

BUCKNER

HEAVYLIFT CRANES

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PROJECT:
LG 1750 SP SL8HS 105m

LOCATION: -----

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

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

DRAWING NOTES:
Title Page

FILE: C:\Buckner\Buckner Heavylift Cranes\Engineering - Documents\Drawings\BHL\Buckner\Build Sheets\LR 1750-1\LG 1750 - SP SL8HS 105m + 6m (344' +

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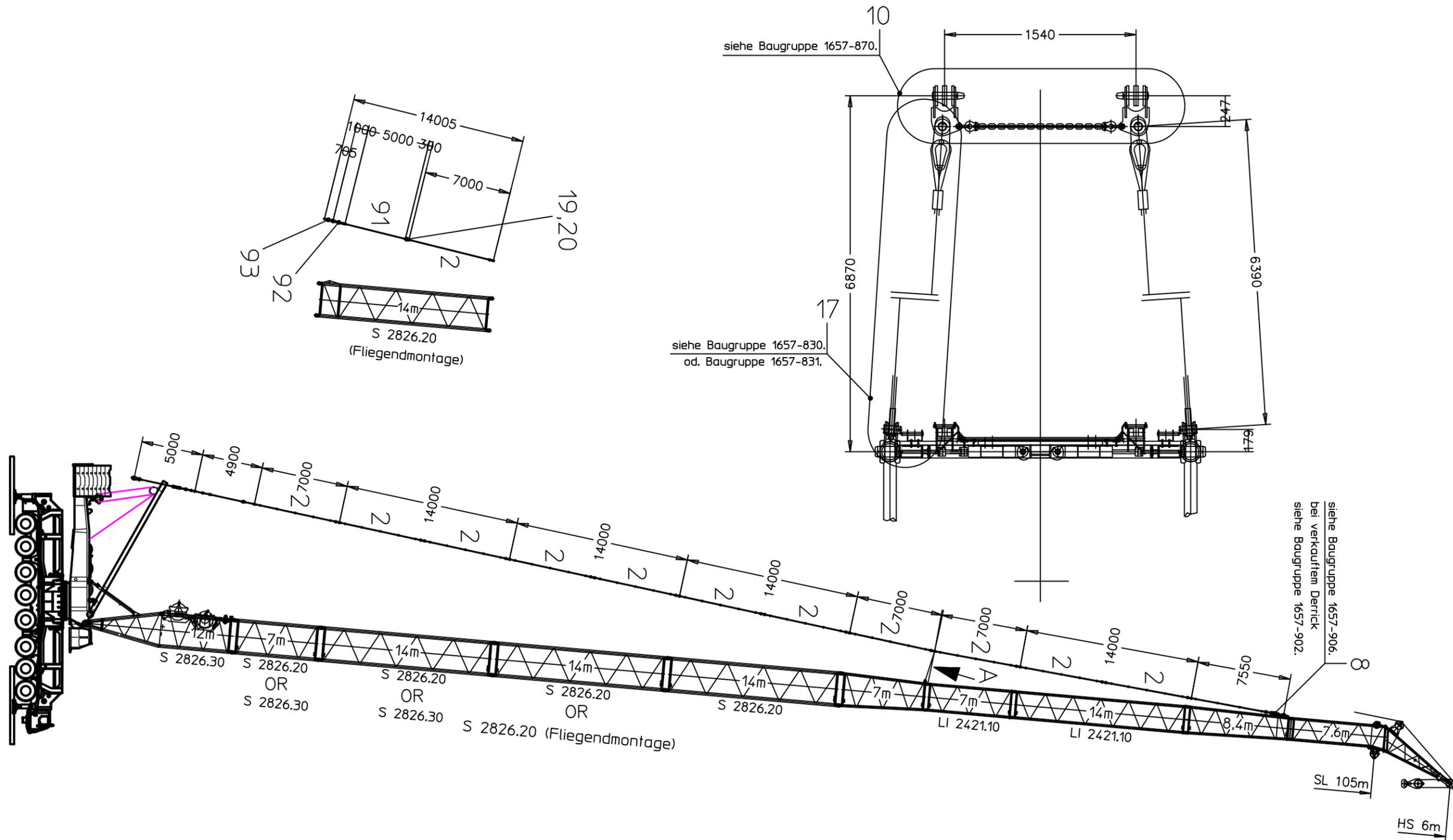
SHEET: 001 OF 007

PROJECT:
LG 1750 SP SL8HS 105m

LOCATION: -----
BUCKNER CONTACT: Dan Ives, PE
Dani@BucknerCompanies.com
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DRAWING NOTES:
Build Sheet

Ansicht A
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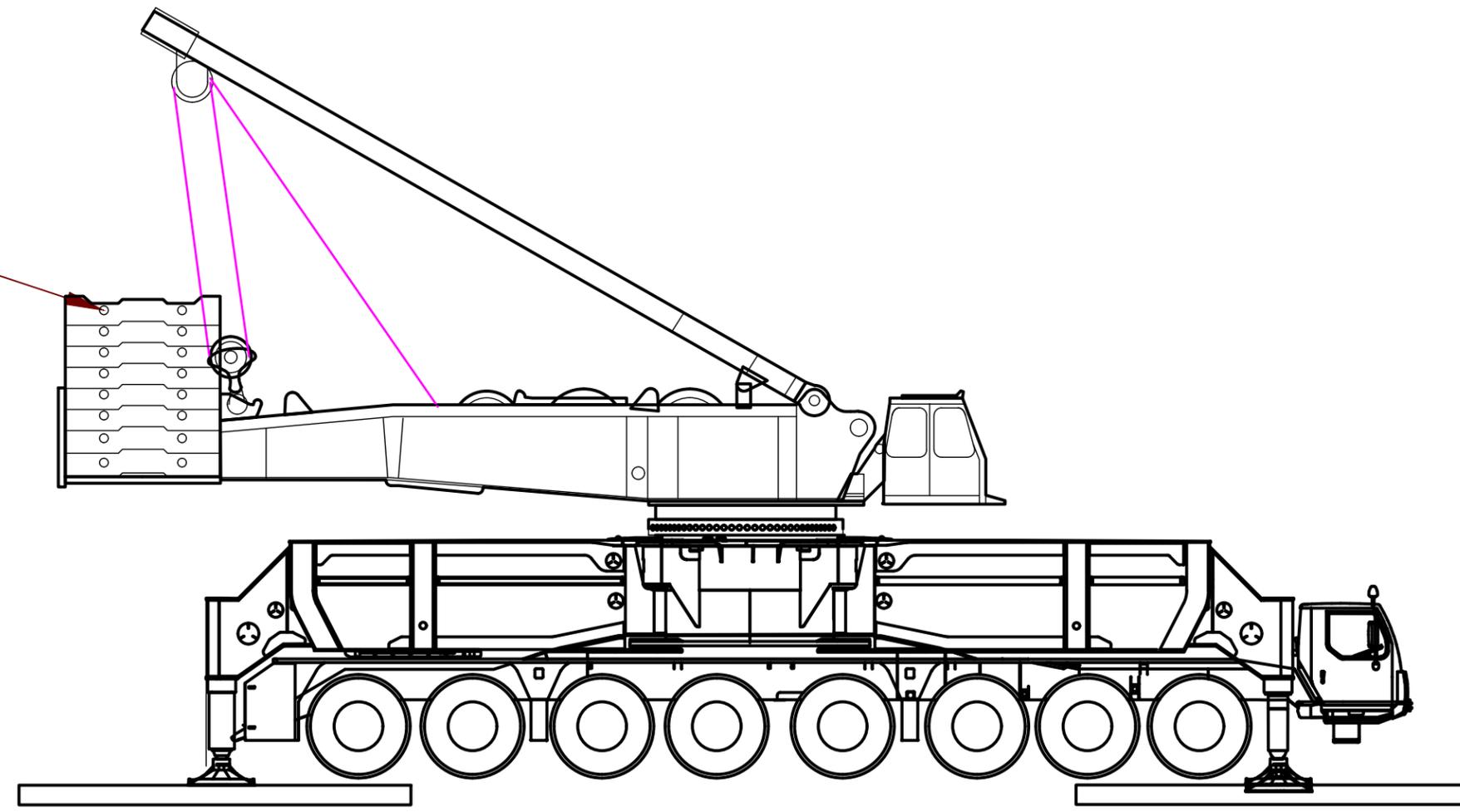
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BUCKNER
HEAVY LIFT CRANES

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



PROJECT:
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DRAWING NOTES:
 Counterweight Arrangement

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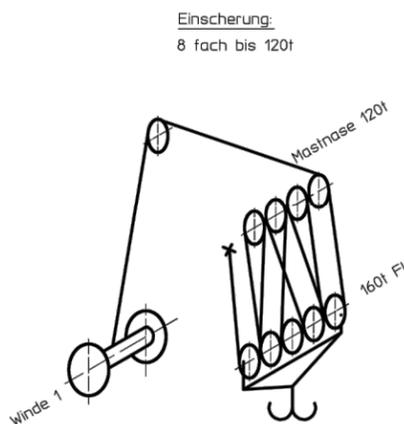
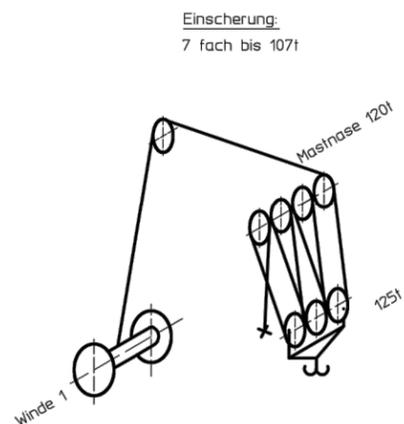
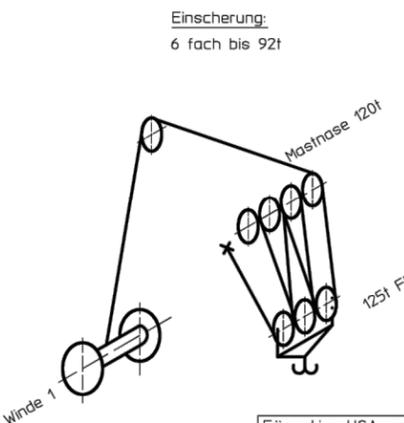
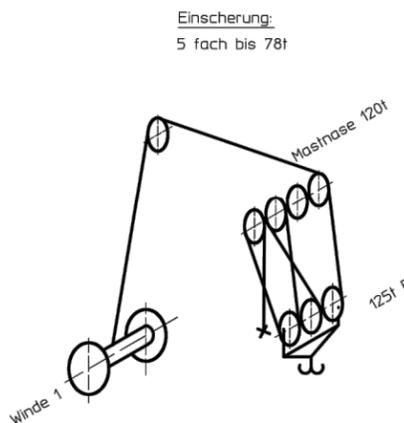
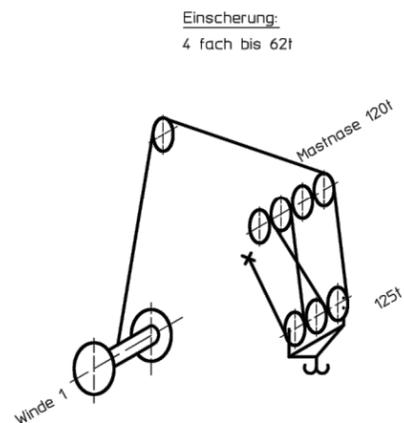
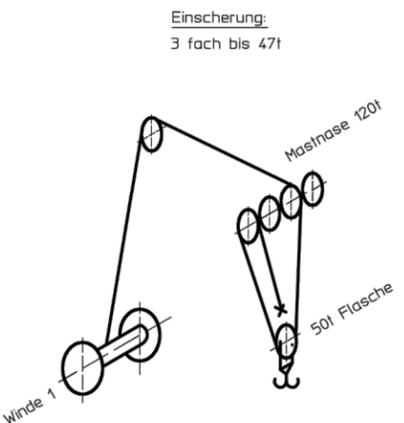
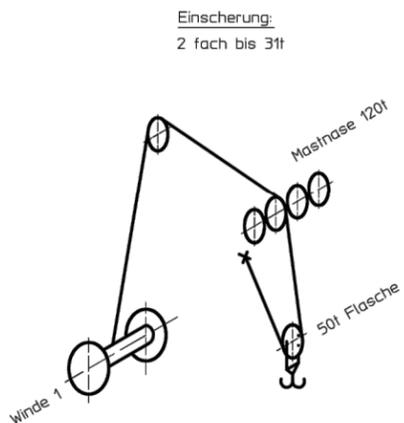
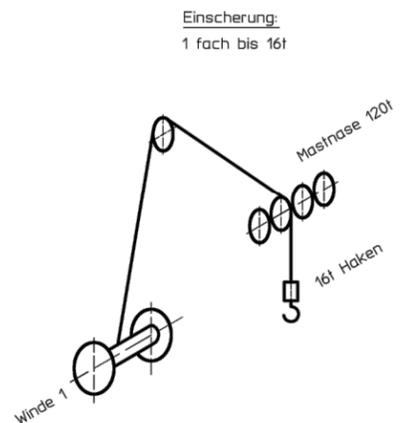
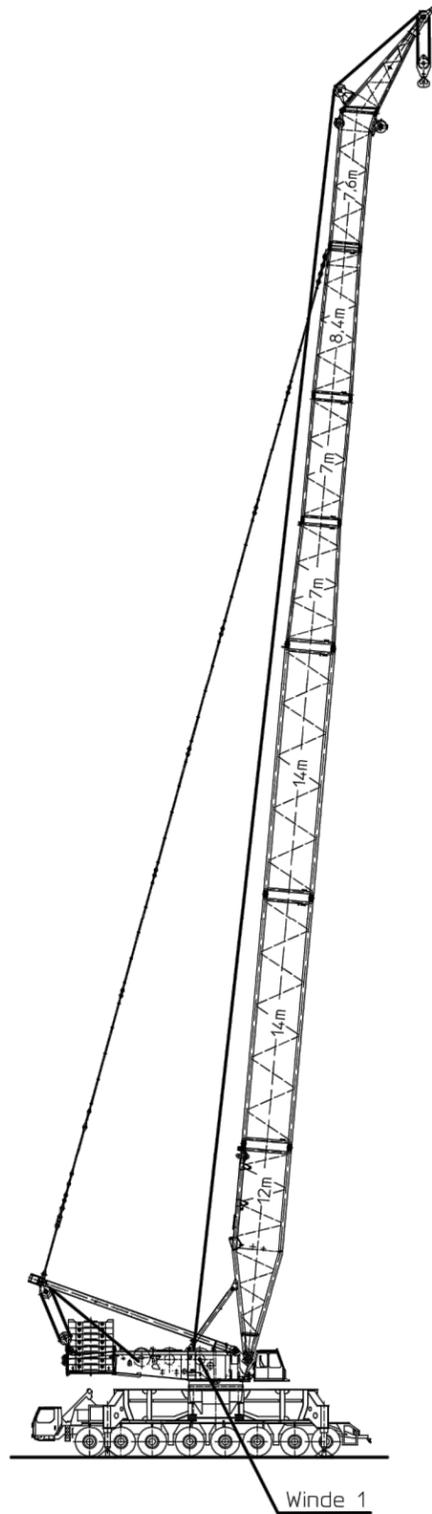
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Für die USA gelten bei folgenden Einsicherungen Eingeschränkte Traglasten.
 1-fach bis 15t
 2-fach bis 30t
 3-fach bis 45t
 4-fach bis 60t
 5-fach bis 75t
 6-fach bis 90t
 7-fach bis 105t
 8-fach bis 120t
 9-fach bis 135t

Einsicherung Mastnase 120t

Blatt 01 von 02

LWE_CAD

13.08.2003 | SAR |

EINSCHERPLAN

1657-722.01.00.01-000

9839 370 08

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DRAWING NOTES:
 Reeving Plan

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DRAWING NOTES:
Erection and Takedown

SL8HS – Operation without slewing platform extension
Support base 12m x12m and 16m x16m

TAB 154 00 024-01

Page: 1 of 1
System: S 2826.20
LI 2421.10

Erection/take down Support base 12.0m x 12.0m and 16m x 16m without slewing platform extension			Permissible weight [t] of hook block on main boom										
			for slewing platform ballast [t]										
			245	220	195	170	145	120	95	70	45	20	
Support base 12m x 12m	To the side	Boom length [m]	70	•	•	•	13.0	9.0	5.0	1.0	-	-	-
			77	•	13.5	10	6.0	2.5	-	-	-	-	-
			84	•	12.0	8.5	5.0	1.0	-	-	-	-	-
			91	8.0	5.0	1.5	-	-	-	-	-	-	-
			98	3.0	-	-	-	-	-	-	-	-	-
			105	-	-	-	-	-	-	-	-	-	-
			112	-	-	-	-	-	-	-	-	-	-
115.5	-	-	-	-	-	-	-	-	-	-			
Support base 12m x 12m	To the rear	Boom length [m]	70	•	•	•	14.0	10.0	6.0	2.0	-	-	-
			77	•	14.5	11.0	7.0	3.0	-	-	-	-	-
			84	•	13.0	9.5	5.5	2.0	-	-	-	-	-
			91	9.0	6.0	2.5	-	-	-	-	-	-	-
			98	4.0	-	-	-	-	-	-	-	-	-
			105	-	-	-	-	-	-	-	-	-	-
			112	-	-	-	-	-	-	-	-	-	-
115.5	-	-	-	-	-	-	-	-	-	-			
Support base 16m x 16m	To the side	Boom length [m]	70	•	•	•	•	13.5	9.0	4.0	-	-	-
			77	•	•	•	15.0	11.0	6.5	2.5	-	-	-
			84	•	•	15.0	13.0	9.5	5.5	1.5	-	-	-
			91	11.5	9.5	8.0	6.0	2.5	-	-	-	-	-
			98	6.5	5.5	4.0	1.5	-	-	-	-	-	-
			105	2.0	0.8	-	-	-	-	-	-	-	-
			112	1.0	-	-	-	-	-	-	-	-	-
115.5	-	-	-	-	-	-	-	-	-	-			
Support base 16m x 16m	To the rear	Boom length [m]	70	•	•	•	•	14.0	9.5	4.5	-	-	-
			77	•	•	•	15.0	11.5	7.0	3.0	-	-	-
			84	•	•	15.0	13.0	10.0	6.0	2.0	-	-	-
			91	11.5	9.5	8.0	6.5	3.0	-	-	-	-	-
			98	6.5	5.5	4.0	2.0	-	-	-	-	-	-
			105	2.0	0.8	-	-	-	-	-	-	-	-
			112	1.0	-	-	-	-	-	-	-	-	-
115.5	-	-	-	-	-	-	-	-	-	-			

• ... 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 112 m and 115,5m are void. The Li intermediate section is **not** intended to be used for flying assembly.

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