

BUCKNER

HEAVYLIFT CRANES

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001	Title Page
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004	Reeving Plan
005	Erection and Takedown
006	Load Chart
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PROJECT:
LR1500 SL8F 96m+12m

LOCATION: -----

BUCKNER CONTACT: Dan Ives, PE
Dani@BucknerCompanies.com

LIFT PLAN BY: Dan Ives, PE
Dani@BucknerCompanies.com

DRAWING NOTES:
Title Page

FILE: C:\Dropbox\Drawings\BHL\Buckner\Build Sheets\LR1500\LR 1500 - SL8F 96m + 12m (315' + 39') - 27t.dwg

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Pos. Item	Description		Page
1 969815308	PULL ROD	6M	
2 969764008	PULL ROD	12M	
5 969845008	ROD CPL.	4.1M	
6 96002874	PULL ROD		
7 918283908	MEASURING PLATE	2000 KN	21
8 918284008	MEASURING PLATE	2000 KN	
9 96002840	DRAW SHACKLE		
10 96002822	PULL ROD		
25 96003783	GUY SHACKLE	ABSPANNSTANGEN	
26 96003784	CROSS STRAP	OBEN	
27 96003785	CROSS STRAP	MITTE	
28 96003786	CONNECTING BRACKET	UNTEN	
30 97076059	FIBRE TENSIONING ROPE	28X1.32M	
32 97076074	FIBRE TENSIONING ROPE	28X2.25M	
36 969862208	PULL ROD	2M	
37 969866908	PULL ROD	10M	
53 96008822	BRACKET WITH BOARD		
54 96006315	ROCKER		
55 96008824	CROSS STRAP		
56 97080063	FIBRE TENSIONING ROPE	48X10.0M	
57 96007983	BRACKET COMPL.	M. GELENKLAGER	
58 96001458	BRACKET COMPL.		
59 97080079	FIBRE TENSIONING ROPE	48X10.45M	
60 96019093	PULL ROD	3M	
1000 98029340	RODS/ PULL RODS LR 1500	F. SL8F	

Pos. Item	Description		Page
43 96008823	DRAW SHACKLE		
44 97079590	FIBRE TENSIONING ROPE	44X12.6 M	
45 96009395	-		
46 918284408	MEASURING PLATE		17
47 918284508	MEASURING PLATE		
48 96008777	DRAW SHACKLE	0.02 M	
49 97079360	FIBRE TENSIONING ROPE	44X5.30 M	
50 97079361	FIBRE TENSIONING ROPE	44X10.8M	
51 96008804	DRAW SHACKLE	0.7 M	
52 96008881	GUY ROPE CPL.	44X2.4 M	
1000 98025191	RODS/ PULL RODS LR 1500	F. F	

PROJECT:
LR1500 SL8F 96m+12m

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DRAWING NOTES:
Rod Plan

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30.8.2017	LIEBHERR	074432 (LR 1500) RODS/ PULL RODS LR 1500 F. SL8F	96019395 Page: 12
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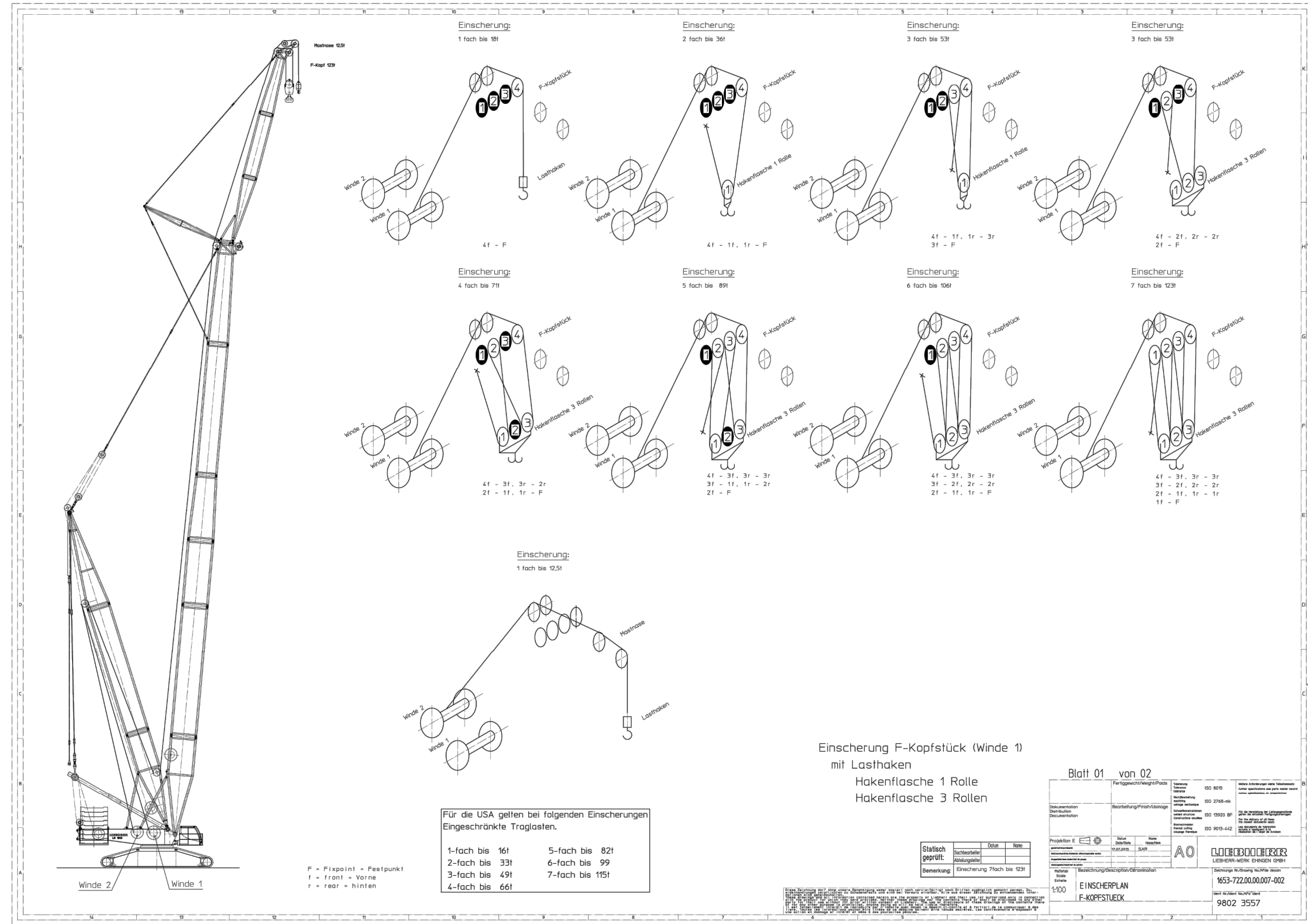
30.8.2017	LIEBHERR	074432 (LR 1500) RODS/ PULL RODS LR 1500 F. F	96012963 Page: 9
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PROJECT:
LR1500 SL8F 96m+12m

LOCATION: -----
BUCKNER CONTACT: Dan Ives, PE
Dani@BucknerCompanies.com

LIFT PLAN BY: Dan Ives, PE
Dani@BucknerCompanies.com

DRAWING NOTES:
Reeving Plan



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BUCKNER
HEAVYLIFT CRANES

SL8F – operation, without / with auxiliary support

aat_252_063_00001_00_000

SL8: F-connector head

Page: 1 of 4

On crawlers 7.9m x 7.6m x 1.5m
 Wind: maximum 11.1m/s
 Ground slope: maximum 0.3°

System: S 2822.25/14/11
 L 2418.11
 F 1812.6.3

Operation with boom nose: The operation with boom nose is possible from a "permissible weight of hook block on the F-boom" of 2t. In that case, the value in the chart is the sum of the weights of the hook blocks on the F-boom and the boom nose (incl. hoist rope).

SL8 with F-12 Without auxiliary support		Permissible weight [t] of hook block on main boom			
		for superstructure / superstructure extension / central ballast [t]			
		130 / 0 / 40	150 / 0 / 40	150 / 27 / 40	170 / 0 / 40
Main boom length [m]	72	1.5	3.6	7.6	5.8
	75	-	2.0	5.7	4.0
	78	-	-	4.4	2.8
	81	-	-	2.7	1.1
	84	-	-	1.4	-
	87	-	-	-	-
	90	-	-	-	-
	93	-	-	-	-
	96	-	-	-	-
	99	-	-	-	-
102	-	-	-	-	

- Hook block weight to 10t 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.

LWIE/25250-04-02/en

SL8F – operation, without / with auxiliary support

aat_252_063_00001_00_000

SL8: F-connector head

Page: 3 of 4

On crawlers 7.9m x 7.6m x 1.5m
 Wind: maximum 11.1m/s
 Ground slope: maximum 0.3°

System: S 2822.25/14/11
 L 2418.11
 F 1812.6.3

Operation with boom nose: The operation with boom nose is possible from a "permissible weight of hook block on the F-boom" of 2t. In that case, the value in the chart is the sum of the weights of the hook blocks on the F-boom and the boom nose (incl. hoist rope).

SL8 with F-12 With auxiliary support (to the side)		Permissible weight [t] of hook block on main boom			
		for superstructure / superstructure extension / central ballast [t]			
		130 / 0 / 40	150 / 0 / 40	150 / 27 / 40	170 / 0 / 40
Main boom length [m]	72	•	•	•	•
	75	•	•	•	•
	78	•	•	•	•
	81	8.5	9.8	9.8	9.8
	84	7.0	8.3	9.0	9.0
	87	5.2	6.5	7.2	7.2
	90	3.9	5.1	5.9	5.9
	93	2.2	3.4	4.2	4.2
	96	1.4	2.6	3.3	3.3
	99	-	1.0	1.8	1.8
102	-	-	0.7	0.7	

- Hook block weight to 10t 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.

LWIE/25250-04-02/en

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 LR1500 SL8F 96m+12m

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 LIFT PLAN BY: Dan Ives, PE
 Dani@BucknerCompanies.com

DRAWING NOTES:
 Erection and Takedown

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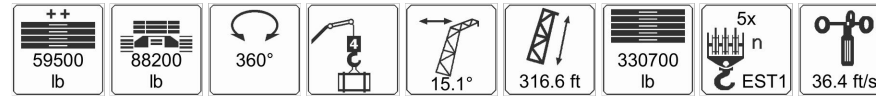
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T252.063.02109
 SL8F: SL8-315ft F-39ft15°

EN 13000
 074443



401

		x1000lb									
ft											
59	194.6										
60	192.7										
70	172.2										
80	147.3										
90	127.3										
100	110.8										
110	97.0										
120	85.3										
130	75.1										
140	65.5										
150	57.2										
170	43.6										
190	33.0										
210	24.6										
230	18.4										
250	13.5										
270	8.6										
284	5.6										

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DRAWING NOTES:
 Load Chart

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