation, turntable ballast 250t / central ballast 130t  
 SL8F2: F-connector head

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 Page: 4 of 6

On crawlers 9.6m x 9.2m x 2.0m  
 Ground slope: maximum 0.3°  
 Without mechanical auxiliary support

System: S 3228.40/25/20/15  
 D 2825.25/20  
 F 2318.10

**Wind speeds:**

**maximum 9.0m/s:** for all boom lengths and wind direction 360°.  
**maximum 12.8m/s:** for boom lengths below 140m and wind direction 360°. With a total boom length above 140m (highlighted in gray in the chart), erection / take-down is only permissible with wind from the front or from the rear on the boom. The permissible inflow angle range is ±25°.

SL8DF2B DR 15m DBR 15m			Permissible weight of the hook block [t] on the F2-boom										
			For derrick ballast [t] for derrick radius (DR) 15m / derrick ballast radius (DBR) 15m										
			0	50	100	150	200	250	300	350	400	450	
Main boom length [m]	SL8-120	F2 [m]	12	-	-	-	-	2.8	9.7	16	•	•	•
			15	-	-	-	-	-	8.4	15	•	•	•
			18	-	-	-	-	-	7.6	14	•	•	•
			21	-	-	-	-	-	6.4	12	19	•	•
			24	-	-	-	-	-	5.6	11	18	•	•
			27	-	-	-	-	-	4.4	10	16	•	•
			30	-	-	-	-	-	4	10	16	•	•
			33	-	-	-	-	-	2.8	8.8	14	19	19
			36	-	-	-	-	-	2.1	7.9	13	18	18
			39	-	-	-	-	-	-	6.7	12	17	17
Main boom length [m]	SL8-126	F2 [m]	12	-	-	-	-	-	-	8.9	15	•	•
			15	-	-	-	-	-	-	7.6	14	19	•
			18	-	-	-	-	-	-	6.8	13	18	19
			21	-	-	-	-	-	-	5.6	11	17	18
			24	-	-	-	-	-	-	4.9	10	15	17
			27	-	-	-	-	-	-	3.7	9.6	14	15
			30	-	-	-	-	-	-	3.3	9.1	14	15
			33	-	-	-	-	-	-	2.2	7.9	12	13
			36	-	-	-	-	-	-	-	7	11	12
			39	-	-	-	-	-	-	-	5.8	10	11
Main boom length [m]	SL8-132	F2 [m]	12	-	-	-	-	-	-	2.2	8.4	13	15
			15	-	-	-	-	-	-	-	7.2	12	14
			18	-	-	-	-	-	-	-	6.4	11	13
			21	-	-	-	-	-	-	-	5.2	10	11
			24	-	-	-	-	-	-	-	4.5	9.3	10
			27	-	-	-	-	-	-	-	3.3	8.2	10
			30	-	-	-	-	-	-	-	3	7.8	9.2
			33	-	-	-	-	-	-	-	-	6.5	8.1
			36	-	-	-	-	-	-	-	-	5.6	7.3
			39	-	-	-	-	-	-	-	-	4.5	6.1

- Hook block weight up to 20t permissible
- Erection not permissible

It may be necessary to use a greater hook block weight than is indicated here. See the load chart manual: Determination of hoist rope reeving and hook block. This heavier hook block must be carried along on the ground during erection / take-down, or the auxiliary weights must be attached after erection and removed before take down.

PROJECT:  
 LR11000 SL8DF2B 120+12

LOCATION: -----  
 BUCKNER CONTACT: Dan Ives, PE  
 Dani@BucknerHeavylift.com  
 LIFT PLAN BY: Dan Ives, PE  
 Dani@BucknerHeavylift.com

DRAWING NOTES:  
 Erection and Takedown –  
 DBR 15m

FILE: C:\Buckner\Buckner Heavylift Cranes\Engineering – Documents\Drawings\BHL\Buckner\Build Sheets\LR 11000\LR 11000 – SL8DF2B 120m + 12m (394' + 12m) - 9.10.2023.dwg  
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Revisions

All Sheets Same Revision Level

Rev.	Date	Description
000	08.03.2022	Preliminary Planning & Initial Layout
001	08.23.2023	Added LTR Tray
002	----	----
003	----	----
004	----	----
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SHEET: 007 OF 011



**SL8DF2B – operation, turntable ballast 250t / central ballast 130t**  
**SL8F2: F-connector head**

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 Page: 5 of 6

On crawlers 9.6m x 9.2m x 2.0m  
 Ground slope: maximum 0.3°  
 Without mechanical auxiliary support

System: S 3228.40/25/20/15  
 D 2825.25/20  
 F 2318.10

**Wind speeds:**  
**maximum 9.0m/s:** for all boom lengths and wind direction 360°.  
**maximum 12.8m/s:** for boom lengths below 140m and wind direction 360°. With a total boom length above 140m (highlighted in gray in the chart), erection / take-down is only permissible with wind from the front or from the rear on the boom. The permissible inflow angle range is ±25°.

SL8DF2B DR 18m DBR 18m			Permissible weight of the hook block [t] on the F2-boom										
			For derrick ballast [t] for derrick radius (DR) 18m / derrick ballast radius (DBR) 18m										
			0	50	100	150	200	250	300	350	400	450	
Main boom length [m]	SL8-102	F2 [m]	12	-	2.7	11	•	•	•	•	•	•	•
			15	-	-	10	19	•	•	•	•	•	•
			18	-	-	9.6	18	•	•	•	•	•	•
			21	-	-	8.3	16	•	•	•	•	•	•
			24	-	-	7.4	15	•	•	•	•	•	•
			27	-	-	6.2	14	•	•	•	•	•	•
			30	-	-	5.7	13	•	•	•	•	•	•
			33	-	-	4.5	12	•	•	•	•	•	•
			36	-	-	3.7	11	18	•	•	•	•	•
39	-	-	2.6	10	17	•	•	•	•	•			
Main boom length [m]	SL8-108	F2 [m]	12	-	-	5.2	13	•	•	•	•	•	
			15	-	-	3.9	12	•	•	•	•	•	
			18	-	-	3.2	11	19	•	•	•	•	
			21	-	-	2.1	10	18	•	•	•	•	
			24	-	-	-	9.3	17	•	•	•	•	
			27	-	-	-	8.1	15	•	•	•	•	
			30	-	-	-	7.6	15	•	•	•	•	
			33	-	-	-	6.3	13	•	•	•	•	
			36	-	-	-	5.5	12	•	•	•	•	
39	-	-	-	4.3	11	18	•	•	•	•			
Main boom length [m]	SL8-114	F2 [m]	12	-	-	-	6.3	14	•	•	•	•	
			15	-	-	-	5	13	•	•	•	•	
			18	-	-	-	4.3	12	•	•	•	•	
			21	-	-	-	3.2	10	18	•	•	•	•
			24	-	-	-	2.5	10	17	•	•	•	•
			27	-	-	-	-	8.8	16	•	•	•	•
			30	-	-	-	-	8.3	15	•	•	•	•
			33	-	-	-	-	7	14	•	•	•	•
			36	-	-	-	-	6.2	13	•	•	•	•
39	-	-	-	-	5	11	18	•	•	•			

- Hook block weight up to 20t permissible
- Erection not permissible

It may be necessary to use a greater hook block weight than is indicated here. See the load chart manual: Determination of hoist rope reeving and hook block. This heavier hook block must be carried along on the ground during erection / take-down, or the auxiliary weights must be attached after erection and removed before take down.

**SL8DF2B – operation, turntable ballast 250t / central ballast 130t**  
**SL8F2: F-connector head**

aat\_235\_070\_00001\_00\_001  
 Page: 6 of 6

On crawlers 9.6m x 9.2m x 2.0m  
 Ground slope: maximum 0.3°  
 Without mechanical auxiliary support

System: S 3228.40/25/20/15  
 D 2825.25/20  
 F 2318.10

**Wind speeds:**  
**maximum 9.0m/s:** for all boom lengths and wind direction 360°.  
**maximum 12.8m/s:** for boom lengths below 140m and wind direction 360°. With a total boom length above 140m (highlighted in gray in the chart), erection / take-down is only permissible with wind from the front or from the rear on the boom. The permissible inflow angle range is ±25°.

SL8DF2B DR 18m DBR 18m			Permissible weight of the hook block [t] on the F2-boom											
			For derrick ballast [t] for derrick radius (DR) 18m / derrick ballast radius (DBR) 18m											
			0	50	100	150	200	250	300	350	400	450		
Main boom length [m]	SL8-120	F2 [m]	12	-	-	-	-	7.8	15	•	•	•	•	
			15	-	-	-	-	6.5	14	•	•	•	•	
			18	-	-	-	-	5.7	13	•	•	•	•	
			21	-	-	-	-	4.6	12	19	•	•	•	
			24	-	-	-	-	3.8	11	18	•	•	•	
			27	-	-	-	-	2.7	9.8	16	•	•	•	
			30	-	-	-	-	2.3	9.3	16	•	•	•	
			33	-	-	-	-	-	8	14	•	•	•	
			36	-	-	-	-	-	7.2	13	•	•	•	
39	-	-	-	-	-	5.9	12	18	•	•	•			
Main boom length [m]	SL8-126	F2 [m]	12	-	-	-	-	-	8	15	•	•	•	
			15	-	-	-	-	-	6.8	14	•	•	•	
			18	-	-	-	-	-	6	13	•	•	•	
			21	-	-	-	-	-	4.9	12	19	•	•	•
			24	-	-	-	-	-	4.1	11	17	19	•	•
			27	-	-	-	-	-	2.9	9.8	16	18	19	•
			30	-	-	-	-	-	2.6	9.3	15	17	18	•
			33	-	-	-	-	-	-	8	14	16	17	•
			36	-	-	-	-	-	-	7.2	13	15	16	•
39	-	-	-	-	-	-	6	12	14	14	•			
Main boom length [m]	SL8-132	F2 [m]	12	-	-	-	-	-	-	8.6	12	12	12	
			15	-	-	-	-	-	-	7.3	11	11	11	
			18	-	-	-	-	-	-	6.6	12	12	12	
			21	-	-	-	-	-	-	5.4	12	12	12	
			24	-	-	-	-	-	-	4.6	11	12	12	
			27	-	-	-	-	-	-	3.5	9.7	12	12	
			30	-	-	-	-	-	-	3.1	9.3	11	12	
			33	-	-	-	-	-	-	2	8	10	11	
			36	-	-	-	-	-	-	-	7.3	9.5	10	
39	-	-	-	-	-	-	-	6	8.4	9.2				

- Hook block weight up to 20t permissible
- Erection not permissible

It may be necessary to use a greater hook block weight than is indicated here. See the load chart manual: Determination of hoist rope reeving and hook block. This heavier hook block must be carried along on the ground during erection / take-down, or the auxiliary weights must be attached after erection and removed before take down.

PROJECT:  
 LR11000 SL8DF2B 120+12

LOCATION: -----  
 BUCKNER CONTACT: Dan Ives, PE  
 Dani@BucknerHeavylift.com  
 LIFT PLAN BY: Dan Ives, PE  
 Dani@BucknerHeavylift.com

DRAWING NOTES:  
 Erection and Takedown –  
 DBR 18m

FILE: C:\Buckner\Buckner Heavylift Cranes\Engineering – Documents\Drawings\BHL\Buckner\Build Sheets\LR 11000\LR 11000 – SL8DF2B 120m + 12m (394' + 12m) - 9:10:es.dwg  
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Revisions

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Rev.	Date	Description
000	08.03.2022	Preliminary Planning & Initial Layout
001	08.23.2023	Added LTR Tray
002	----	----
003	----	----
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008	----	----
009	----	----
010	----	----

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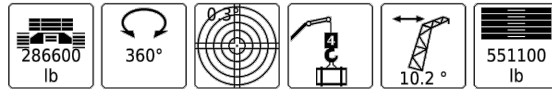


LR 11000 -- 098260

T235.070.00304

EN 13000

SL8DF2B: SL8-394ft D-118ft F2-39ft10° B

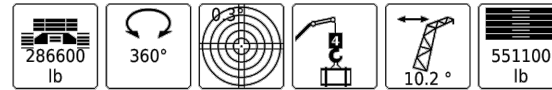


LR 11000 -- 098260

T235.070.00304

EN 13000

SL8DF2B: SL8-394ft D-118ft F2-39ft10° B



PROJECT:  
LR11000 SL8DF2B 120+12

LOCATION: -----  
BUCKNER CONTACT: Dan Ives, PE  
Dani@BucknerHeavylift.com  
LIFT PLAN BY: Dan Ives, PE  
Dani@BucknerHeavylift.com

DRAWING NOTES:  
Load Chart 1

Table with columns for height (ft) and load capacity (x1000lb) for LR 11000 crane. Includes a summary row at the bottom with values like 440.9, 551.1, 661.4, etc.

Table with columns for height (ft) and load capacity (x1000lb) for LR 11000 crane. Includes a summary row at the bottom with values like 661.4, 771.6, 881.8, etc.

FILE: C:\Buckner\Buckner Heavylift Cranes\Engineering - Documents\Drawings\BHL\Buckner\Build Sheets\LR 11000\LR 11000 - SL8DF2B 120m + 12m (394' + ...)  
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Revisions table with columns: Rev., Date, Description. Includes entries for 000 (Preliminary Planning & Initial Layout) and 001 (Added LTR Tray).

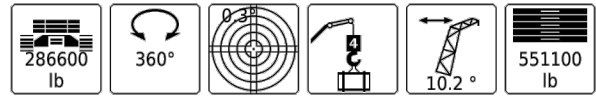
SHEET: 009 OF 011  
**BUCKNER**  
HEAVY LIFT CRANES

LR 11000 -- 098260

T235.070.00304

EN 13000

SL8DF2B: SL8-394ft D-118ft F2-39ft10° B



PROJECT: LR11000 SL8DF2B 120+12

LOCATION: ---
BUCKNER CONTACT: Dan Ives, PE
LIFT PLAN BY: Dan Ives, PE

DRAWING NOTES: Load Chart 2

Table with columns for height (ft) and weight (x1000lb) showing load capacity data for various heights from 57ft to 356ft.

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CREATED: 07.29.2023 9:10:05 AM
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Revisions table with columns for Rev., Date, and Description. Includes entries for Preliminary Planning & Initial Layout and Added LTR Tray.

SHEET: 010 OF 011
BUCKNER HEAVYLIFT CRANES logo

## 2.4m Track Pads

The screenshot displays the LICCON Work Planner interface with the following data and controls:

- Header:** LR 11000 000000/0031 CODE >070.00304<
- Top Panel:** Includes a toolbar with icons for END, navigation, R2, units (ft/lb), and various crane functions.
- Left Panel:**
  - Targeting: 1.0, 0.0°, 0.0°
  - Scale: 1.0
  - Vertical offset: 62.6 ft
- Center Panel:**
  - Pressure diagram: 30 psi on both sides, 32ft x 7.9ft dimensions, 30ft x 32ft track area.
  - Coordinates: x=0.014, y=0.000, z=49.972
  - Diagram: Hexagonal track pad with x and y axes ranging from -20.0 to 20.0.
- Right Panel:**
  - Weight: x1000lb (max), n4=10, 22.1 156.6
  - Angle: 74.9°, 131.5 ft
  - Dimensions: 121.8° (min), 0.0, 59.4 ft, 221.0 (max)
  - Height: 10.2°, 433.3 ft
  - Rotation: 0.0°
- Bottom Panel:** Includes icons for V6.19, crane, and other equipment.

NOTE: These track pressures are based on the crane being perfectly balanced and perfectly level. Inclinations during travel will increase the track pressures from what is shown here.

PROJECT:  
LR11000 SL8DF2B 120+12

LOCATION: -----  
BUCKNER CONTACT: Dan Ives, PE  
Dani@BucknerHeavylift.com  
LIFT PLAN BY: Dan Ives, PE  
Dani@BucknerHeavylift.com

DRAWING NOTES:  
Balanced Boom

FILE: C:\Buckner\Buckner Heavylift Cranes\Engineering - Documents\Drawings\BHL\Buckner\Build Sheets\LR 11000\LR 11000 - SL8DF2B 120m + 12m (394' + 120m) - 9:10:05.dwg  
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### Revisions

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001	08.23.2023	Added LTR Tray
002	----	----
003	----	----
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