

# BUCKNER

## HEAVYLIFT CRANES

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PROJECT:  
LG 1750 SP SL8HS 115m

LOCATION: -----

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

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

DRAWING NOTES:

Title Page

FILE: C:\Users\Dan Ives\OneDrive - Buckner Heavylift  
Cranes\Engineering\Drawings\BHL\Buckner\Build  
Sheets\LR 1750-1\LG 1750 - SP SL8HS 115m + 6m

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### Revisions

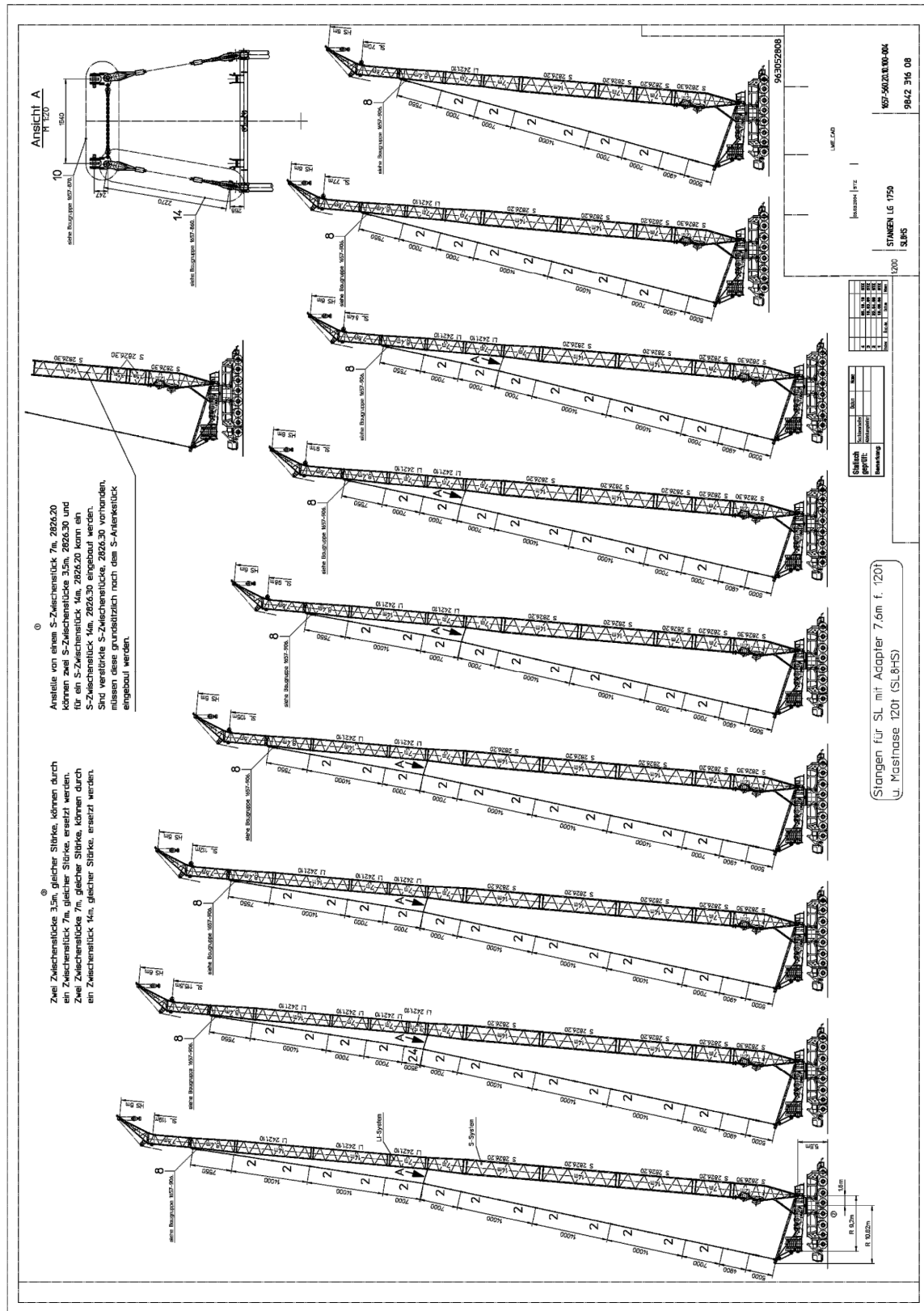
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Pos. Artikel	Bezeichnung	Description
2 927148808	STANGE (7M.)	ROD (7M.)
8 910064708	LASCHEN F.L-ADAPTER	CELLS F. L-ADAPTER
10 910019608	LASCHEN ZUSATZABSPANNUNG	PLATES F.ADD.BRACING
14 910019508	ZUSATZABSPANNUNG (SL SL77-105)	SUPPLEMENTARY GUYING DEVICE
24 962628008	STANGE KPL. (3.5M)	ROD CPL. (3.5M)
1000 984231608	STANGEN LG 1750 (SL8HS)	RODS/ PULL RODS LG 1750

PROJECT:  
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DRAWING NOTES:  
Rod Plan

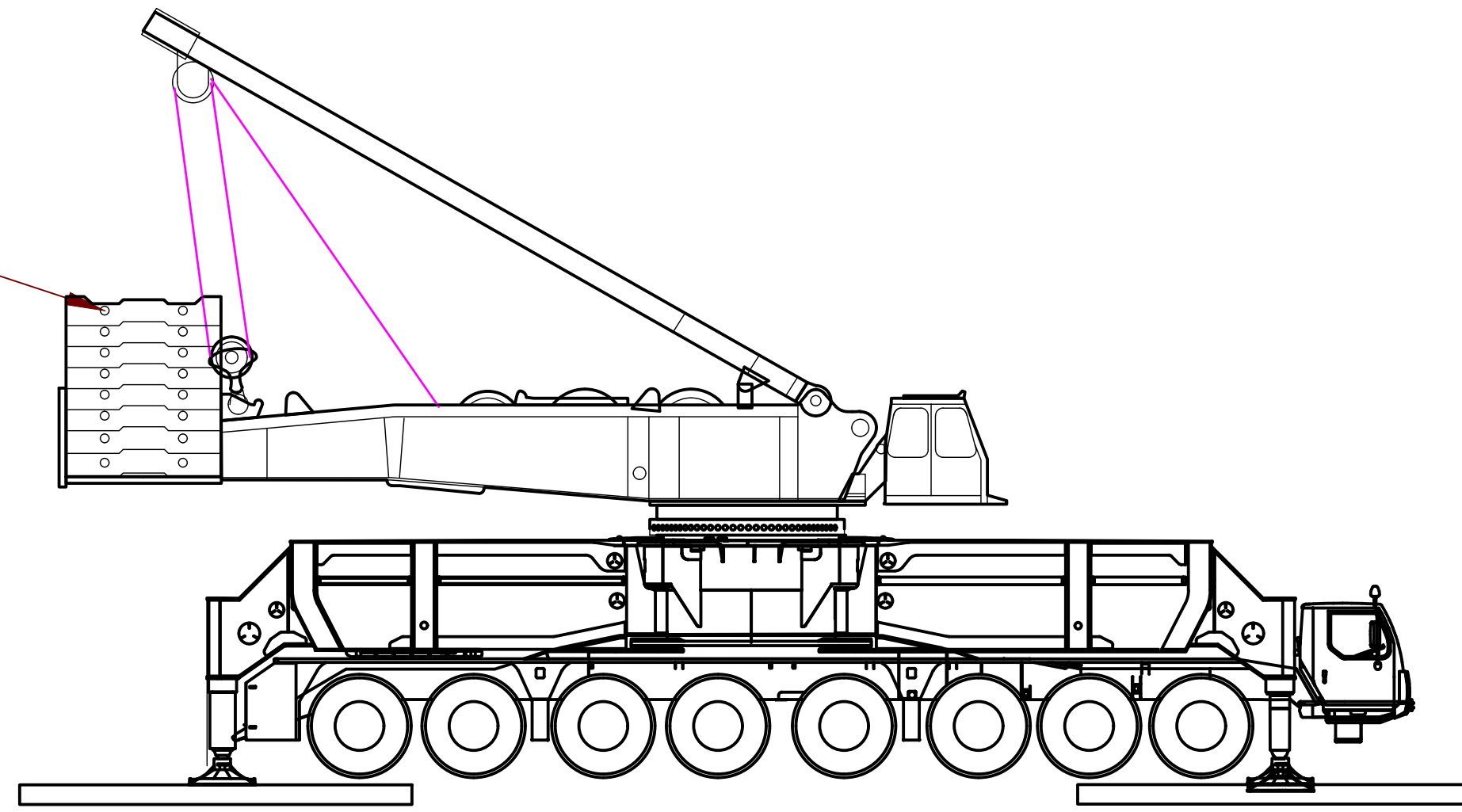
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Superstructure  
 245 tonnes  
 Plus  
 5 tonne  
 Extension  
 18 slabs  
 12.5 tons each



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DRAWING NOTES:  
 Counterweight Arrangement

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**SL8HS – Operation with slewing platform extension**  
**Support base 16m x16m**

**TAB 154 00 025-01**

Page: 1 of 1  
 System: S 2826.20  
 LI 2421.10

Erection/take down Support base 16m x 16m with Slewing platform extension			Permissible weight [t] of hook block on main boom										
			for slewing platform ballast on extended slewing platform [t]										
			250	225	200	175	150	125	100	75	50		
Support base 16m x 16m	To the side	Boom length [m]	70	•	•	•	•	•	•	•	13.5	7.5	2.0
		77	•	•	•	•	•	•	11.0	6.5	1.0	-	
		84	•	•	•	•	14.0	10.0	5.0	-	-	-	
		91	13.0	13.0	13.0	11.0	7.0	3.0	-	-	-	-	
		98	9.0	9.0	9.0	6.0	2.5	-	-	-	-	-	
		105	4.0	4.0	4.0	0.8	-	-	-	-	-	-	
		112	3.5	3.5	2.5	-	-	-	-	-	-	-	
115.5	0.8	0.8	-	-	-	-	-	-	-	-			
Support base 16m x 16m	To the rear	Boom length [m]	70	•	•	•	•	•	•	14.0	8.0	2.5	
		77	•	•	•	•	•	11.5	7.0	1.5	-		
		84	•	•	•	•	15.0	10.5	5.5	0.8	-		
		91	13.0	13.0	13.0	11.0	7.5	3.5	-	-	-		
		98	9.0	9.0	8.5	6.0	3.0	-	-	-	-		
		105	4.0	4.0	3.5	0.8	-	-	-	-	-		
		112	3.5	3.5	2.5	-	-	-	-	-	-		
115.5	0.8	0.8	-	-	-	-	-	-	-				

- ... Hook block weight of 16t permissible

Note: If, during erection/take down, the guy rods remain on the S-boom sections, then the hook block weights of the 7m longer boom must be observed, i.e. SL8HS 112m and 115,5m are void

The Li intermediate section is **not** intended to be used for flying assembly.

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 Erection and Takedown

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