

BUCKNER

HEAVYLIFT CRANES

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PROJECT: LR11000 SL9 78m

LOCATION: -----

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

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

DRAWING NOTES:
 Title Page

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 Sheets\LR 11000\LR 11000 - SL9 78m (256') - 130t

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Revisions

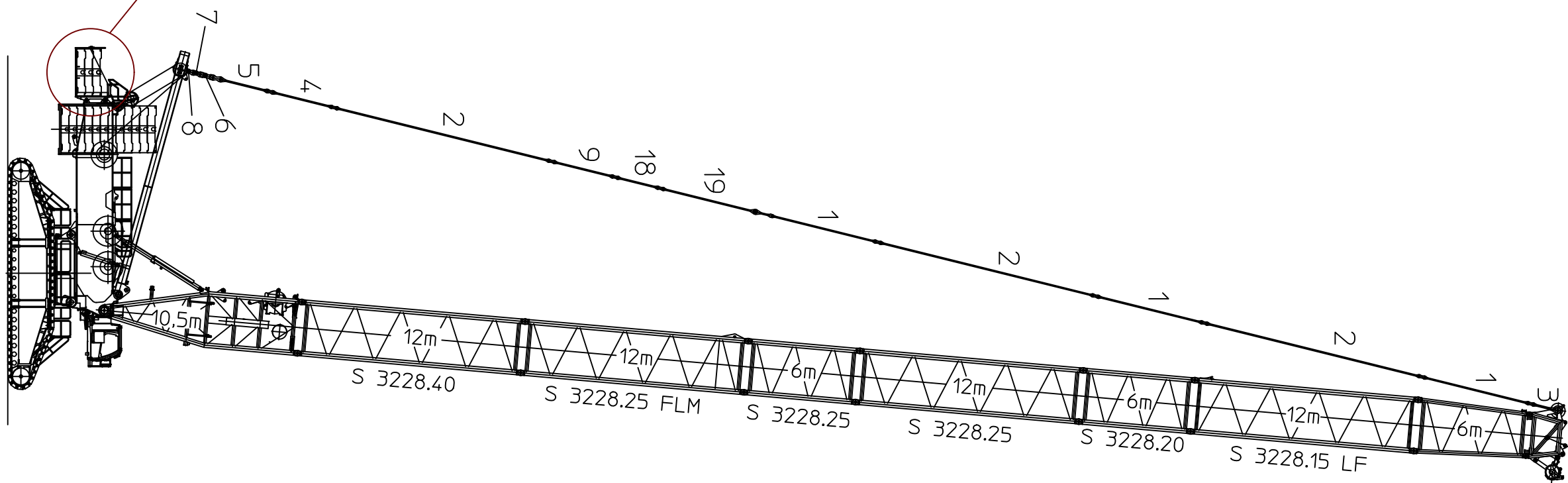
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Counterweight extension NOT USED



L-Kopfstück 650t
L-head section 650t

SL9 78m
SL9 256ft

PROJECT:
LR11000 SL9 78m

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

DRAWING NOTES:
Build Sheet

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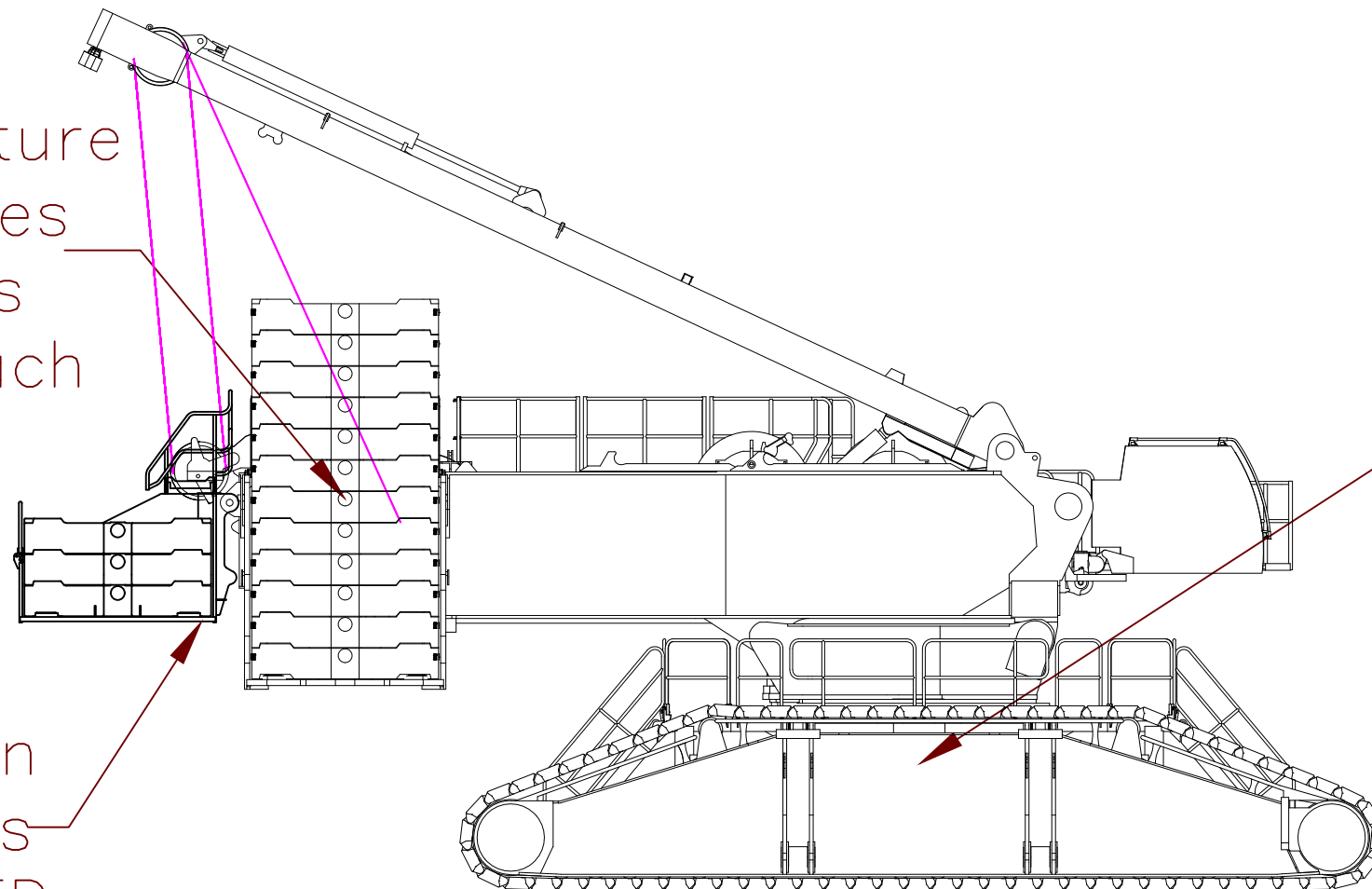
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Superstructure
250 tonnes
24 rocks
10 ton each

Carbody
130 tonnes
12 rocks
10 ton each

Extension
0 tonnes
NOT USED



PROJECT:
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LOCATION: -----
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LIFT PLAN BY: Dan Ives, PE
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DRAWING NOTES:
Counterweight Arrangement

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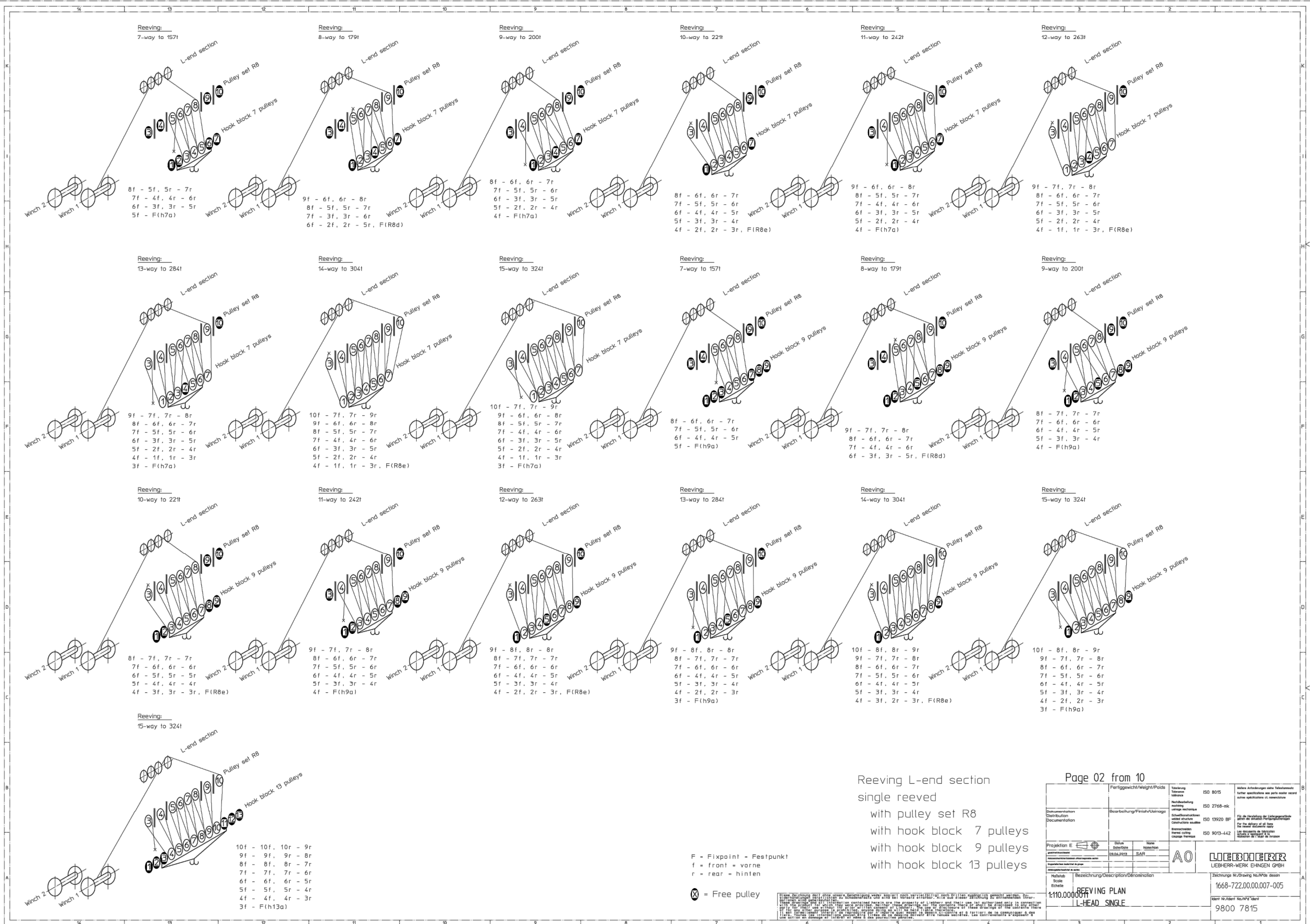
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PROJECT:
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LOCATION: -----
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LIFT PLAN BY: Dan Ives, PE
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DRAWING NOTES:
Reeving Plan



F = Fixpoint = Festpunkt
f = front = vorne
r = rear = hinten
⊗ = Free pulley

Reeving L-end section
single reeved
with pulley set R8
with hook block 7 pulleys
with hook block 9 pulleys
with hook block 13 pulleys

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Documentation Classification Documentation	Bearbeitung/Finishe/Anzeige	Normen ISO 8015 ISO 2768-nk ISO 1920 BF ISO 9013-442	Andere Anforderungen siehe Einzelblätter Further specifications see parts master sheet siehe Einzelblätter in Zusammenfassung
Projektion E Scale 1:110.000.000	Scale 1:110.000.000	Scale 1:110.000.000	Scale 1:110.000.000
REEVING PLAN L-HEAD SINGLE		Zählung: Nr./Reeving Nr./Reeving 1668-722.00.007-005 Ident Nr./Ident Nr./Ident 9800 7815	

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BUCKNER
HEAVYLIFT CRANES

**SL9-operation, without auxiliary support
L-end section with 1 x R12 roller set for 400t**

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Page: 1 of 1

On crawlers 9.6m x 9.2m x 2.0m
Ground slope: maximum 0.3°

System: S 3228.40/25/20/15

Wind speed:
maximum 12.8m/s: for all boom lengths and wind direction 360°.

Operation with boom nose: During operation with a boom nose, the value in the chart is the sum of the weights of the hook blocks on the main boom and the boom nose as well as the weight of the boom nose.

SL9 Without auxiliary support		Permissible weight [t] of the hook block on the SL9-boom									
		for turntables / superstructure extension / central ballast [t]									
		250 / 80 / 130	250 / 0 / 130	250 / 0 / 90	230 / 0 / 90	210 / 0 / 90	190 / 0 / 90	210 / 0 / 50	190 / 0 / 50	170 / 0 / 50	150 / 0 / 50
Main boom length [m]	SL9-78	17	7.9	7.9	5.4	-	-	-	-	-	-
	SL9-84	9.7	-	-	-	-	-	-	-	-	-
	SL9-90	-	-	-	-	-	-	-	-	-	-
	SL9-96	-	-	-	-	-	-	-	-	-	-
	SL9-102	-	-	-	-	-	-	-	-	-	-

- Hook block weight to maximum 40t 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.

**SL9-operation, with auxiliary support
L-end section with 1 x R12 roller set for 400t**

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Page: 1 of 1

On crawlers 9.6m x 9.2m x 2.0m
Ground slope: maximum 0.3°

System: S 3228.40/25/20/15

Wind speed:
maximum 12.8m/s: for all boom lengths and wind direction 360°.

Operation with boom nose: During operation with a boom nose, the value in the chart is the sum of the weights of the hook blocks on the main boom and the boom nose as well as the weight of the boom nose.

SL9 With auxiliary support (to the side)		Permissible weight [t] of the hook block on the SL9-boom									
		for turntables / superstructure extension / central ballast [t]									
		250 / 80 / 130	250 / 0 / 130	250 / 0 / 90	230 / 0 / 90	210 / 0 / 90	190 / 0 / 90	210 / 0 / 50	190 / 0 / 50	170 / 0 / 50	150 / 0 / 50
Main boom length [m]	SL9-78	•	39	39	38	36	32	32	27	23	19
	SL9-84	31	31	31	29	28	24	23	20	16	12
	SL9-90	23	22	22	20	19	15	15	11	8.1	4.5
	SL9-96	16	15	15	13	12	8.7	8.5	5.2	-	-
	SL9-102	9.2	7.5	7.5	6.3	4.6	-	-	-	-	-

- Hook block weight to maximum 40t 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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DRAWING NOTES:
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