

LIFTING CAPACITIES

MODEL **SCX2500** (4/4)
BOOK NO. **WDT0471-401**
SERIAL NO. **SC250- - - -**

This is the Operator's Manual (Four separate volumes) and this is 4 of 4 of the separate volumes.
Refer to the Book No, "WDT0476- " for SML-10 Load Moment Indicator Operator's Manual.

Operator's manual (4/4)

Lifting capacities for the operator.

Usage of lifting capacities (1/1) 37-098-001.1ER0S

Summary chart based on Euro-standard

Precautions of lifting capacities (1/2) 37-099-027.2ER0S

Main boom lifting capacities (1/2) 37-101-132.1ER0S

Main boom lifting capacities with short jib (1/2) 37-102-043.0ER1S

Short jib lifting capacities (1/2) 37-131-070.0ER0S

Luffing jib lifting capacities (1/ 42) 37-161-024.0ER1S

Luffing jib base lifting capacities (1/ 7) 37-173-001.0ER2S

Summary chart based on USA-standard

Precautions of lifting capacities (1/3) 37-099-033.2ER0S

Main boom lifting capacities (1/2) 37-101-138.1ER0S

Main boom lifting capacities with short jib (1/2) 37-102-048.1ER0S

Short jib lifting capacities (1/2) 37-131-075.1ER0S

Luffing jib lifting capacities (1/ 42) 37-161-026.2ER0S

Luffing jib base lifting capacities (1/ 7) 37-173-002.1ER0S

The moment limiter data at shipping are based on the "EN" performances.

When applying the "SAE" performances, the change of the moment limiter data is required.

When changing the performances, contact your nearest distributor.

Apply the lifting capacities corresponding to the attachment posture.

Hitachi Sumitomo Heavy Industries Construction Crane Co.,Ltd.

Usage Of Lifting Capacities

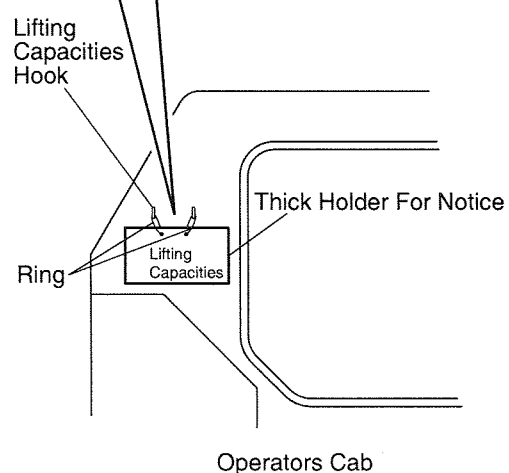
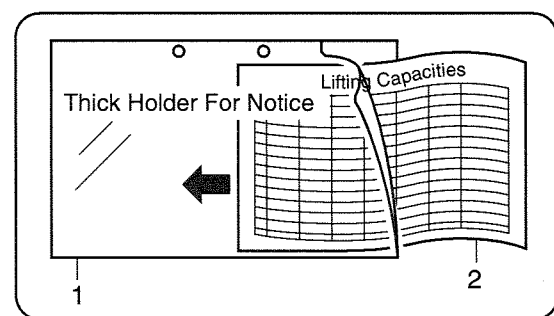
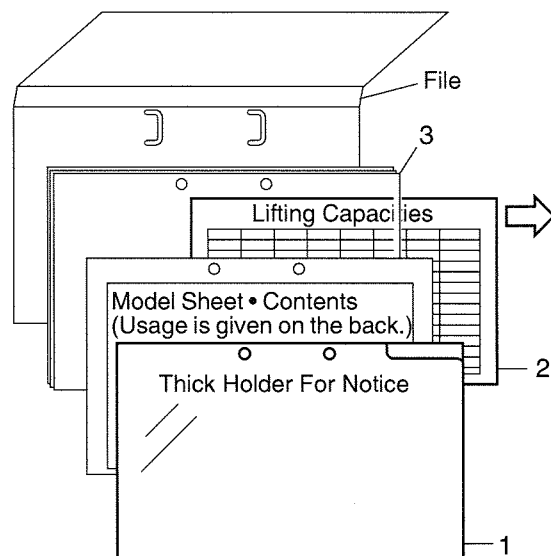
The lifting capacities are filed in this file to put up a notice in the operator's cab.

CAUTION

Before operating this machine, hang the lifting capacities that agreed with the attachment on the lifting capacities hook in the operator's cab.

The thick holder 1 to put up a notice the lifting capacities and the holder 3 to store each lifting capacity are filed. Use the lifting capacities as the following procedures.

- 1) Pull out the lifting capacities 2 that agreed with the attachment from the storage holder 3 and insert the thick holder 1.
 - 2) Remove the thick holder 1 for the notice from the file and hang it on the hook of the lifting capacities chart in the operator's cab with using the ring.
 - 3) Remove the thick holder 1 for the notice after completing the work and keep it on file with removing the ring. Insert the lifting capacities chart 2 into the original storage holder 3.
- Standard specifications and optional specifications are described in this file. The explanations described in this file may differ from the machine delivered. For delivered specifications, refer to the specifications or the sales contract.
 - If the file is damaged or lost, replace it by ordering it from us or our distributors.
 - The operators manual, another separate manual, is also available. This may also be useful for the safe use of the machine.
 - When reselling the machine, attach this file to the machine.



Summary chart based on Euro-standard

Precautions of lifting capacities (1/2)	37-099-027.2ER0S
Main boom lifting capacities (1/2)	37-101-132.1ER0S
Main boom lifting capacities with short jib (1/2)	37-102-043.0ER1S
Short jib lifting capacities (1/2)	37-131-070.0ER0S
Luffing jib lifting capacities (1/ 42)	37-161-024.0ER1S
Luffing jib base lifting capacities (1/ 7)	37-173-001.0ER2S

SCX2500 Precautions of lifting capacities (For Crane)

EC404019

(P-1/2)

1. Capacities shown are in metric tons, and are determined according to EN13000-over the side-with machine standing level on firm supporting surface under ideal job conditions.
2. Capacities marked with  are based on machine structural limitation factors other than those which would cause a tipping condition.
3. A deduction must be made from the lifting capacities for the weight of the following:
(Main boom + Jib) hook blocks, hooks, slings, spreader bar, or other suspended gear e.t.c.
4. High gantry is required for all operating conditions.
5. The wind velocity on the lifting capacities shows the instantaneous wind velocity.
6. Crane must be operated with the counterweight of below listed condition.
Boom length 15.25m - 18.30m : 87.7t upper counterweight + 14.0t lower weight
Boom length 21.35m and over: 93.7t upper counterweight + 14.0t lower weight
7. Do not lift or suspend a load from the jib hook and main boom hoist hook at the same time.
8. Hoist reeving.

Available rope : P S(19)+39×P 7 (Breaking strength 755kN or more)

Kind of hook block (t)	Mass of hook block (t)	Max. of load (t)														
		250.0	230.0	209.0	186.0	162.0	135.0	121.5	108.0	94.5	81.0	67.5	54.0	40.5	27.0	13.5
250/135t	3.3/2.6	250.0	230.0	209.0	186.0	162.0	135.0	121.5	108.0	94.5	81.0	67.5	54.0	40.5	27.0	13.5
80t	1.4	-	-	-	-	-	-	-	-	-	80.0	67.5	54.0	40.5	27.0	13.5
35t	0.9	-	-	-	-	-	-	-	-	-	-	-	-	35.0	27.0	13.5
13.5t	0.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13.5
No. of reeving		20	18	16	14	12	10	9	8	7	6	5	4	3	2	1

SCX2500 Precautions of lifting capacities (For Luffing)

EC404019 (P-2/2)

1. Capacities shown are in metric tons, and are determined according to EN13000-over the side-with machine standing level on firm supporting surface under ideal job conditions.
2. Capacities marked with  are based on machine structural limitation factors other than those which would cause a tipping condition.
3. Operation must be very careful when using luffing jib hook, while jib base hoist hook is suspended because jib base hoist hook is possible to hit the boom and thus boom will be damaged.
4. A deduction must be made from the jib lifting capacities for the weight of the following:
(Luffing jib +Jib base hoist) hook blocks, hooks, slings, spreader bar, or other suspended gear e.t.c.
5. High gantry is required for all operating conditions.
6. The wind velocity on the lifting capacities shows the instantaneous wind velocity.
7. Do not lift or suspend a load from the luffing jib hook and jib base hoist hook at the same time.
8. Hoist reeving.

Available rope : $P \cdot S(19) + 39 \times P \cdot 7$ (Breaking strength 755kN or more)

Kind of hook block(t)	Mass of hook block (t)	Max. load (t)					
80t	1.4	80.0	67.5	54.0	40.5	27.0	13.5
35t	0.9	-	-	-	35.0	27.0	13.5
13.5t	0.6	-	-	-	-	-	13.5
No,of reeving		6	5	4	3	2	1

SCX2500, lifting chart 360deg, main boom hammerhead

Summary chart based on Euro-standard

87.7t upper counterweight + 14.0t lower weight

Unit: t

Boom length(m)	15.25	18.30
Reeved lines	20	18
Wind(m/sec)		
Radius(m)	17	17
4.5	250	
5.0	231	214/5.4
6.0	191	190
7.0	164	163
8.0	144	143
9.0	128	128
10.0	115	115
12.0	92.3	91.9
14.0	74.3	73.8
16.0	68.3/14.9	61.5
18.0		54.5/17.5

SCX2500, lifting chart 360deg, main boom hammerhead

Summary chart based on Euro-standard

93.7t upper counterweight + 14.0t lower weight

Unit: t

Main boom with hammerhead acc. prEN13000(2003) & DIN15018/3																	
Boom length(m)	21.35	24.40	27.45	30.50	33.50	36.55	39.60	42.65	45.70	48.75	51.80	54.85	57.90	60.95	64.00	67.05	70.10
Reeved lines	16	14	12	12	10	9	9	8	7	7	6	6	5	5	4	4	3
Wind(m/sec)																	
Radius(m)	17	14	14	14	14	14	14	11	11	11	11	11	11	11	11	11	11
5.0	192/5.9																
6.0	190	178/6.4															
7.0	163	163	162	152/7.5													
8.0	143	143	143	143	135	120/8.5											
9.0	128	127	127	127	126	119	118/9.1	105/9.6									
10.0	115	115	115	114	111	108	106	103	93.5/10.1	86.9/10.7	79.0/11.2	70.7/11.7					
12.0	95.1	94.7	94.2	92.0	89.7	87.3	85.7	83.4	81.7	79.7	76.4	69.6	63.6/12.2	56.9/12.8	51.1/13.3	42.9/13.8	
14.0	77.4	77.1	76.9	76.1	74.7	73.0	71.9	70.0	68.7	67.1	65.6	64.3	60.1	54.8	50.0	42.8	39.9/14.4
16.0	64.2	63.9	63.6	63.2	63.0	62.1	61.5	60.0	59.0	57.6	56.4	55.3	54.4	51.7	47.1	41.5	38.9
18.0	54.6	54.3	54.0	53.5	53.2	52.8	52.8	52.2	51.3	50.1	49.1	48.2	47.5	46.6	44.6	40.4	36.8
20.0	47.4	47.0	46.7	46.2	46.0	45.5	45.5	45.1	45.1	44.2	43.3	42.5	41.9	41.1	40.2	38.3	34.9
22.0	46.6/20.2	41.4	41.0	40.5	40.2	39.8	39.8	39.4	39.3	38.9	38.5	37.8	37.2	36.5	35.8	35.0	33.2
24.0		39.1/22.8	36.4	35.9	35.6	35.1	35.1	34.7	34.6	34.2	34.0	33.8	33.3	32.7	32.0	31.3	30.7
26.0			33.6/25.5	32.1	31.8	31.3	31.3	30.8	30.8	30.4	30.1	30.0	29.8	29.4	28.8	28.1	27.6
28.0				29.0	28.6	28.1	28.1	27.6	27.5	27.1	26.8	26.7	26.6	26.4	26.0	25.4	24.9
30.0				28.8/28.1	26.0	25.4	25.4	24.9	24.8	24.4	24.1	23.9	23.8	23.6	23.4	23.0	22.6
32.0					25.1/30.8	23.2	23.1	22.6	22.4	22.0	21.7	21.6	21.5	21.2	21.0	20.7	20.5
34.0						21.8/33.4	21.1	20.6	20.4	20.0	19.6	19.5	19.4	19.2	18.9	18.6	18.4
36.0							19.4	18.8	18.6	18.2	17.8	17.7	17.6	17.3	17.1	16.8	16.6
38.0								17.3	17.1	16.6	16.3	16.1	16.0	15.7	15.5	15.2	15.0
40.0								16.8/38.7	15.7	15.2	14.9	14.7	14.6	14.3	14.0	13.7	13.5
42.0									14.9/41.3	14.0	13.6	13.4	13.3	13.0	12.8	12.4	12.3
44.0										12.9	12.5	12.3	12.2	11.9	11.6	11.3	11.1
46.0											11.5	11.3	11.1	10.8	10.6	10.3	10.0
48.0											11.2/46.6	10.4	10.2	9.9	9.6	9.3	9.1
50.0												9.9/49.2	9.4	9.1	8.8	8.4	8.2
52.0													8.6/51.9	8.3	8.0	7.7	7.4
54.0														7.6	7.3	7.0	6.7
56.0														7.4/54.5	6.6	6.3	6.0
58.0															6.2/57.2	5.7	5.4
60.0																5.2/59.8	4.8
62.0																	4.3
64.0																	4.2/62.4

SCX2500, lifting chart 360deg, main boom Light Tapered Top

Summary chart based on Euro-standard

93.7t upper counterweight + 14.0t lower weight

Unit: t

Main boom with light tapered top acc. prEN13000(2003) & DIN15018/3						
Boom length(m)	73.15	76.20	79.25	82.30	85.35	88.40
Reeved lines	3	3	3	3	2	2
Wind(m/sec) Radius(m)	11	11	11	11	11	11
14.0	39.0/14.5	35.4/15.0	31.7/15.5			
16.0	37.5	34.4	31.3	28.3/16.1	26.4/16.5	23.6/17.0
18.0	35.6	32.7	29.7	27.0	25.4	23.0
20.0	33.9	31.1	28.2	25.7	24.1	21.9
22.0	32.4	29.7	26.9	24.5	23.0	20.8
24.0	31.0	28.4	25.8	23.4	22.0	19.9
26.0	29.4	27.1	24.7	22.4	21.0	19.0
28.0	27.3	25.8	23.7	21.4	20.2	18.2
30.0	24.5	24.5	22.6	20.5	19.4	17.5
32.0	22.2	22.1	21.5	19.6	18.5	16.8
34.0	20.1	20.1	20.0	18.7	17.7	16.1
36.0	18.3	18.3	18.2	17.8	16.8	15.4
38.0	16.7	16.7	16.6	16.6	16.1	14.7
40.0	15.3	15.3	15.2	15.2	15.1	14.1
42.0	14.1	14.0	13.9	13.9	13.8	13.5
44.0	12.9	12.9	12.8	12.8	12.7	12.7
46.0	11.9	11.8	11.7	11.7	11.6	11.6
48.0	11.0	10.9	10.8	10.8	10.7	10.7
50.0	10.1	10.0	9.9	9.9	9.8	9.8
52.0	9.3	9.2	9.1	9.1	9.0	9.0
54.0	8.6	8.5	8.4	8.4	8.3	8.3
56.0	7.9	7.9	7.8	7.8	7.7	7.6
58.0	7.3	7.2	7.1	7.1	7.0	7.0
60.0	6.8	6.7	6.6	6.6	6.5	6.4
62.0	6.2	6.2	6.1	6.1	5.9	5.9
64.0	5.8	5.7	5.6	5.6	5.5	5.4
66.0	5.6/64.9	5.2	5.1	5.1	5.0	5.0
68.0		4.9/67.5	4.7	4.7	4.6	4.5
70.0			4.3	4.3	4.2	4.1
72.0			4.2/70.2	3.9	3.8	3.8
74.0				3.8/72.8	3.5	3.4
76.0					3.3/74.8	3.1
78.0						2.9/77.4

SCX2500, lifting chart 360deg, main boom hammerhead with short jib

EC404016 (P- 1/ 2)

Summary chart based on Euro-standard

87.7t upper counterweight + 14.0t lower weight

Unit: t

Boom length(m)	15.25	18.30
Reeved lines	20	18
Wind(m/sec)		
Radius(m)	17	17
4.5	249.4	
5.0	230.4	213.4/5.4
6.0	190.4	189.4
7.0	163.4	162.4
8.0	143.4	142.4
9.0	127.4	127.4
10.0	114.4	114.4
12.0	91.7	91.3
14.0	73.7	73.2
16.0	67.7/14.9	60.9
18.0		53.9/17.5

SCX2500, lifting chart 360deg, main boom hammerhead with short jib

Summary chart based on Euro-standard

93.7t upper counterweight + 14.0t lower weight

Unit: t

Main boom with hammerhead acc. prEN13000(2003) & DIN15018/3																	
Boom length(m)	21.35	24.40	27.45	30.50	33.50	36.55	39.60	42.65	45.70	48.75	51.80	54.85	57.90	60.95	64.00	67.05	70.10
Reeved lines	16	14	12	12	10	9	9	8	7	7	6	6	5	5	4	4	3
Wind(m/sec)																	
Radius(m)	17	14	14	14	14	14	14	11	11	11	11	11	11	11	11	11	11
5.0	191.4/5.9																
6.0	189.4	177.4/6.4															
7.0	162.4	162.4	161.4	151.4/7.5													
8.0	142.4	142.4	142.4	142.1	134.1	119.1/8.5											
9.0	127.4	126.4	126.2	126.1	125.1	118.1	117.1/9.1	104.1/9.6									
10.0	114.2	114.2	114.2	113.1	110.1	107.1	105.1	102.1	92.9/10.1	86.3/10.7	78.4/11.2	70.1/11.7					
12.0	94.5	94.1	93.6	91.4	89.1	86.7	85.1	82.8	81.1	79.1	75.8	69.0	63.0/12.2	56.3/12.8	50.5/13.3	42.3/13.8	
14.0	76.8	76.5	76.3	75.5	74.1	72.4	71.3	69.4	68.1	66.5	65.0	63.7	59.5	54.2	49.4	42.2	39.3/14.4
16.0	63.6	63.3	63.0	62.6	62.4	61.5	60.9	59.4	58.4	57.0	55.8	54.7	53.8	51.1	46.5	40.9	38.3
18.0	54.0	53.7	53.4	52.9	52.6	52.2	52.2	51.6	50.7	49.5	48.5	47.6	46.9	46.0	44.0	39.8	36.2
20.0	46.8	46.4	46.1	45.6	45.4	44.9	44.9	44.5	44.5	43.6	42.7	41.9	41.3	40.5	39.6	37.7	34.3
22.0	46.0/20.2	40.8	40.4	39.9	39.6	39.2	39.2	38.8	38.7	38.3	37.9	37.2	36.6	35.9	35.2	34.4	32.6
24.0		38.5/22.8	35.8	35.3	35.0	34.5	34.5	34.1	34.0	33.6	33.4	33.2	32.7	32.1	31.4	30.7	30.1
26.0			33.0/25.5	31.5	31.2	30.7	30.7	30.2	30.2	29.8	29.5	29.4	29.2	28.8	28.2	27.5	27.0
28.0				28.4	28.0	27.5	27.5	27.0	26.9	26.5	26.2	26.1	26.0	25.8	25.4	24.8	24.3
30.0				28.2/28.1	25.4	24.8	24.8	24.3	24.2	23.8	23.5	23.3	23.2	23.0	22.8	22.4	22.0
32.0					24.5/30.8	22.6	22.5	22.0	21.8	21.4	21.1	21.0	20.9	20.6	20.4	20.1	19.9
34.0						21.2/33.4	20.5	20.0	19.8	19.4	19.0	18.9	18.8	18.6	18.3	18.0	17.8
36.0							18.8	18.2	18.0	17.6	17.2	17.1	17.0	16.7	16.5	16.2	16.0
38.0								16.7	16.5	16.0	15.7	15.5	15.4	15.1	14.9	14.6	14.4
40.0								16.2/38.7	15.1	14.6	14.3	14.1	14.0	13.7	13.4	13.1	12.9
42.0									14.3/41.3	13.4	13.0	12.8	12.7	12.4	12.2	11.8	11.7
44.0										12.3	11.9	11.7	11.6	11.3	11.0	10.7	10.5
46.0											10.9	10.7	10.5	10.2	10.0	9.7	9.4
48.0											10.6/46.6	9.8	9.6	9.3	9.0	8.7	8.5
50.0												9.3/49.2	8.8	8.5	8.2	7.8	7.6
52.0													8.0/51.9	7.7	7.4	7.1	6.8
54.0														7.0	6.7	6.4	6.1
56.0														6.8/54.5	6.0	5.7	5.4
58.0															5.6/57.2	5.1	4.8
60.0																4.6/59.8	4.2
62.0																	3.7
64.0																	3.6/62.4

SCX2500, lifting chart 360deg, short jib

Summary chart based on Euro-standard

EC404015 (P- 1/ 2)

87.7t upper counterweight + 14.0t lower weight

Unit: t

Boom length(m)	15.25	18.30
Reeved lines	1	1
Wind(m/sec)		
Radius(m)	17	17
5.0	13.5/5.6	
6.0	13.5	13.5/6.1
7.0	13.5	13.5
8.0	13.5	13.5
9.0	13.5	13.5
10.0	13.5	13.5
12.0	13.5	13.5
14.0	13.5	13.5
16.0	13.5	13.5
18.0	13.5/16.3	13.5
20.0		13.5/18.9

SCX2500, lifting chart 360deg, short jib

Summary chart based on Euro-standard

EC404015 (P- 2/ 2)

93.7t upper counterweight + 14.0t lower weight

Unit: t

Main boom with hammerhead acc. prEN13000(2003) & DIN15018/3																	
Boom length(m)	21.35	24.40	27.45	30.50	33.50	36.55	39.60	42.65	45.70	48.75	51.80	54.85	57.90	60.95	64.00	67.05	70.10
Reeved lines	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Wind(m/sec)																	
Radius(m)	17	14	14	14	14	14	14	11	11	11	11	11	11	11	11	11	11
6.0	13.5/6.7																
7.0	13.5	13.5/7.2	13.5/7.7														
8.0	13.5	13.5	13.5	13.5/8.3	13.5/8.8												
9.0	13.5	13.5	13.5	13.5	13.5	13.5/9.3	13.5/9.8										
10.0	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5/10.4	13.5/10.9	13.5/11.4							
12.0	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5/12.5	13.5/13.0	13.5/13.5			
14.0	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5/14.1	13.5/14.6	13.5/15.1
16.0	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
18.0	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
20.0	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
22.0	13.5/21.6	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
24.0		13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
26.0		13.5/24.2	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
28.0			13.5/26.8	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
30.0				13.5/29.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
32.0					13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
34.0					13.5/32.1	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
36.0						13.5/34.8	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
38.0							13.5/37.4	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
40.0								13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
42.0									13.5	13.5	13.5	13.5	13.5	13.0	12.8	12.4	12.3
44.0									13.5/42.7	12.9	12.5	12.3	12.2	11.9	11.6	11.3	11.1
46.0										12.7/45.3	11.5	11.3	11.1	10.8	10.6	10.3	10.0
48.0											10.5	10.4	10.2	9.9	9.6	9.3	9.1
50.0												9.5	9.4	9.1	8.8	8.4	8.2
52.0												9.2/50.6	8.6	8.3	8.0	7.7	7.4
54.0													8.1/53.2	7.6	7.3	7.0	6.7
56.0														6.9/55.9	6.6	6.3	6.0
58.0															5.9	5.7	5.4
60.0															5.7/58.5	5.1	4.8
62.0																4.7/61.2	4.3
64.0																	3.3/63.5

SCX2500, luffing jib ratings 360 deg

Summary chart acc. EN1300 & DIN15018/3

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

Jib length (m)	tower 21.35m																			
	21.35				24.40				27.45				30.50				33.50			
Tower angle (°)	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65
Reeved lines	6	6	5	3	6	6	4	3	6	6	4	3	5	5	4	3	5	4	3	2
Wind(m/sec)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
9.0	70.0/9.3																			
10.0	70.0				69.8/10.2															
11.0	70.0	70.0/11.5			69.5				69.4/11.1											
12.0	63.9	70.0			69.2	69.5/12.6			68.7				63.9				54.1/12.9			
13.0	57.0	65.2			65.8	69.4			67.3	69.3/13.6			62.1				54.0			
14.0	51.3	58.2			59.3	67.0			64.6	67.0			59.8	60.3/14.6			53.0			
15.0	46.4	52.3			53.9	60.5			61.3	64.3			57.6	59.5			52.1	51.9/15.7		
16.0	44.9	47.4			49.3	55.0			56.2	61.8			55.5	57.3			51.1	51.6		
18.0	37.6	41.9	54.5/18.5		44.3	46.1			47.9	52.7			51.8	53.4			48.0	49.3		
20.0	31.6	35.3	47.1		37.9	41.8	49.5		43.9	45.3	45.0/21.5		46.5	49.9			45.2	46.3		
22.0	26.3	29.7	39.6		32.6	36.0	43.8		38.3	41.8	43.8		41.3	44.1	40.6/23.1		40.8	43.5		
24.0	23.9/23.4	26.2	33.6		27.9	31.0	39.4		33.4	36.5	39.3		36.9	39.3	39.0		36.6	38.8	37.5/24.6	
26.0		24.6/24.5	30.4	34.4	24.8	26.4	34.3	32.6/26.9	29.2	32.0	35.5		32.8	35.3	35.3		32.9	35.0	35.3	
28.0			25.1	31.4	24.0/26.3	24.6/27.4	31.7	31.2	26.2	27.9	32.4	29.9/28.9	29.2	31.5	32.2		29.5	31.6	32.4	
30.0			24.8/28.1	28.9			27.2	28.7	23.8/29.3	24.4	29.8	28.5	25.9	28.1	29.5	27.3/30.8	26.5	28.4	29.4	
32.0				26.2/31.6			24.6/31.1	26.5		24.4/30.4	27.6	26.4	22.5	24.9	27.3	26.1	23.7	25.6	26.9	25.2/32.8
34.0								24.6			24.6	24.5	22.1/32.2	22.8/33.3	25.3	24.2	21.1	22.9	24.8	24.2
36.0								24.1/34.5				22.8			23.6	22.5	19.5/35.2	20.2	23.1	22.5
38.0											21.7/37.5				22.7/37.0	21.1		19.7/36.3	21.7	21.0
40.0																19.8			20.3/39.9	19.7
42.0																19.5/40.4				18.6
44.0																				17.9/43.4

SCX2500, luffing jib ratings 360 deg

Summary chart acc. EN1300 & DIN15018/3

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

	tower 21.35m																			
Jib length (m)	36.55				39.60				42.65				45.70				48.75			
Tower angle (°)	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65
Reeved lines	4	4	3	2	4	3	3	2	3	3	3	2	3	3	2	2	2	2	2	2
Wind(m/sec)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
Radius(m)																				
13.0	47.0/13.8																			
14.0	46.9				40.7/14.7															
15.0	46.1				40.5				34.8/15.6											
16.0	45.3	44.8/16.7			39.8	38.8/17.8			34.5				30.1/16.5				26.3/17.4			
18.0	44.0	44.1			38.5	38.7			33.4	33.0/18.8			29.5	28.8/19.8			26.1			
20.0	42.2	42.9			37.5	37.5			32.5	32.5			28.6	28.7			25.3	24.9/20.9		
22.0	40.0	40.8			36.7	36.5			31.7	31.6			27.8	27.8			24.6	24.6		
24.0	35.9	38.1			35.3	35.8			31.1	30.9			27.2	27.1			24.0	23.9		
26.0	32.5	34.3	34.8/26.1		32.0	33.8	31.0/27.6		30.5	30.3			26.8	26.5			23.3	23.4		
28.0	29.4	31.2	31.3		29.1	30.7	30.3		28.6	29.6	27.6/29.2		25.1	26.1			21.7	22.6		
30.0	26.5	28.4	28.4		26.4	28.0	27.4		26.6	27.8	26.7		23.6	24.4	24.8/30.7		20.3	21.1		
32.0	24.0	25.7	25.9		24.0	25.6	25.0		24.2	25.7	24.3		22.2	23.0	23.5		19.1	19.8	21.6/32.2	
34.0	21.6	23.2	23.8	23.0/34.8	21.8	23.2	22.9		22.1	23.5	22.3		21.0	21.6	21.5		18.0	18.6	20.8	
36.0	19.4	21.0	22.1	22.1	19.8	21.2	21.2	21.3/36.7	20.2	21.5	20.5		19.9	20.5	19.8		17.0	17.5	19.1	
38.0	17.1	18.8	20.6	20.8	17.9	19.2	19.7	20.4	18.5	19.7	19.0	19.8/38.7	18.5	19.5	18.3		16.1	16.6	17.6	
40.0	17.0/38.1	17.1/39.2	19.4	19.5	16.0	17.4	18.5	19.1	16.8	18.0	17.8	19.1	17.0	18.1	17.1	18.6/40.6	15.3	15.8	16.4	
42.0			18.5	18.3	15.0/41.0	15.5	17.4	18.0	15.2	16.4	16.7	18.0	15.5	16.6	16.0	17.7	14.7	15.0	15.3	16.8/42.6
44.0			18.0/42.9	17.3		15.3/42.2	16.6	17.0	13.5	14.8	15.8	16.9	14.2	15.2	15.0	16.5	14.1	14.4	14.3	16.1
46.0				16.3			15.8/45.8	16.0		13.9/45.1	15.0	15.9	12.7	13.8	14.2	15.5	13.2	13.9	13.5	15.0
48.0				16.1/46.3				15.2			14.5	15.0	12.0/46.9	12.4	13.6	14.6	12.0	13.0	12.8	14.1
50.0								14.6/49.3			14.3/48.7	14.1			13.0	13.8	10.8/49.9	11.7	12.2	13.3
52.0												13.7			12.4/51.7	13.2		11.0/51.0	11.7	12.6
54.0												13.6/52.2				12.8			11.4	12.1
56.0																12.7/55.1			11.3/54.6	11.7
58.0																				11.4
60.0																				11.3/58.1

SCX2500, luffing jib ratings 360 deg

Summary chart acc. EN1300 & DIN15018/3

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

Jib length (m)	tower 21.35m															
	51.80				54.85				57.90				60.95			
Tower angle (°)	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65
Reeved lines	2	2	2	2	2	2	2	2	2	2	2	1	2	2	1	1
Wind(m/sec)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
18.0	25.6/18.3				22.0/19.1											
20.0	25.1	24.5/21.9			21.8				19.6				17.3/20.9			
22.0	24.5	24.5			21.2	20.9/23.0			19.1				17.1			
24.0	24.0	23.9			20.8	20.7			18.7	18.6			16.6	16.6/25.1		
26.0	23.6	23.3			19.9	20.3			17.6	18.2			15.6	16.2		
28.0	22.9	22.9			18.8	19.4			16.6	17.1			14.6	15.1		
30.0	21.7	22.4			17.8	18.3			15.6	16.1			13.7	14.2		
32.0	20.6	21.2	21.3/33.7		16.9	17.4			14.8	15.2			13.0	13.4		
34.0	19.6	20.1	21.3		16.0	16.5	17.4/35.3		14.0	14.4			12.3	12.6		
36.0	18.7	19.2	20.2		15.3	15.7	17.2		13.3	13.7	14.7/36.8		11.6	12.0		
38.0	17.9	18.3	18.7		14.6	15.0	16.4		12.7	13.1	14.3		11.1	11.4	12.4/38.3	
40.0	17.2	17.6	17.4		14.0	14.4	15.6		12.2	12.5	13.6		10.5	10.8	11.9	
42.0	16.0	16.9	16.2		13.5	13.6	14.9		11.7	11.9	13.0		10.1	10.3	11.3	
44.0	14.8	15.7	15.2	16.4/44.6	13.0	13.3	14.3		11.2	11.4	12.4		9.6	9.9	10.7	
46.0	13.6	14.5	14.3	15.7	12.6	12.6	13.7	14.5/46.5	10.8	11.0	11.8		9.2	9.5	10.2	
48.0	12.5	13.4	13.4	14.7	12.2	12.4	12.9	14.1	10.4	10.4	11.4	12.1/48.5	8.9	9.1	9.8	
50.0	11.5	12.3	12.7	13.8	11.9	12.1	12.2	13.3	10.1	10.3	10.9	11.7	8.6	8.8	9.4	10.0/50.4
52.0	10.4	11.2	12.1	13.1	10.9	11.7	11.5	12.5	9.9	10.0	10.6	11.3	8.3	8.5	9.0	9.7
54.0	9.9/52.8	10.1/53.9	11.6	12.4	9.9	10.7	11.0	11.9	9.6	9.8	10.2	10.8	8.1	8.2	8.7	9.3
56.0			11.1	11.8	9.0/55.8	9.7	10.5	11.2	9.4	9.6	10.0	10.5	7.9	8.1	8.4	9.0
58.0			10.7/57.6	11.3		9.2/56.9	10.0	10.7	8.5	9.2	9.5	10.2	7.8	8.0	8.2	8.6
60.0				10.9			9.7	10.2	8.1/58.7	8.8/59.8	9.2	9.9	7.7	7.9	8.0	8.4
62.0				10.7/61.0			9.6/60.5	9.8			8.8	9.4	7.6/61.7	7.8	7.8	8.1
64.0								9.5			8.5/63.5	9.1		7.7/62.8	7.7	8.0
66.0												8.8			7.6	7.8
68.0												8.7/66.9			7.5/66.4	7.6
70.0																7.4/69.9

SCX2500, luffing jib ratings 360 deg**Summary chart acc. EN1300 & DIN15018/3**

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

Jib length (m)	tower 24.40m																			
	21.35				24.40				27.45				30.50				33.50			
Tower angle (°)	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65
Reeved lines	6	6	4	3	6	6	4	3	6	5	4	3	5	5	3	2	4	4	3	2
Wind(m/sec)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
Radius(m)	9.0	69.6/ 9.4																		
	10.0	69.5			69.4/ 10.3															
	11.0	69.3	69.6/ 11.8		69.1				68.8/ 11.2											
	12.0	64.7	69.5		68.6	69.3/ 12.8			68.0				62.4/ 12.1							
	13.0	57.7	67.3		66.5	69.1			65.2	65.2/ 13.9			60.4				53.7			
	14.0	51.8	63.3		59.9	68.6			62.7	65.1			58.1	58.2/ 14.9			52.7			
	15.0	46.9	53.8		54.4	62.1			60.3	62.5			56.0	58.0			51.6	51.5/ 15.9		
	16.0	42.7	48.6		49.7	56.3			56.7	60.2			54.1	55.9			49.9	51.4		
	18.0	37.9	40.4	50.5/ 19.3	44.7	47.2			48.3	53.8			50.6	52.1			46.9	48.2		
	20.0	31.9	36.1	48.6	38.2	40.1	46.1/ 20.8		44.3	46.1			46.9	48.9			44.2	45.4		
	22.0	26.6	30.4	42.3	32.9	36.7	42.9		38.5	40.0	42.1/ 22.3		41.9	44.8	38.2/ 23.9		41.6	42.9		
	24.0	24.0/ 23.5	25.2	35.8	28.1	31.6	38.5		33.7	37.2	38.4		37.0	40.3	38.1		36.9	40.1	35.4/ 25.4	
	26.0		24.4/ 24.8	32.4	32.5/ 26.3	25.1	27.0	34.9	29.4	32.6	34.7		32.9	35.8	34.5		33.0	35.7	34.5	
	28.0			27.3	30.2	24.0/ 26.4	24.5/ 27.7	31.8	25.3	28.4	31.7		29.3	31.9	31.4		29.6	32.0	31.4	
	30.0			24.8/ 28.9	27.8			29.0	27.5	23.8/ 29.4	26.0	29.1	27.1/ 30.2	25.9	28.4	28.8		26.5	28.8	28.8
	32.0				25.7			24.5/ 31.9	25.4		24.6/ 30.6	26.9	25.3	22.6	25.2	26.6	24.9/ 32.1	23.8	25.9	26.6
	34.0				24.8/ 32.9				23.6			25.0	23.5	22.1/ 32.3	23.1/ 33.6	24.7	23.2	21.1	23.2	24.7
	36.0							22.1/ 35.8				24.2/ 34.8	21.9			23.0	21.6	19.3/ 35.3	20.5	23.0
	38.0											20.5				21.4/ 37.8	20.2		19.8/ 36.5	21.5
	40.0										19.9/ 38.8					18.9			20.2	18.9
	42.0															18.0/ 41.7			19.7/ 40.7	17.8
	44.0																			16.8
	46.0																			16.4/ 44.7

SCX2500, luffing jib ratings 360 deg**Summary chart acc. EN1300 & DIN15018/3**

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

Jib length (m)	tower 24.40m																			
	36.55				39.60				42.65				45.70				48.75			
Tower angle (°)	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65
Reeved lines	4	4	3	2	3	3	3	2	3	3	3	2	3	3	2	2	2	2	2	2
Wind(m/sec)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
13.0	46.8/ 13.9																			
14.0	46.7				40.4/ 14.8															
15.0	45.8				40.3				34.4/ 15.7											
16.0	45.0	44.8/ 17.0			39.6				34.3				29.9/ 16.6				26.2/ 17.5			
18.0	43.7	44.0			38.3	38.6			33.2	32.8/ 19.1			29.3				26.0			
20.0	41.3	42.3			37.3	37.4			32.3	32.4			28.4	28.3/ 20.1			25.2	24.8/ 21.2		
22.0	39.2	40.1			36.4	36.4			31.5	31.5			27.7	27.7			24.5	24.6		
24.0	36.6	38.1			34.7	35.3			30.9	30.8			27.1	27.0			23.9	23.9		
26.0	32.7	35.4	32.7/ 26.9		32.5	33.8			30.5	30.2			26.6	26.4			23.4	23.3		
28.0	29.4	31.8	31.1		29.2	31.5	30.3/ 28.4		28.6	29.7			25.2	25.9			21.8	22.8		
30.0	26.6	28.6	28.5		26.4	28.4	28.2		26.7	28.0	28.2		23.6	24.6	24.8/ 31.5		20.4	21.7		
32.0	24.0	25.9	26.3		24.0	25.8	25.8		24.3	26.0	25.7		22.2	23.1	24.7		19.1	19.9	21.5/ 33.0	
34.0	21.7	23.4	24.4		21.8	23.5	24.0		22.1	23.7	23.8		21.0	21.8	23.1		18.0	18.7	21.3	
36.0	19.5	21.2	22.7	21.1/ 36.1	19.8	21.3	22.1		20.2	21.7	22.0		19.9	20.6	21.2		17.0	17.6	20.0	
38.0	17.2	19.0	21.2	19.8	17.9	19.4	20.5	19.5	18.5	19.8	20.3		18.5	19.6	19.6		16.1	16.7	18.8	
40.0	16.9/ 38.2	17.3/ 39.5	19.9	18.5	16.0	17.5	19.1	18.3	16.8	18.1	18.9	18.3	17.0	18.2	18.2	17.0/ 41.9	15.3	15.8	17.5	
42.0			18.7	17.4	14.9/ 41.1	15.7	18.0	17.1	15.2	16.5	17.7	17.2	15.5	16.7	17.0	16.9	14.7	15.1	16.3	15.7/ 43.9
44.0			17.7/ 43.6	16.4		15.3/ 42.4	17.0	16.1	13.5	14.9	16.7	16.2	14.2	15.3	16.0	15.9	14.1	14.5	15.3	15.7
46.0				15.6			16.0	15.2	13.4/ 44.1	13.7/ 45.4	15.9	15.2	12.7	13.9	15.1	15.0	13.2	13.9	14.4	14.8
48.0				14.9/ 47.6			15.7/ 46.6	14.4			15.2	14.4	11.9/ 47.0	12.5	14.3	14.1	12.0	13.1	13.6	14.0
50.0								13.7			14.6/ 49.5	13.7		12.2/ 48.3	13.7	13.4	10.7	11.8	12.9	13.2
52.0								13.6/ 50.5				13.0			13.3	12.7		10.9/ 51.3	12.4	12.5
54.0												12.4/ 53.5			13.2/ 52.5	12.1			12.0	11.9
56.0																11.5			11.7/ 55.4	11.3
58.0																11.3/ 56.4				10.8
60.0																				10.3/ 59.4

SCX2500, luffing jib ratings 360 deg**Summary chart acc. EN1300 & DIN15018/3**

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

	tower 24.40m															
Jib length (m)	51.80				54.85				57.90				60.95			
Tower angle (°)	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65
Reeved lines	2	2	2	2	2	2	2	2	2	2	2	1	2	2	1	1
Wind(m/sec) Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
18.0	25.3/ 18.4				21.9/ 19.3											
20.0	24.9				21.7				19.4/ 20.1				17.2/ 21.0			
22.0	24.3	24.3/ 22.2			21.1	20.7/ 23.2			19.0				17.0			
24.0	23.8	23.8			20.7	20.6			18.5	18.8/ 24.3			16.6	16.5/ 25.3		
26.0	23.4	23.2			20.0	20.2			17.6	18.1			15.6	16.2		
28.0	23.0	22.6			18.8	19.5			16.6	17.2			14.6	15.2		
30.0	21.7	22.5			17.8	18.5			15.7	16.2			13.8	14.3		
32.0	20.6	21.3			16.9	17.5			14.8	15.3			13.0	13.5		
34.0	19.6	20.2	21.2/ 34.5		16.1	16.6			14.0	14.5			12.3	12.7		
36.0	18.7	19.3	20.9		15.3	15.8	17.4/ 36.1		13.4	13.8	14.7/ 37.6		11.6	12.0		
38.0	17.9	18.4	20.0		14.6	15.1	16.7		12.7	13.1	14.6		11.1	11.4	12.3/ 39.1	
40.0	17.2	17.6	18.5		14.0	14.4	15.9		12.2	12.5	13.8		10.5	10.9	12.1	
42.0	16.0	17.0	17.3		13.5	13.8	15.1		11.7	12.0	13.2		10.1	10.4	11.5	
44.0	14.8	15.8	16.2	14.6/ 45.9	13.0	13.3	14.5		11.2	11.5	12.6		9.6	9.9	10.9	
46.0	13.6	14.6	15.2	14.6	12.6	12.8	13.9	13.7/ 47.8	10.8	11.0	12.0		9.2	9.5	10.4	
48.0	12.5	13.4	14.3	13.8	12.2	12.4	13.4	13.7	10.4	10.6	11.5	12.0/ 49.8	8.9	9.1	9.9	
50.0	11.5	12.4	13.5	13.0	11.9	12.1	12.9	13.1	10.1	10.3	11.1	12.0	8.6	8.8	9.5	9.9/ 51.7
52.0	10.4	11.3	12.8	12.3	10.9	11.7	12.2	12.4	9.8	10.0	10.7	11.5	8.3	8.5	9.1	9.9
54.0	9.9/ 52.9	10.2	12.2	11.7	9.9	10.8	11.6	11.7	9.6	9.8	10.3	11.1	8.1	8.2	8.8	9.5
56.0		10.0/ 54.2	11.7	11.1	8.9/ 55.9	9.8	11.1	11.1	9.4	9.6	10.0	10.7	7.9	8.0	8.5	9.2
58.0			11.1	10.6		8.9/ 57.1	10.6	10.6	8.5	9.3	9.8	10.0	7.8	7.9	8.3	8.8
60.0			10.9/ 58.4	10.1			10.2	10.1	8.1/ 58.8	8.3	9.6	9.7	7.7	7.8	8.0	8.5
62.0				9.7			9.9/ 61.3	9.6		8.2/ 60.1	9.4	9.4	7.6/ 61.8	7.7	7.9	8.3
64.0				9.6/ 62.3				9.2			9.1	9.0		7.6/ 63.0	7.8	8.1
66.0								8.9/ 65.3			9.0/ 64.3	8.6			7.7	7.9
68.0												8.2			7.6/ 67.2	7.8
70.0												8.1/ 68.2				7.6
72.0																7.4/ 71.2

SCX2500, luffing jib ratings 360 deg**Summary chart acc. EN1300 & DIN15018/3**

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

Jib length (m)	tower 27.45m																			
	21.35				24.40				27.45				30.50				33.50			
Tower angle (°)	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65
Reeved lines	6	6	4	3	6	6	4	3	5	5	3	2	5	5	3	2	4	4	3	2
Wind(m/sec)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
9.0	69.4/ 9.6																			
10.0	69.4				69.2/ 10.4															
11.0	69.2				69.0				66.9/ 11.3											
12.0	65.8	69.4			68.5				65.1				59.7/ 12.2							
13.0	58.3	69.2			66.9	69.0/ 13.1			62.5				58.0				53.0/ 13.1			
14.0	52.4	61.7			60.6	66.9			60.1	62.0/ 14.1			55.8				51.5			
15.0	47.4	55.3			55.0	63.8			57.3	60.1			53.9	56.7/ 15.2			49.8			
16.0	43.1	49.9			50.2	57.8			55.8	57.9			52.0	53.9			48.2	48.9/ 16.2		
18.0	38.3	41.4			42.4	48.3			48.7	53.9			48.8	50.3			45.3	46.6		
20.0	32.2	36.9	46.6/ 20.1		38.5	41.0	43.0/ 21.6		44.6	47.1			45.9	47.2			42.8	44.0		
22.0	26.9	31.1	42.5		33.1	37.4	42.1		38.8	40.8	39.6/ 23.1		42.1	43.9			40.6	41.6		
24.0	24.0/ 23.6	25.9	38.2		28.4	32.2	37.9		33.9	37.8	37.8		37.2	40.2	36.3/ 24.6		37.1	39.5		
26.0		24.7/ 25.0	34.6	30.1/ 27.5	25.4	27.6	34.3		29.6	33.2	34.2		33.0	36.3	33.9		33.1	36.2	33.3/ 26.2	
28.0			29.3	29.5	24.0/ 26.5	24.4	31.3	27.3/ 29.5	25.6	29.0	31.2		29.4	32.3	30.9		29.7	32.4	31.0	
30.0			24.7/ 29.7	27.0			28.8	26.8	23.8/ 29.5	24.9	28.6	25.1/ 31.5	26.1	28.8	28.4		26.7	29.1	28.4	
32.0				25.0			26.2	24.7		24.5/ 30.9	26.5	24.7	22.8	25.6	26.2	23.0/ 33.4	23.9	26.2	26.2	
34.0				23.2			24.5/ 32.7	22.9			24.6	22.9	22.1/ 32.4	22.5/ 33.9	24.3	22.5	21.2	23.5	24.3	21.3/ 35.4
36.0				23.0/ 34.2				21.4			23.0/ 35.6	21.3			22.6	21.0	19.3/ 35.4	20.8	22.6	20.9
38.0								20.5/ 37.1				19.9			21.2	19.6		19.7/ 36.8	21.1	19.5
40.0												18.7			20.8/ 38.5	18.4			19.8	18.4
42.0												18.6/ 40.1				17.3			18.8/ 41.5	17.3
44.0																16.8/ 43.0				16.3
46.0																				15.0/ 45.9

SCX2500, luffing jib ratings 360 deg**Summary chart acc. EN1300 & DIN15018/3**

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

Jib length (m)	tower 27.45m																			
	36.55				39.60				42.65				45.70				48.75			
Tower angle (°)	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65
Reeved lines	4	4	3	2	3	3	3	2	3	3	3	2	3	3	2	2	2	2	2	2
Wind(m/sec)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
14.0	46.1				39.8/ 14.9															
15.0	45.3				39.8				34.1/ 15.8											
16.0	44.5	44.3/ 17.3			39.1				34.0				29.5/ 16.7				25.8/ 17.6			
18.0	42.3	43.5			37.9	37.8/ 18.3			32.8	32.5/ 19.3			29.0				25.7			
20.0	40.0	41.1			36.8	37.0			31.9	32.2			28.1	28.0/ 20.4			24.9	24.6/ 21.4		
22.0	38.0	38.9			35.3	36.0			31.2	31.2			27.4	27.5			24.2	24.4		
24.0	36.2	37.0			33.7	34.4			30.6	30.5			26.8	26.8			23.6	23.6		
26.0	32.9	35.3	30.9/ 27.7		32.3	32.9			29.9	29.8			26.3	26.2			23.1	23.0		
28.0	29.6	32.2	30.7		29.4	31.5	28.8/ 29.2		28.7	29.2			25.2	25.7			21.8	22.5		
30.0	26.7	29.0	28.1		26.6	28.8	27.8		26.8	28.1	27.1/ 30.7		23.7	24.8			20.4	21.4		
32.0	24.1	26.2	25.9		24.1	26.1	25.6		24.4	26.3	25.7		22.3	23.3	24.5/ 32.3		19.1	20.0	21.2/ 33.8	
34.0	21.8	23.7	24.0		21.9	23.7	23.7		22.2	24.0	23.8		21.0	21.9	23.5		18.0	18.8	21.2	
36.0	19.5	21.4	22.3	19.6/ 37.3	19.9	21.6	22.0		20.3	21.9	22.1		20.0	20.7	22.1		17.0	17.7	20.5	
38.0	17.3	19.3	20.8	19.2	18.0	19.6	20.6	18.0/ 39.3	18.5	20.1	20.6		18.6	19.7	20.4		16.1	16.7	19.2	
40.0	16.9/ 38.3	17.5/ 39.7	19.5	18.0	16.1	17.8	19.2	17.7	16.9	18.3	19.3	17.0/ 41.3	17.1	18.4	18.9		15.3	15.9	18.1	
42.0			18.4	16.9	14.8/ 41.3	15.9	18.1	16.6	15.3	16.7	18.1	16.7	15.6	16.9	17.6	15.7/ 43.2	14.7	15.1	17.1	
44.0			17.3	15.9		15.2/ 42.7	17.0	15.6	13.6	15.1	17.1	15.7	14.2	15.5	16.5	15.4	14.1	14.5	16.2	14.6/ 45.2
46.0			17.2/ 44.4	15.0			16.1	14.7	13.4/ 44.2	13.8/ 45.6	16.1	14.8	12.8	14.1	15.5	14.5	13.3	14.0	15.2	14.3
48.0				14.2			15.4/ 47.4	13.9			15.2	14.0	12.0/ 47.1	12.7	14.7	13.7	12.1	13.2	14.3	13.5
50.0				13.8/ 48.9				13.2			14.5	13.2		12.2/ 48.6	14.1	13.0	10.8	12.0	13.6	12.8
52.0								12.6/ 51.8			14.4/ 50.3	12.5			13.6	12.3	10.7/ 50.1	11.1/ 51.5	13.0	12.1
54.0												11.9			13.2/ 53.3	11.7			12.5	11.5
56.0												11.6/ 54.8				11.1			12.0	10.9
58.0																10.5/ 57.7			11.9/ 56.2	10.4
60.0																				9.9
62.0																				9.8/ 60.7

SCX2500, luffing jib ratings 360 deg**Summary chart acc. EN1300 & DIN15018/3**

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

	tower 27.45m															
Jib length (m)	51.80				54.85				57.90				60.95			
Tower angle (°)	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65
Reeved lines	2	2	2	1	2	2	2	1	2	2	2	1	2	2	1	1
Wind(m/sec) Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
18.0	25.1/ 18.5				21.5/ 19.4											
20.0	24.7				21.4				19.2/ 20.2				17.0/ 21.1			
22.0	24.1	23.8/ 22.5			20.9	20.6/ 23.5			18.8				16.9			
24.0	23.5	23.5			20.4	20.5			18.3	18.2/ 24.5			16.5	16.2/ 25.6		
26.0	23.1	23.0			20.0	20.0			17.7	17.9			15.6	16.1		
28.0	22.8	22.6			18.9	19.6			16.6	17.4			14.7	15.3		
30.0	21.8	22.2			17.8	18.6			15.7	16.3			13.8	14.4		
32.0	20.6	21.4			16.9	17.6			14.8	15.4			13.0	13.6		
34.0	19.6	20.3	20.9/ 35.3		16.1	16.7			14.1	14.6			12.3	12.8		
36.0	18.7	19.4	20.7		15.3	15.9	17.5/ 36.8		13.4	13.9			11.6	12.1		
38.0	17.9	18.5	20.4		14.7	15.1	17.0		12.7	13.2	14.6/ 38.4		11.1	11.5	12.3/ 39.9	
40.0	17.2	17.7	19.1		14.0	14.5	16.1		12.2	12.6	14.1		10.5	10.9	12.3	
42.0	16.0	17.0	17.9		13.5	13.9	15.4		11.7	12.0	13.4		10.1	10.4	11.7	
44.0	14.8	15.9	16.8		13.0	13.3	14.7		11.2	11.5	12.8		9.6	9.9	11.1	
46.0	13.7	14.7	15.8	13.5/ 47.1	12.6	12.9	14.1		10.8	11.1	12.2		9.2	9.5	10.6	
48.0	12.6	13.6	14.9	13.3	12.2	12.5	13.5	12.8/ 49.1	10.4	10.7	11.7		8.9	9.1	10.1	
50.0	11.5	12.5	14.1	12.6	11.9	12.1	13.0	12.5	10.1	10.3	11.2	12.0/ 51.1	8.6	8.8	9.7	
52.0	10.4	11.4	13.3	11.9	10.9	11.8	12.6	11.9	9.8	10.0	10.8	11.5	8.3	8.5	9.3	10.0/ 53.0
54.0	9.8/ 53.0	10.3	12.7	11.3	8.9	10.9	12.0	11.2	9.6	9.8	10.4	10.9	8.1	8.2	8.9	9.8
56.0		10.0/ 54.5	12.1	10.7	6.9	9.9	11.4	10.6	9.4	9.6	10.1	10.5	7.9	8.0	8.6	9.4
58.0			11.5	10.2		9.2/ 57.4	10.9	10.1	8.5	9.4	9.9	9.9	7.8	7.9	8.3	9.0
60.0			11.2/ 59.2	9.7			10.5	9.7	8.0/ 58.9	8.5	9.6	9.4	7.7	7.8	8.1	8.7
62.0				9.3			9.7	9.2		8.3/ 60.4	9.5	9.0	7.6/ 61.9	7.7	7.9	8.4
64.0				9.0/ 63.7			9.6/ 62.1	8.6			9.4	8.3		7.6/ 63.3	7.8	8.0
66.0								8.2/ 66.6			9.3/ 65.0	8.0			7.7	7.7
68.0												7.7			7.6	7.4
70.0												7.6/ 69.5				7.1
72.0																6.7
74.0																6.6/ 72.4

SCX2500, luffing jib ratings 360 deg**Summary chart acc. EN1300 & DIN15018/3**

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

Jib length (m)	tower 30.50m																			
	21.35				24.40				27.45				30.50				33.50			
Tower angle (°)	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65
Reeved lines	6	6	4	3	6	5	3	2	5	5	3	2	5	4	3	2	4	4	3	2
Wind(m/sec)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
9.0	69.3/ 9.7																			
10.0	69.2				69.0/ 10.6															
11.0	69.0				68.8				63.5/ 11.4											
12.0	66.4	69.5/ 12.3			66.2				62.0				56.8/ 12.3							
13.0	59.0	69.2			63.5	65.3/ 13.3			59.5				55.4				50.6/ 13.2			
14.0	53.0	63.7			61.0	63.6			57.2	58.6/ 14.4			53.4				49.4			
15.0	47.9	56.9			55.3	61.1			55.1	57.4			51.5	52.6/ 15.4			47.8			
16.0	43.5	51.3			50.7	58.8			53.2	55.3			49.8	51.6			46.2	46.8/ 16.5		
18.0	38.6	42.4			42.8	49.4			49.1	51.5			46.7	48.2			43.5	44.9		
20.0	32.5	37.8	44.3/ 20.9		38.9	41.9			42.3	48.0			44.0	45.3			41.1	42.3		
22.0	27.1	31.9	42.0		33.4	38.2	40.4/ 22.4		39.1	41.5	37.3/ 23.9		41.6	42.8			39.0	40.0		
24.0	24.0/ 23.7	26.6	37.5		28.6	32.9	37.3		34.2	38.5	37.2		37.5	39.5	34.4/ 25.4		37.2	38.1		
26.0		24.6/ 25.3	34.0		25.7	28.2	33.8		29.8	33.8	33.7		33.3	36.4	33.6		33.4	36.1	32.2/ 27.0	
28.0			31.1	27.6/ 28.8	24.0/ 26.6	25.2	30.8		25.8	29.5	30.7		29.6	32.8	30.4		29.9	32.9	30.5	
30.0			26.1	26.4		24.6/ 28.2	28.3	25.3/ 30.8	23.9/ 29.6	25.5	28.2		26.3	29.3	27.9		26.9	29.6	28.0	
32.0			24.7/ 30.5	24.3			26.2	24.1		24.4/ 31.2	26.0	23.1/ 32.8	23.0	26.0	25.7		24.1	26.6	25.8	
34.0				22.6			24.7/ 33.4	22.3			24.2	22.1	22.1/ 32.5	22.7	23.9	21.2/ 34.7	21.4	23.9	23.9	
36.0				21.4/ 35.5				20.8			22.5	20.6		22.5/ 34.1	22.2	20.3	19.3/ 35.5	21.2	22.2	19.9/ 36.7
38.0								19.5			22.1/ 36.4	19.3			20.8	18.9		19.7/ 37.1	20.8	19.0
40.0								19.2/ 38.4				18.1			19.8/ 39.3	17.7			19.5	17.8
42.0												17.4/ 41.3				16.8			18.4	16.7
44.0																15.8			18.2/ 42.3	15.7
46.0																15.6/ 44.3				15.0
48.0																				14.5/ 47.2

SCX2500, luffing jib ratings 360 deg**Summary chart acc. EN1300 & DIN15018/3**

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

Jib length (m)	36.55				39.60				42.65				45.70				48.75			
	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65
Tower angle (°)	4	4	3	2	3	3	3	2	3	3	2	2	3	3	2	2	2	2	2	2
Reeved lines	4	4	3	2	3	3	3	2	3	3	2	2	3	3	2	2	2	2	2	2
Wind(m/sec)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
14.0	45.6/ 14.1																			
15.0	44.5				39.4				33.6/ 15.9											
16.0	43.2	42.4/ 17.5			38.6				33.6				29.2/ 16.8				25.5/ 17.7			
18.0	40.7	41.9			37.4	38.0/ 18.6			32.5	32.1/ 19.6			28.7				25.4			
20.0	38.5	39.6			35.8	36.7			31.5	31.9			27.8	27.8/ 20.6			24.6	24.3/ 21.7		
22.0	36.6	37.5			34.1	34.8			30.8	30.9			27.1	27.3			23.9	24.2		
24.0	34.9	35.7			32.5	33.2			30.1	30.1			26.5	26.5			23.3	23.4		
26.0	33.1	34.1			31.2	31.8			28.9	29.4			26.0	25.9			22.8	22.8		
28.0	29.8	32.6	29.6/ 28.5		29.5	30.5			27.9	28.3			25.3	25.4			21.9	22.3		
30.0	26.8	29.4	27.6		26.7	29.2	27.6		26.9	27.3	26.1/ 31.5		23.7	25.0			20.4	21.6		
32.0	24.3	26.6	25.4		24.2	26.4	25.2		24.5	26.4	25.3		22.3	23.4	24.2/ 33.1		19.2	20.2		
34.0	21.9	24.1	23.5		22.0	24.0	23.3		22.4	24.3	23.4		21.1	22.0	23.1		18.0	18.9	21.0/ 34.6	
36.0	19.7	21.8	21.9		20.0	21.9	21.6		20.4	22.2	21.8	Text	20.0	20.8	21.5		17.0	17.8	20.6	
38.0	17.4	19.6	20.5	18.2/ 38.6	18.1	19.9	20.2		18.7	20.3	20.3		18.7	19.8	20.0		16.1	16.8	19.5	
40.0	16.9/ 38.4	17.3	19.2	17.5	16.2	18.0	18.9	16.8/ 40.6	17.0	18.6	19.0		17.2	18.6	18.7		15.3	16.0	18.2	
42.0			18.0	16.4	14.8/ 41.4	16.2	17.7	16.1	15.4	17.0	17.8	15.9/ 42.6	15.7	17.1	17.5		14.7	15.2	17.0	
44.0			17.0	15.4		15.3/ 43.0	16.7	15.1	13.7	15.4	16.8	15.2	14.3	15.7	16.5	14.7/ 44.5	14.1	14.5	16.2	
46.0			16.4/ 45.2	14.5			15.8	14.3	13.4/ 44.3	13.8/ 45.9	15.8	14.3	12.9	14.3	15.5	14.1	13.4	14.0	15.3	13.6/ 46.5
48.0				13.8			15.0	13.5			15.0	13.5	12.0/ 47.2	12.9	14.7	13.3	12.2	13.4	14.4	13.1
50.0				13.1			14.9/ 48.2	12.8			14.2	12.8		12.3/ 48.8	13.9	12.5	10.9	12.2	13.6	12.4
52.0				13.0/ 50.2				12.1			13.7/ 51.1	12.1			13.2	11.9	10.7/ 50.2	11.1/ 51.8	12.9	11.7
54.0								11.7/ 53.1				11.5			12.6	11.3			12.4	11.1
56.0												11.0			12.4/ 54.1	10.7			11.8	10.5
58.0												10.9/ 56.1				10.2			11.5/ 57.0	10.0
60.0																10.0/ 59.0				9.5
62.0																				9.1

SCX2500, luffing jib ratings 360 deg**Summary chart acc. EN1300 & DIN15018/3**

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

	tower 30.50m															
Jib length (m)	51.80				54.85				57.90				60.95			
Tower angle (°)	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65
Reeved lines	2	2	2	1	2	2	2	1	2	2	2	1	2	2	1	1
Wind(m/ sec) Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
18.0	24.8/ 18.6				21.3/ 19.5											
20.0	24.4				21.2				19.0/ 20.4				16.8/ 21.2			
22.0	23.8	23.6/ 22.7			20.6	20.3/ 23.8			18.6				16.7			
24.0	23.2	23.3			20.2	20.3			18.1	18.0/ 24.8			16.3	15.9/ 25.9		
26.0	22.8	22.8			19.8	19.8			17.7	17.8			15.7	15.9		
28.0	22.5	22.3			18.9	19.4			16.7	17.4			14.7	15.5		
30.0	21.8	21.9			17.9	18.7			15.7	16.5			13.8	14.5		
32.0	20.7	21.5			16.9	17.7			14.8	15.5			13.0	13.6		
34.0	19.6	20.4			16.1	16.8			14.1	14.7			12.3	12.9		
36.0	18.7	19.4	20.6/ 36.1		15.3	15.9	17.5/ 37.6		13.4	13.9			11.7	12.2		
38.0	17.9	18.6	19.6		14.7	15.2	17.3		12.7	13.2	14.6/ 39.2		11.1	11.5		
40.0	17.2	17.8	18.3		14.0	14.5	16.4		12.2	12.6	14.4		10.5	11.0	12.2/ 40.7	
42.0	16.1	17.1	17.2		13.5	13.9	15.6		11.7	12.1	13.7		10.1	10.4	11.9	
44.0	14.9	16.1	16.1		13.0	13.4	14.9		11.2	11.6	13.0		9.6	10.0	11.3	
46.0	13.7	14.9	15.2		12.6	12.9	14.3		10.8	11.1	12.4		9.2	9.5	10.8	
48.0	12.6	13.7	14.3	12.5/ 48.4	12.2	12.5	13.7		10.4	10.7	11.9		8.9	9.2	10.3	
50.0	11.6	12.6	13.5	12.1	11.9	12.1	13.2	11.7/ 50.4	10.1	10.3	11.4		8.6	8.8	9.8	
52.0	10.5	11.6	12.8	11.5	11.0	11.8	12.7	11.5	9.8	10.0	10.9	11.2/ 52.3	8.3	8.5	9.4	
54.0	9.8/ 53.1	10.5	12.1	10.9	10.1	11.0	12.3	10.8	9.6	9.8	10.6	10.7	8.1	8.3	9.0	9.9/ 54.3
56.0		10.1/ 54.5	11.5	10.3	9.0	10.1	11.9	10.3	9.4	9.6	10.2	10.1	7.9	8.0	8.7	9.6
58.0			11.0	9.8	8.9/ 56.1	9.3/ 57.7	11.3	9.7	8.6	9.4	9.9	9.6	7.7	7.9	8.4	9.2
60.0			10.0/ 59.9	9.3			10.9	9.3	8.2/ 59.0	8.6	9.7	9.1	7.5	7.8	8.2	8.8
62.0				8.9			10.0	8.8		8.3/ 60.6	9.5	8.6	7.3	7.7	8.0	8.4
64.0				8.5			9.7/ 62.9	8.4			9.4	8.2		7.6/ 63.6	7.8	8.0
66.0				8.3/ 64.9				8.0			9.3/ 65.8	7.8			7.7	7.7
68.0								7.7/ 67.8				7.5			7.6	7.3
70.0												7.1			7.5/ 68.8	6.9
72.0												6.9/ 70.8				6.6
74.0																6.4/ 73.7

SCX2500, luffing jib ratings 360 deg**Summary chart acc. EN1300 & DIN15018/3**

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

Jib length (m)	tower 33.50m																			
	21.35				24.40				27.45				30.50				33.50			
Tower angle (°)	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65
Reeved lines	6	6	4	2	5	5	3	2	5	5	3	2	5	4	3	2	4	4	3	2
Wind(m/sec)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
Radius(m)	9.0	69.1/ 9.8																		
	10.0	69.0			66.4/ 10.7															
	11.0	68.1			65.6				59.9/ 11.6											
	12.0	67.2	68.6/ 12.6		62.8				59.0				54.2/ 12.4							
	13.0	59.8	67.5		60.3	61.5/ 13.6			56.7				53.0				49.0/ 13.3			
	14.0	53.6	64.7		57.9	60.6			54.5	55.2/ 14.7			51.0				47.4			
	15.0	48.4	58.6		55.8	58.2			52.6	54.8			49.2	49.8/ 15.7			45.9			
	16.0	43.9	52.7		51.2	56.0			50.8	52.8			47.6	49.4			44.4	44.8/ 16.7		
	18.0	39.0	43.4		43.2	50.5			47.5	49.2			44.6	46.2			41.8	43.2		
	20.0	32.8	38.7	41.2/ 21.7	39.2	42.8			42.6	46.2			42.1	43.4			39.5	40.7		
	22.0	27.4	32.6	40.7	33.7	38.9	37.7/ 23.2		39.4	42.3			39.8	41.0			37.5	38.5		
	24.0	24.0/ 23.8	27.3	37.2	28.9	33.6	36.5		34.4	39.7	35.1/ 24.7		37.6	38.8			35.7	36.6		
	26.0		24.4/ 25.6	33.5	26.0	28.8	33.2		30.1	34.4	33.1		33.3	35.8	32.4/ 26.2		33.4	34.9	30.2/ 27.8	
	28.0			30.5	24.1/ 26.7	25.9	30.3		26.0	30.1	30.2		29.6	33.0	29.9		29.9	32.9	29.7	
	30.0			28.2	25.2/ 30.1		24.5/ 28.5	27.8	23.9/ 29.7	26.0	27.7		26.3	29.6	27.4		26.9	29.9	27.5	
	32.0			24.7/ 31.3	23.6			25.7	23.2/ 32.1	24.6/ 31.4	25.6		23.0	26.3	25.3		24.1	26.8	25.3	
	34.0				21.9			23.9	21.5		23.7	21.5	22.0/ 32.6	23.0	23.4		21.4	24.1	23.5	
	36.0				20.4			23.7/ 34.2	20.1		22.1	20.0		22.3/ 34.4	21.8	19.7	19.2/ 35.6	21.5	21.8	
	38.0				19.9/ 36.7				18.8		21.2/ 37.2	18.6			20.4	18.3		19.8/ 37.3	20.4	18.4
	40.0							17.9/ 39.7			17.5				19.1	17.2			19.1	17.2
	42.0										16.4				19.0/ 40.1	16.1			18.0	16.1
	44.0										16.1/ 42.6					15.2			17.4/ 43.1	15.2
	46.0															14.5/ 45.6				14.3
	48.0																			13.6
	50.0																			13.4/ 48.5

SCX2500, luffing jib ratings 360 deg**Summary chart acc. EN1300 & DIN15018/3**

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

Jib length (m)	tower 33.50m																			
	36.55				39.60				42.65				45.70				48.75			
Tower angle (°)	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65
Reeved lines	4	4	3	2	3	3	2	2	3	3	2	2	3	3	2	1	2	2	2	1
Wind(m/sec)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
14.0	43.9/ 14.2																			
15.0	42.9				39.1/ 15.1															
16.0	41.6	40.7/ 17.8			38.3				33.3				28.8/ 16.9				25.2/ 17.8			
18.0	39.2	40.5			36.4	36.5/ 18.8			32.2	31.7/ 19.9			28.4				25.2			
20.0	37.1	38.2			34.5	35.5			31.3	31.7			27.6	27.5/ 20.9			24.4			
22.0	35.2	36.2			32.9	33.7			30.4	30.7			26.8	27.1			23.7	24.0		
24.0	33.6	34.4			31.4	32.1			29.1	29.7			26.2	26.3			23.1	23.3		
26.0	32.2	32.8			30.1	30.7			28.0	28.5			25.7	25.7			22.6	22.7		
28.0	29.8	31.5	27.9/ 29.3		28.9	29.4			27.0	27.4			24.9	25.2			21.9	22.2		
30.0	26.9	29.7	27.3		26.7	28.3	26.0/ 30.8		26.1	26.4			23.7	24.4			20.5	21.7		
32.0	24.3	26.8	25.0		24.2	26.7	24.7		24.5	25.5	24.5/ 32.3		22.3	23.6	23.0/ 33.8		19.2	20.3		
34.0	21.9	24.3	23.2		22.0	24.2	22.9		22.4	24.5	23.0		21.1	22.2	22.9		18.0	19.0	20.7/ 35.4	
36.0	19.7	21.9	21.5		20.0	22.0	21.2		20.4	22.4	21.3		20.0	20.9	21.1		17.0	17.9	20.6	
38.0	17.4	19.7	20.1	16.9/ 39.9	18.1	20.0	19.8		18.6	20.5	19.9		18.7	19.9	19.6		16.1	16.9	19.4	
40.0	16.8/ 38.5	17.5	18.8	16.9	16.2	18.1	18.5	15.6/ 41.9	17.0	18.7	18.6		17.1	18.7	18.3		15.3	16.0	18.2	
42.0		17.1/ 40.3	17.7	15.9	14.9/ 41.5	16.3	17.4	15.6	15.4	17.1	17.4	14.7/ 43.8	15.7	17.2	17.2		14.7	15.3	17.0	
44.0			16.7	14.9		15.2/ 43.2	16.4	14.6	13.7	15.5	16.4	14.7	14.3	15.8	16.1	13.5/ 45.8	14.1	14.6	16.0	
46.0			15.8	14.0			15.4	13.8	13.3/ 44.4	13.8	15.5	13.9	12.9	14.4	15.2	13.5	13.3	14.0	15.0	12.5/ 47.8
48.0				13.3			14.6	13.0		13.6/ 46.2	14.6	13.1	11.9/ 47.4	13.0	14.4	12.7	12.1	13.4	14.2	12.5
50.0				12.6			14.3/ 49.0	12.3			13.9	12.4		12.2/ 49.1	13.6	12.1	10.9	12.2	13.4	11.8
52.0				12.1/ 51.5				11.7			13.1/ 51.9	11.7			12.9	11.4	10.7/ 50.3	11.0	12.7	11.2
54.0								11.1				11.1			12.3	10.8			12.1	10.6
56.0								10.9/ 54.4				10.6			12.1/ 54.8	10.3			11.5	10.1
58.0												10.1/ 57.4				9.8			11.0/ 57.8	9.6
60.0																9.3				9.1
62.0																9.2/ 60.3				8.7
64.0																				8.4/ 63.2

SCX2500, luffing jib ratings 360 deg**Summary chart acc. EN1300 & DIN15018/3**

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

	tower 33.50m															
Jib length (m)	51.80				54.85				57.90				60.95			
Tower angle (°)	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65
Reeved lines	2	2	2	1	2	2	2	1	2	2	2	1	2	2	1	1
Wind(m/sec) Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
18.0	24.4/ 18.7				21.1/ 19.6											
20.0	24.1				21.0				18.7/ 20.5				16.6/ 21.4			
22.0	23.5	23.3/ 23.0			20.5				18.4				16.5			
24.0	23.0	23.1			20.0	20.1			18.0	17.7/ 25.1			16.1			
26.0	22.6	22.6			19.6	19.6			17.6	17.6			15.7	16.3/ 26.1		
28.0	22.3	22.1			18.9	19.2			16.7	17.2			14.7	15.5		
30.0	21.8	21.8			17.9	18.8			15.7	16.6			13.8	14.6		
32.0	20.7	21.5			17.0	17.8			14.9	15.6			13.0	13.7		
34.0	19.7	20.5			16.1	16.9			14.1	14.8			12.3	12.9		
36.0	18.7	19.5	20.1/ 36.9		15.4	16.0			13.4	14.0			11.7	12.2		
38.0	17.9	18.6	19.2		14.7	15.3	17.5/ 38.4		12.8	13.3	14.7/ 39.9		11.1	11.6		
40.0	17.2	17.8	17.9		14.1	14.6	16.7		12.2	12.7	14.7		10.5	11.0	12.3/ 41.5	
42.0	16.1	17.1	16.8		13.5	14.0	15.9		11.7	12.1	13.9		10.1	10.5	12.2	
44.0	14.9	16.2	15.8		13.0	13.4	15.2		11.2	11.6	13.2		9.6	10.0	11.5	
46.0	13.7	14.9	14.8		12.6	12.9	14.5		10.8	11.1	12.6		9.2	9.6	10.9	
48.0	12.6	13.8	14.0	11.6/ 49.7	12.2	12.5	13.9		10.4	10.7	12.1		8.9	9.2	10.4	
50.0	11.5	12.7	13.2	11.6	11.9	12.1	13.1	11.0/ 51.7	10.1	10.4	11.5		8.6	8.8	10.0	
52.0	10.4	11.6	12.5	11.0	11.0	11.8	12.5	11.0	9.8	10.0	11.1	10.4/ 53.6	8.3	8.5	9.5	
54.0	9.7/ 53.2	10.6	11.9	10.4	10.0	11.1	11.9	10.4	9.6	9.8	10.7	10.3	8.1	8.3	9.1	9.8/ 55.6
56.0		10.1/ 55.0	11.3	9.8	9.0	10.1	11.3	9.9	9.4	9.6	10.3	9.7	7.9	8.0	8.8	9.8
58.0			10.7	9.3	8.9/ 56.2	9.1/ 57.9	10.7	9.4	8.6	9.4	10.0	9.2	7.7	7.8	8.5	9.1
60.0			10.3	8.9			10.2	8.9	8.1/ 59.1	8.7	9.8	8.7	7.5	7.7	8.2	8.5
62.0			10.2/ 60.7	8.5			9.8	8.4		8.3/ 60.9	9.5	8.3	7.2	7.6	8.0	8.1
64.0				8.1			9.4/ 63.7	8.0			9.1	7.9	7.1/ 62.1	7.5/ 63.8	7.8	7.7
66.0				7.8				7.6			8.7	7.5			7.7	7.3
68.0				7.7/ 66.2				7.3			8.6/ 66.6	7.1			7.6	6.9
70.0								7.0/ 69.1				6.8			7.5/ 69.6	6.6
72.0												6.5				6.3
74.0												6.4/ 72.1				6.0
76.0																5.9/ 75.0

SCX2500, luffing jib ratings 360 deg**Summary chart acc. EN1300 & DIN15018/3**

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

Jib length (m)	21.35				24.40				27.45				30.50				33.50			
	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65
Tower angle (°)	5	5	3	2	5	5	3	2	5	4	3	2	4	4	3	2	4	4	3	2
Reeved lines	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
Wind(m/sec)																				
Radius(m)																				
9.0	67.5/ 9.9																			
10.0	67.5				62.1/ 10.8															
11.0	65.8				61.6				56.2/ 11.7											
12.0	62.8	63.8/ 12.8			59.0				55.6				51.0/ 12.5							
13.0	60.2	63.3			56.6	57.2/ 13.9			53.4				50.1				49.2/ 13.4			
14.0	54.2	60.6			54.4	57.0			51.4	51.8/ 14.9			48.2				47.1			
15.0	48.9	58.2			52.4	54.7			49.5	51.7			46.5				43.6			
16.0	44.4	54.1			50.6	52.7			47.8	49.8			45.0	46.8			42.2	42.3/ 17.0		
18.0	39.4	44.5			43.5	49.1			44.8	46.5			42.2	43.7			39.7	41.1		
20.0	33.1	39.5			39.5	43.7			42.2	43.6			39.8	41.1			37.5	38.7		
22.0	27.7	33.3	38.6/ 22.4		33.9	39.7			39.7	41.2			37.7	38.8			35.6	36.6		
24.0	24.0/ 23.9	28.0	36.0		29.1	34.2	35.3		34.7	38.7	32.8/ 25.5		35.9	36.8			33.9	34.8		
26.0		24.7/ 25.8	32.8		26.2	29.4	32.6		30.3	35.0	32.2		33.6	35.1	30.4/ 27.0		32.5	33.2		
28.0			29.9		23.8/ 26.9	24.8	29.7		26.2	30.6	29.6		29.9	32.6	29.2		30.1	31.8	28.5/ 28.5	
30.0			27.5	23.2/ 31.4		24.4/ 28.8	27.2		23.9/ 29.8	26.6	27.2		26.5	30.1	27.0		27.1	30.2	26.9	
32.0			24.9	22.7			25.1	21.2/ 33.4		24.5/ 31.7	25.1		23.2	26.7	24.7		24.3	27.3	24.8	
34.0			24.6/ 32.1	21.0			23.3	20.8			23.2	19.7/ 35.3	22.0/ 32.7	23.5	22.9		21.6	24.5	22.9	
36.0				19.5			22.4/ 35.0	19.3			21.6	19.3		22.5/ 34.6	21.3	17.9/ 37.3	19.3/ 35.7	21.8	21.3	
38.0				18.4				18.0			20.3	18.0			19.9	17.6		19.6/ 37.6	20.0	17.1/ 39.2
40.0								17.0				16.8			18.7	16.5			18.7	16.6
42.0								16.5/ 41.0				15.8			18.1/ 40.9	15.5			17.6	15.5
44.0												14.8/ 43.9				14.6			16.5/ 43.9	14.6
46.0																13.8				13.8
48.0																13.4/ 46.9				13.0
50.0																				12.4/ 49.8

SCX2500, luffing jib ratings 360 deg

Summary chart acc. EN1300 & DIN15018/3

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

Jib length (m)	36.55				39.60				42.65				45.70				48.75			
	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65
Tower angle (°)	4	3	2	2	3	3	2	2	3	3	2	2	3	3	2	1	2	2	2	1
Reeved lines	4	3	2	2	3	3	2	2	3	3	2	2	3	3	2	1	2	2	2	1
Wind(m/sec)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
14.0	41.8/ 14.3																			
15.0	40.9				37.7/ 15.2															
16.0	39.6				36.9				32.9/ 16.1				28.5/ 17.0				25.0/ 17.9			
18.0	37.3	38.6			34.8	34.8/ 19.1			31.8				28.1				25.0			
20.0	35.3	36.4			32.9	34.0			30.6	31.2/ 20.1			27.3	27.2/ 21.2			24.2			
22.0	33.5	34.4			31.3	32.2			29.2	29.9			26.5	26.9			23.4	23.6/ 22.2		
24.0	32.0	32.8			29.9	30.6			27.9	28.5			25.8	26.1			22.9	23.1		
26.0	30.6	31.3			28.7	29.3			26.8	27.3			24.8	25.3			22.4	22.5		
28.0	29.4	30.0			27.6	28.0			25.8	26.2			23.9	24.3			22.0	21.9		
30.0	27.0	28.8	26.2/ 30.1		26.6	27.0	24.5/ 31.6		24.9	25.3			23.1	23.4			20.5	21.5		
32.0	24.4	27.2	24.7		24.4	26.0	24.2		24.2	24.4	23.3/ 33.1		22.4	22.7			19.2	20.5		
34.0	22.0	24.6	22.7		22.1	24.5	22.5		22.5	23.7	22.4		21.1	22.0	21.7/ 34.6		18.1	19.2		
36.0	19.8	22.3	21.1		20.1	22.3	20.8		20.6	22.7	20.9		20.0	21.1	20.5		17.0	18.0	20.1/ 36.2	
38.0	17.6	20.0	19.6		18.2	20.3	19.4		18.8	20.7	19.5		18.8	20.0	19.2		16.1	17.0	19.1	
40.0	16.9/ 38.6	17.8	18.4	15.2/ 41.2	16.3	18.4	18.1		17.1	19.0	18.2		17.2	19.0	17.9		15.3	16.1	17.8	
42.0		17.2/ 40.5	17.3	15.2	14.7/ 41.6	16.6	17.0	14.3/ 43.2	15.5	17.3	17.1		15.8	17.4	16.8		14.7	15.3	16.6	
44.0			16.3	14.3		15.2/ 43.5	16.0	14.0	13.8	15.7	16.1	13.6/ 45.1	14.4	16.0	15.8		14.1	14.6	15.6	
46.0			15.4	13.5			15.1	13.2	13.3/ 44.5	14.1	15.1	13.3	13.0	14.6	14.9	12.5/ 47.1	13.4	14.1	14.7	
48.0			14.9/ 46.8	12.7			14.3	12.4		13.7/ 46.4	14.3	12.5	11.9/ 47.5	13.2	14.0	12.2	12.2	13.6	13.8	11.6/ 49.0
50.0				12.1			13.5/ 49.7	11.8			13.6	11.9		12.2/ 49.4	13.3	11.5	11.0	12.4	13.1	11.3
52.0				11.5				11.1			12.9	11.2			12.6	10.8	10.7/ 50.4	11.2	12.4	10.7
54.0				11.3/ 52.8				10.6			12.6/ 52.7	10.6			12.0	10.3		11.0/ 52.3	11.8	10.1
56.0								10.0/ 55.7				10.1			11.3/ 55.6	9.8			11.2	9.5
58.0												9.6				9.3			10.7	9.1
60.0												9.4/ 58.6				8.9			10.5/ 58.6	8.6
62.0																8.5/ 61.6				8.3
64.0																				7.9
66.0																				7.8/ 64.5

SCX2500, luffing jib ratings 360 deg**Summary chart acc. EN1300 & DIN15018/3**

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

Jib length (m)	tower 36.55m															
	51.80				54.85				57.90				60.95			
Tower angle (°)	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65
Reeved lines	2	2	2	1	2	2	2	1	2	2	2	1	2	2	1	1
Wind(m/sec)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
18.0	24.2/ 18.8				20.8/ 19.7											
20.0	23.9				20.8				18.4/ 20.6				16.4/ 21.5			
22.0	23.3	23.1/ 23.3			20.2				18.2				16.3			
24.0	22.7	22.9			19.8	19.9/ 24.3			17.8	17.6/ 25.3			15.9			
26.0	22.3	22.3			19.4	19.5			17.4	17.5			15.6	15.7/ 26.4		
28.0	22.0	21.9			19.0	19.0			16.7	17.1			14.7	15.3		
30.0	21.4	21.5			17.9	18.7			15.8	16.7			13.9	14.7		
32.0	20.7	20.9			17.0	17.9			14.9	15.7			13.1	13.8		
34.0	19.7	20.3			16.1	16.9			14.1	14.9			12.3	13.0		
36.0	18.8	19.6	19.1/ 37.7		15.4	16.1			13.4	14.1			11.7	12.3		
38.0	17.9	18.7	18.9		14.7	15.3	17.3/ 39.2		12.8	13.4			11.1	11.6		
40.0	17.2	17.9	17.6		14.1	14.7	17.1		12.2	12.7	14.7/ 40.7		10.5	11.1		
42.0	16.2	17.2	16.4		13.5	14.0	16.2		11.7	12.2	14.2		10.1	10.5	12.2/ 42.3	
44.0	14.9	16.3	15.4		13.0	13.5	15.1		11.2	11.6	13.5		9.6	10.0	11.7	
46.0	13.8	15.1	14.5		12.6	13.0	14.5		10.8	11.2	12.8		9.2	9.6	11.1	
48.0	12.7	13.9	13.7		12.2	12.5	13.7		10.4	10.8	12.2		8.9	9.2	10.6	
50.0	11.6	12.8	12.9	10.8/ 51.0	11.8	12.2	13.0		10.1	10.4	11.7		8.6	8.9	10.1	
52.0	10.5	11.8	12.2	10.5	11.1	11.8	12.2	10.3/ 53.0	9.8	10.1	11.2		8.3	8.5	9.7	
54.0	9.7/ 53.3	10.7	11.6	9.9	10.1	11.2	11.6	10.0	9.6	9.8	10.8	9.5/ 54.9	8.0	8.3	9.3	
56.0		9.9/ 55.3	11.0	9.3	9.1	10.3	11.0	9.4	9.4	9.6	10.3	9.3	7.9	8.0	8.9	8.8/ 56.9
58.0			10.5	8.9	8.9/ 56.3	9.3	10.5	8.9	8.6	9.4	9.9	8.8	7.7	7.8	8.6	8.6
60.0			10.0	8.4		9.2/ 58.2	10.0	8.5	8.1/ 59.2	8.8	9.6	8.3	7.6	7.7	8.3	8.1
62.0			9.6/ 61.5	8.0			9.5	8.0		8.4/ 61.1	9.3	7.9	7.3	7.6	8.1	7.7
64.0				7.6			9.1	7.6			8.9	7.5	7.2/ 62.2	7.5	7.9	7.3
66.0				7.4			9.0/ 64.5	7.3			8.5	7.1		7.4/ 64.1	7.7	6.9
68.0				7.1/ 67.5				6.9			8.2/ 67.4	6.7			7.6	6.6
70.0								6.6				6.4			7.5	6.2
72.0								6.5/ 70.4				6.1			7.4/ 70.4	5.9
74.0												5.9/ 73.4				5.7
76.0																5.4
78.0																5.3/ 76.3

SCX2500, luffing jib ratings 360 deg**Summary chart acc. EN1300 & DIN15018/3**

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

Jib length (m)	tower 39.60m																			
	21.35				24.40				27.45				30.50				33.50			
Tower angle (°)	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65
Reeved lines	5	5	3	2	5	4	3	2	4	4	3	2	4	4	3	2	4	3	2	2
Wind(m/sec)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
10.0	64.1				57.8/ 10.9															
11.0	61.2				57.6				52.6/ 11.8											
12.0	58.5				55.2				52.2				47.7/ 12.7							
13.0	56.1	58.5/ 13.1			52.9				50.1				47.2				43.4/ 13.5			
14.0	54.0	56.6			50.9	53.0/ 14.1			48.2				45.4				42.7			
15.0	49.4	54.4			49.0	51.3			46.5	48.4/ 15.2			43.8				41.2			
16.0	44.8	52.4			47.3	49.4			44.9	46.9			42.3	43.6/ 16.2			39.9	39.7/ 17.3		
18.0	39.7	45.6			43.9	46.0			42.1	43.7			39.7	41.3			37.5	38.9		
20.0	33.4	40.5			39.8	43.2			39.6	41.0			37.4	38.7			35.4	36.6		
22.0	28.0	34.1	36.1/ 23.2		34.2	40.5			37.5	38.7			35.5	36.6			33.6	34.6		
24.0	24.1	28.7	34.8		29.4	34.9	32.8/ 24.8		35.8	36.7			33.8	34.7			32.1	32.9		
26.0		24.9	32.1		26.5	30.0	31.5		30.5	35.0	30.6/ 26.3		32.3	33.1	28.5/ 27.8		30.7	31.4		
28.0		24.5/ 26.1	29.4		23.8/ 27.0	25.5	29.2		26.4	31.2	28.9		29.9	31.6	28.3		29.5	30.1	26.9/ 29.3	
30.0			27.0			24.6/ 29.0	26.7		23.9/ 29.9	27.1	26.5		26.5	29.9	26.3		27.1	28.9	26.2	
32.0			24.9	21.3/ 32.7			24.6			24.4	24.6		23.2	27.0	24.4		24.3	27.5	24.3	
34.0			23.9/ 32.9	20.3			22.8	19.5/ 34.7			22.8		21.8/ 32.8	23.8	22.5		21.6	24.7	22.5	
36.0				18.9			21.2/ 35.8	18.6			21.2	18.1/ 36.6		22.3/ 34.9	20.9		19.1/ 35.8	22.0	21.0	
38.0				17.6				17.4			19.8	17.3			19.5	16.6/ 38.6		19.4/ 37.9	19.6	
40.0				16.8/ 39.3				16.3			19.3/ 38.8	16.2			18.3	15.9			18.3	18.7/ 40.5
42.0								15.3				15.2			17.2/ 41.7	14.9			17.2	15.0
44.0								15.1/ 42.3				14.3				14.0			16.2	14.1
46.0												13.8/ 45.2				13.2			16.0/ 44.6	13.3
48.0																12.5				12.5
50.0																12.4/ 48.2				11.9
52.0																				11.5/ 51.1

SCX2500, luffing jib ratings 360 deg**Summary chart acc. EN1300 & DIN15018/3**

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

Jib length (m)	tower 39.60m																			
	36.55				39.60				42.65				45.70				48.75			
Tower angle (°)	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65
Reeved lines	3	3	2	2	3	3	2	1	3	3	2	1	3	2	2	1	2	2	2	1
Wind(m/sec)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
14.0	39.5/ 14.4																			
15.0	38.8				35.8/ 15.3															
16.0	37.6				35.1				32.2/ 16.2				28.1/ 17.1							
18.0	35.4	36.2/ 18.3			33.1	32.9/ 19.4			30.8				27.8				24.7			
20.0	33.4	34.6			31.3	32.4			29.2	29.6/ 20.4			26.9	27.0/ 21.4			23.9			
22.0	31.8	32.7			29.8	30.6			27.9	28.6			25.9	26.6			23.2	23.0/ 22.5		
24.0	30.3	31.1			28.4	29.1			26.7	27.3			24.8	25.3			22.6	22.9		
26.0	29.0	29.6			27.2	27.8			25.6	26.1			23.8	24.2			22.0	22.2		
28.0	27.8	28.4			26.1	26.6			24.6	25.0			22.9	23.3			21.2	21.6		
30.0	26.8	27.3	24.7/ 30.9		25.2	25.6			23.8	24.1			22.1	22.4			20.5	20.8		
32.0	24.4	26.3	23.9		24.4	24.7	22.9/ 32.4		23.0	23.3	21.9/ 33.9		21.4	21.6			19.2	20.1		
34.0	22.0	24.8	22.1		22.1	23.9	21.9		22.3	22.5	21.9		20.8	21.0	20.5/ 35.4		18.1	19.3		
36.0	19.8	22.4	20.6		20.1	22.5	20.3		20.5	21.9	20.3		20.0	20.4	20.1		17.1	18.1	19.3/ 36.9	
38.0	17.6	20.2	19.2		18.1	20.4	18.9		18.7	20.9	19.0		18.8	19.8	18.8		16.2	17.1	18.6	
40.0	16.8/ 38.7	18.0	18.0		16.3	18.5	17.7		17.1	19.1	17.8		17.2	19.1	17.6		15.4	16.2	17.4	
42.0		17.1/ 40.8	16.9	14.6/ 42.5	13.7/ 41.7	16.7	16.6		15.5	17.4	16.7		15.7	17.5	16.4		14.7	15.4	16.2	
44.0			15.9	13.7		15.1/ 43.7	15.6	13.2/ 44.5	13.8	15.8	15.7		14.3	16.0	15.4		14.1	14.7	15.3	
46.0			15.0	13.0			14.7	12.6	13.2/ 44.6	14.2	14.8	12.6/ 46.4	12.9	14.7	14.5		13.4	14.1	14.4	
48.0			14.2/ 47.6	12.2			13.9	11.9		13.6/ 46.7	14.0	12.0	11.7/ 47.6	13.3	13.7	11.5/ 48.4	12.2	13.6	13.5	
50.0				11.6			13.2	11.3			13.3	11.3		12.1/ 49.6	13.0	11.0	10.9	12.5	12.8	10.7/ 50.3
52.0				11.0			13.0/ 50.5	10.7			12.6	10.8			12.3	10.4	10.5/ 50.5	11.2	12.1	10.2
54.0				10.4				10.1			12.1/ 53.5	10.2			11.7	9.8		10.8/ 52.6	11.5	9.6
56.0								9.6				9.7			11.1	9.3			10.9	9.1
58.0								9.4/ 57.0				9.2			10.9/ 56.4	8.8			10.4	8.6
60.0												8.8/ 59.9				8.4			10.0/ 59.4	8.2
62.0																8.0				7.8
64.0																7.9/ 62.9				7.4
66.0																				7.2/ 65.8

SCX2500, luffing jib ratings 360 deg**Summary chart acc. EN1300 & DIN15018/3**

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

	tower 39.60m															
Jib length (m)	51.80				54.85				57.90				60.95			
Tower angle (°)	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65
Reeved lines	2	2	2	1	2	2	2	1	2	2	2	1	2	2	1	1
Wind(m/sec) Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
18.0	23.9/ 18.9				20.5/ 19.8											
20.0	23.6				20.5				18.3/ 20.7				16.1/ 21.6			
22.0	23.0	22.7/ 23.5			20.0				18.0				16.1			
24.0	22.5	22.6			19.5	19.5/ 24.6			17.5	17.3/ 25.6			15.7			
26.0	22.0	22.1			19.2	19.3			17.2	17.3			15.4	15.2/ 26.7		
28.0	21.2	21.5			18.9	18.8			16.7	16.9			14.8	15.1		
30.0	20.4	20.7			18.0	18.5			15.8	16.5			13.9	14.8		
32.0	19.8	20.0			17.0	18.0			14.9	15.8			13.1	13.9		
34.0	19.2	19.4			16.2	17.0			14.1	14.9			12.3	13.1		
36.0	18.7	18.8			15.4	16.2			13.4	14.1			11.7	12.4		
38.0	17.9	18.2	18.0/ 38.5		14.7	15.4			12.8	13.4			11.1	11.7		
40.0	17.2	17.8	17.3		14.1	14.7	17.0		12.2	12.8	14.7/ 41.5		10.6	11.1		
42.0	16.2	17.2	16.1		13.5	14.1	16.1		11.7	12.2	14.5		10.1	10.6	12.3/ 43.0	
44.0	14.9	16.4	15.1		13.0	13.5	15.1		11.2	11.7	13.7		9.6	10.1	12.0	
46.0	13.7	15.2	14.2		12.6	13.0	14.2		10.8	11.2	13.0		9.2	9.6	11.3	
48.0	12.6	14.0	13.3		12.2	12.6	13.4		10.4	10.8	12.4		8.9	9.2	10.8	
50.0	11.6	12.9	12.6		11.8	12.2	12.7		10.1	10.4	11.9		8.5	8.9	10.3	
52.0	10.5	11.8	11.9	9.6/ 52.3	11.0	11.9	12.0		9.8	10.1	11.4		8.3	8.6	9.8	
54.0	9.6/ 53.5	10.8	11.3	9.2	10.1	11.3	11.3	9.1/ 54.3	9.6	9.8	11.0		8.0	8.3	9.4	
56.0		10.0/ 55.5	10.7	8.7	9.1	10.3	10.7	8.8	9.4	9.6	10.6	8.8/ 56.2	7.8	8.0	9.0	
58.0			10.2	8.2	8.9/ 56.4	9.3	10.2	8.3	8.6	9.4	10.0	8.4	7.7	7.8	8.7	8.4/ 58.2
60.0			9.7	7.8		9.0/ 58.5	9.7	7.9	8.0/ 59.3	8.8	9.5	7.9	7.6	7.7	8.4	7.7
62.0			9.3	7.4			9.2	7.5		8.3/ 61.4	9.1	7.5	7.3	7.6	8.1	7.3
64.0			9.2/ 62.3	7.0			8.8	7.1			8.6	7.1	7.2/ 62.3	7.5	7.9	6.9
66.0				6.7			8.6/ 65.3	6.7			8.2	6.7		7.4/ 64.4	7.8	6.6
68.0				6.5/ 68.8				6.4			7.9	6.4			7.6	6.2
70.0								6.1			7.8/ 68.2	6.1			7.5	5.9
72.0								5.9/ 71.7				5.8			7.4/ 71.1	5.6
74.0												5.5				5.3
76.0												5.3/ 74.7				5.1
78.0																4.9/ 77.6

SCX2500, luffing jib ratings 360 deg**Summary chart acc. EN1300 & DIN15018/3**

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

Jib length (m)	tower 42.65m																			
	21.35				24.40				27.45				30.50				33.50			
Tower angle (°)	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65
Reeved lines	5	5	3	2	4	4	3	2	4	4	3	2	4	4	2	2	4	3	2	2
Wind(m/sec)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
Radius(m)	10.0	59.4/ 10.1																		
	11.0	57.0			53.9				49.2/ 11.9											
	12.0	54.5			51.6				49.0				44.7/ 12.8							
	13.0	52.3	54.1/ 13.4		49.5				47.0				44.4				40.8/ 13.7			
	14.0	50.3	52.9		47.5	49.1/ 14.4			45.2				42.8				40.4			
	15.0	48.4	50.8		45.8	48.1			43.6	44.8/ 15.5			41.2				39.0			
	16.0	45.3	48.9		44.2	46.3			42.1	44.1			39.8	40.7/ 16.5			37.7	37.3/ 17.5		
	18.0	40.1	45.5		41.4	43.1			39.4	41.0			37.3	38.9			35.4	36.8		
	20.0	33.7	41.4		39.0	40.4			37.1	38.5			35.2	36.5			33.4	34.6		
	22.0	28.2	34.9		34.5	38.1			35.2	36.3			33.3	34.4			31.7	32.7		
	24.0	24.4	29.4	33.6	29.6	35.6	31.0/ 25.5		33.5	34.4			31.7	32.6			30.2	31.0		
	26.0	24.1/ 24.1	25.7	31.0	26.8	30.6	30.4		30.7	32.8	28.7/ 27.1		30.3	31.0		Text	28.9	29.6		
	28.0		24.8/ 26.3	28.8	23.8/ 27.1	26.1	28.2		26.6	31.5	27.9		29.1	29.7	26.4/ 28.6		27.8	28.3		
	30.0			26.4		24.5/ 29.3	26.2		23.9	27.6	26.0		26.6	28.6	25.3		26.8	27.2	25.3/ 30.1	
	32.0			24.4			24.1			25.1	24.0		23.4	27.4	23.7		24.4	26.3	23.7	
	34.0			22.7/ 33.7	19.5		22.4	17.9/ 35.9		24.6/ 32.2	22.2		21.8/ 33.0	24.2	22.0		21.7	25.0	22.0	
	36.0				18.1		20.8	17.9			20.7	16.6/ 37.9		22.2/ 35.2	20.3		19.1/ 35.9	22.4	20.5	
	38.0				16.9		20.3/ 36.6	16.7			19.3	16.6			19.0	15.1/ 39.9		19.6	19.1	
	40.0				15.8			15.6			18.3/ 39.5	15.5			17.7	15.1		19.4/ 38.1	17.9	14.4/ 41.8
	42.0				15.5/ 40.6			14.6				14.6			16.7	14.3			16.8	14.4
	44.0							13.9/ 43.6				13.7			16.5/ 42.5	13.4			15.8	13.5
	46.0											13.0				12.6			15.2/ 45.4	12.7
	48.0											12.8/ 46.5				11.9				12.0
	50.0															11.4/ 49.4				11.3
	52.0																			10.8
	54.0																			10.7/ 52.4

SCX2500, luffing jib ratings 360 deg

Summary chart acc. EN1300 & DIN15018/3

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

Tower angle (°)		Reeved lines		Wind(m/sec)		Radius(m)		Tower length (m)																																																				
88	85	3	11	11	11	37.4/14.5	36.8	35.6	33.5	34.0/18.6	31.4	31.1/19.6	30.6/16.3	29.4	28.1/20.7	26.0	25.6/21.7	23.7	22.9	23.0/22.8	22.0	24.0	28.6	27.3	26.3	25.3	23.3/31.6	23.0	23.3	21.7/33.2	21.2	21.4	20.6	19.9	19.3	19.4/36.2	17.1	17.2	15.4	16.3	17.0	16.0	15.0	14.7	14.1	14.1	13.9	13.2	9.8/51.6	9.7	9.2	8.6	10.1	8.2	7.8	9.5/60.2	7.4	7.0	6.7	6.4/67.1
36.55				75				88				39.60				42.65				45.70				48.75																																				

SCX2500, luffing jib ratings 360 deg**Summary chart acc. EN1300 & DIN15018/3**

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

Jib length (m)	tower 42.65m															
	51.80				54.85				57.90				60.95			
Tower angle (°)	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65
Reeved lines	2	2	2	1	2	2	2	1	2	2	2	1	2	2	1	1
Wind(m/sec) Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
18.0	23.6/ 19.0				20.5/ 19.9											
20.0	23.3				20.5				18.0/ 20.8				15.8/ 21.7			
22.0	22.7	22.5/ 23.8			20.0				17.8				15.8			
24.0	21.8	22.4			19.5	19.5/ 24.8			17.4	17.3/ 25.9			15.6			
26.0	21.0	21.4			19.2	19.2			17.0	17.1			15.2	15.1/ 26.9		
28.0	20.2	20.5			18.9	18.9			16.7	16.7			14.8	15.0		
30.0	19.5	19.7			18.0	18.0			15.8	16.4			13.9	14.7		
32.0	18.8	19.0			17.0	17.0			14.9	15.9			13.1	14.0		
34.0	18.2	18.4			16.2	16.2			14.1	15.0			12.4	13.2		
36.0	17.7	17.8			15.4	15.4			13.4	14.2			11.7	12.4		
38.0	17.2	17.3	16.9/ 39.3		14.7	14.7			12.8	13.5			11.1	11.8		
40.0	16.8	16.8	16.6		14.1	14.1	16.2/ 40.8		12.2	12.8			10.6	11.2		
42.0	16.2	16.4	15.7		13.5	13.5	15.8		11.7	12.3	14.6/ 42.3		10.1	10.6	12.2/ 43.8	
44.0	14.9	16.1	14.9		13.0	13.0	14.9		11.2	11.7	14.0		9.6	10.1	12.2	
46.0	13.8	15.3	13.9		12.6	12.6	14.0		10.8	11.2	13.3		9.2	9.7	11.6	
48.0	12.7	14.1	12.9		12.2	12.2	13.1		10.4	10.8	12.6		8.9	9.3	11.0	
50.0	11.6	13.0	12.2		11.8	11.8	12.3		10.1	10.4	12.0		8.5	8.9	10.4	
52.0	10.5	11.9	11.6	9.1/ 53.7	11.0	11.0	11.6		9.8	10.1	11.2		8.3	8.6	10.0	
54.0	9.6/ 53.6	10.9	11.0	9.0	10.1	10.1	11.0	8.6/ 55.5	9.5	9.8	10.8		8.0	8.3	9.5	
56.0		10.0/ 55.8	10.4	8.4	9.1	9.1	10.4	8.6	9.4	9.6	10.3	7.9/ 57.5	7.8	8.0	9.1	
58.0			9.9	8.0	8.8/ 56.5	8.8	9.9	8.1	8.6	9.4	9.7	7.8	7.7	7.8	8.6	7.3/ 59.5
60.0			9.4	7.6		8.7/ 58.7	9.4	7.7	8.0/ 59.5	9.0	9.2	7.5	7.6	7.7	8.1	7.2
62.0			9.0	7.2			8.9	7.2		8.6/ 61.7	8.8	7.1	7.3	7.6	7.8	6.8
64.0			8.7/ 63.1	6.8			8.5	6.9			8.3	6.7	7.2/ 62.4	7.5	7.6	6.5
66.0				6.5			8.1	6.5			7.9	6.3		7.4/ 64.6	7.4	6.2
68.0				6.2				6.2			7.6	6.0			7.3	5.8
70.0				5.9				5.9			7.4/ 69.0	5.7			7.2	5.5
72.0				5.8/ 70.1				5.6				5.4			7.1/ 71.9	5.2
74.0								5.5/ 73.0				5.2				5.0
76.0												4.8/ 75.9				4.7
78.0																4.5
80.0																4.4/ 78.9

SCX2500, luffing jib ratings 360 deg**Summary chart acc. EN1300 & DIN15018/3**

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

Jib length (m)	tower 45.70m																			
	21.35				24.40				27.45				30.50				33.50			
Tower angle (°)	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65
Reeved lines	5	4	3	2	4	4	3	2	4	4	2	2	4	3	2	2	3	3	2	1
Wind(m/sec)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
10.0	54.4/ 10.2																			
11.0	52.6				49.6/ 11.1															
12.0	50.3				47.8				45.6				41.5/ 12.9							
13.0	48.3	49.6/ 13.6			45.8				43.7				41.4				38.0/ 13.8			
14.0	46.4	48.9			44.0	45.1/ 14.7			42.0				39.9				37.8			
15.0	44.7	47.0			42.4	44.6			40.5	41.7/ 15.7			38.4				36.5			
16.0	43.1	45.2			40.9	42.9			39.1	41.0			37.1	37.5/ 16.8			35.3	34.7/ 17.8		
18.0	40.4	42.1			38.3	39.9			36.6	36.2			34.7	36.2			33.1	34.5		
20.0	34.0	39.5			36.1	37.4			34.4	35.8			32.7	34.0			31.2	32.4		
22.0	28.5	35.7			34.2	35.3			32.6	33.7			30.9	32.0			29.6	30.6		
24.0	24.8	30.1	31.3/ 24.8		29.8	33.5			31.3	32.0			29.4	30.3			28.2	29.0		
26.0	24.1/ 24.2	26.5	29.8		27.0	31.3	28.9/ 26.3		29.8	30.4	26.8/ 27.9		28.1	28.8			26.9	27.6		
28.0		24.7/ 26.6	27.6		23.8/ 27.2	26.7	27.1		26.9	29.2	26.8		27.0	27.6	24.8/ 29.4		25.9	26.4		
30.0			25.6			24.4/ 29.6	25.2		24.2	28.1	25.0		26.1	26.5	24.4		25.0	25.4	23.6/ 30.9	
32.0			23.7				23.5		23.9/ 30.1	25.7	23.4		23.5	25.6	22.8		24.2	24.5	22.8	
34.0			22.0	17.7/ 35.3			21.7			24.5/ 32.5	21.6		22.0/ 33.1	24.6	21.4		21.9	23.7	21.3	
36.0			21.6/ 34.4	17.3			20.3	16.2/ 37.2			20.1			23.9/ 35.4	20.0		19.1	22.7	20.0	
38.0				16.1			19.2/ 37.4	15.8			18.8	15.1/ 39.2			18.5			20.0	18.6	
40.0				15.0				14.8			17.6	14.7			17.3	13.7/ 41.2		19.4/ 38.4	17.4	
42.0				14.0/ 41.9				13.9			17.4/ 40.3	13.9			16.3	13.4			16.3	13.0/ 43.1
44.0								13.1				13.0			15.6/ 43.3	12.7			15.4	12.7
46.0								12.8/ 44.8				12.3				11.9			14.5	12.1
48.0												11.5/ 47.8				11.3			14.4/ 46.2	11.4
50.0																10.7				10.7
52.0																10.4/ 50.7				10.2
54.0																				9.6/ 53.7

SCX2500, luffing jib ratings 360 deg**Summary chart acc. EN1300 & DIN15018/3**

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

Jib length (m)	tower 45.70m																			
	36.55				39.60				42.65				45.70				48.75			
Tower angle (°)	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65
Reeved lines	3	3	2	1	3	3	2	1	3	2	2	1	2	2	2	1	2	2	2	1
Wind(m/sec)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
14.0	35.0/ 14.6																			
15.0	34.6				31.9/ 15.5															
16.0	33.4				31.5				28.9/ 16.4				26.4/ 17.3							
18.0	31.4	31.7/ 18.8			29.6	29.0/ 19.9			27.8				26.0				23.9/ 18.2			
20.0	29.6	30.7			27.9	29.0			26.4	26.6/ 20.9			24.6				23.0			
22.0	28.1	29.0			26.5	27.4			25.1	25.9			23.4	24.2			21.9	22.0/ 23.0		
24.0	26.7	27.5			25.2	25.9			23.9	24.6			22.4	23.0			20.9	21.5		
26.0	25.5	26.2			24.1	24.7			22.9	23.4			21.4	21.9			20.0	20.5		
28.0	24.5	25.0			23.1	23.6			22.0	22.4			20.6	21.0			19.2	19.6		
30.0	23.6	24.0			22.3	22.6			21.2	21.5			19.8	20.2			18.5	18.8		
32.0	22.8	23.1	21.9/ 32.4		21.5	21.8			20.5	20.8			19.2	19.4			17.9	18.2		
34.0	22.1	22.4	20.8		20.8	21.0	20.3		19.9	20.1	19.5/ 35.5		18.6	18.8			17.4	17.5		
36.0	20.0	21.7	19.5		20.2	20.4	19.1		19.3	19.4	19.2		18.1	18.2	18.1/ 37.0		16.9	17.0		
38.0	17.8	20.7	18.4		18.3	19.8	18.0		18.9	18.9	18.0		17.6	17.7	17.6		16.2	16.5	17.0/ 38.5	
40.0	16.8/ 38.9	18.6	17.2		16.5	19.0	17.0		17.2	18.5	17.1		17.2	17.2	16.6		15.4	16.1	16.3	
42.0		17.2/ 41.3	16.0		14.7/ 41.9	17.1	15.9		15.6	17.8	16.0		15.9	16.8	15.7		14.7	15.5	15.4	
44.0			15.0	11.9/ 45.1		15.2	14.8		14.0	16.2	15.0		14.5	16.4	14.8		14.1	14.8	14.6	
46.0			14.2	11.6		14.9/ 44.3	13.9	11.0/ 47.0	13.3/ 44.8	14.6	14.1		13.1	15.0	13.9		13.5	14.2	13.8	
48.0			13.4	11.0			13.1	10.7		13.6/ 47.2	13.3	10.5/ 49.0	11.8/ 47.8	13.6	13.0		12.3	13.7	12.9	
50.0			12.6/ 49.2	10.3			12.4	10.0			12.5	10.2		12.2	12.3	9.5/ 51.0	11.0	12.8	12.0	
52.0				9.8			11.8	9.5			11.9	9.6		12.0/ 50.2	11.6	9.3	10.5/ 50.7	11.5	11.3	8.9/ 52.9
54.0				9.2			11.7/ 52.1	8.9			11.3	9.1			11.0	8.8		10.7/ 53.1	10.8	8.6
56.0				8.9				8.5			10.9/ 55.1	8.6			10.5	8.3			10.3	8.1
58.0				8.7/ 56.6				8.0				8.1			10.0	7.9			9.8	7.7
60.0								7.9/ 59.6				7.7				7.4			9.3	7.3
62.0												7.4				7.1			9.0/ 60.9	6.9
64.0												7.4/ 62.5				6.7				6.5
66.0																6.5/ 65.5				6.2
68.0																				5.9
70.0																				5.8/ 68.4

SCX2500, luffing jib ratings 360 deg**Summary chart acc. EN1300 & DIN15018/3**

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

	tower 45.70m															
Jib length (m)	51.80				54.85				57.90				60.95			
Tower angle (°)	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65
Reeved lines	2	2	2	1	2	2	2	1	2	2	2	1	2	2	1	1
Wind(m/sec) Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
18.0	23.1/19.1															
20.0	22.7				19.9				17.6/20.9				15.4/21.8			
22.0	21.6				19.6				17.5				15.4			
24.0	20.7	21.1/24.1			19.1	19.2/25.1			17.2				15.3			
26.0	19.8	20.3			18.5	18.9			16.8	16.9/26.1			15.0			
28.0	19.0	19.4			17.8	18.1			16.5	16.6			14.7	15.0/27.2		
30.0	18.3	18.6			17.2	17.5			15.8	16.2			13.9	14.5		
32.0	17.7	17.9			16.7	16.9			14.9	15.8			13.1	14.1		
34.0	17.1	17.3			16.2	16.3			14.2	15.1			12.4	13.3		
36.0	16.6	16.8			15.4	15.8			13.4	14.3			11.7	12.5		
38.0	16.2	16.2			14.7	15.3			12.8	13.6			11.1	11.8		
40.0	15.8	15.8	15.8/40.1		14.1	14.9	15.1/41.6		12.2	12.9			10.6	11.2		
42.0	15.4	15.4	15.1		13.5	14.2	15.0		11.7	12.3	13.7/43.1		10.1	10.7		
44.0	15.0	15.0	14.3		13.0	13.6	14.3		11.2	11.8	13.6		9.6	10.2	12.3/44.6	
46.0	13.8	14.7	13.5		12.6	13.1	13.6		10.8	11.3	13.2		9.2	9.7	11.8	
48.0	12.7	14.3	12.7		12.2	12.6	12.7		10.4	10.8	12.6		8.9	9.3	11.2	
50.0	11.6	13.1	11.9		11.8	12.2	12.0		10.1	10.5	11.9		8.5	8.9	10.6	
52.0	10.6	12.1	11.2		11.1	11.9	11.2		9.8	10.1	11.1		8.3	8.6	10.1	
54.0	9.7/53.7	11.0	10.5	8.1/54.9	10.2	11.5	10.7		9.5	9.8	10.5		8.0	8.3	9.7	
56.0		9.9	10.0	7.9	9.2	10.6	10.1	7.7/56.8	9.4	9.6	9.9		7.8	8.1	9.2	
58.0		9.8/56.1	9.6	7.5	8.9/56.6	9.6	9.6	7.5	8.7	9.4	9.4	7.1/58.8	7.7	7.8	8.8	
60.0			9.1	7.1		9.1/59.0	9.1	7.1	8.1/59.6	9.1	8.9	6.9	7.6	7.7	8.4	6.5/60.7
62.0			8.7	6.7			8.6	6.8		8.2/61.9	8.5	6.5	7.4	7.6	8.0	6.3
64.0			8.3/63.9	6.3			8.2	6.4			8.1	6.1	7.3/62.5	7.5	7.7	6.0
66.0				6.0			7.8	6.1			7.7	5.9		7.4/64.9	7.4	5.6
68.0				5.7			7.6/66.8	5.8			7.3	5.6			7.1	5.3
70.0				5.4				5.5			6.9/69.8	5.3			6.8	5.1
72.0				5.2/71.3				5.2				5.0			6.5	4.8
74.0								5.0				4.8			6.4/72.7	4.6
76.0								4.9/74.3				4.5				4.3
78.0												4.3/77.2				4.1
80.0																3.9
82.0																3.8/80.2

SCX2500, luffing jib ratings 360 deg**Summary chart acc. EN1300 & DIN15018/3**

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

Jib length (m)	tower 48.75m																			
	21.35				24.40				27.45				30.50				33.50			
Tower angle (°)	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65
Reeved lines	4	4	3	2	4	4	2	2	4	3	2	2	3	3	2	1	3	3	2	1
Wind(m/sec)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
10.0	49.9/ 10.3																			
11.0	48.5				45.5/ 11.2															
12.0	46.4				44.1				41.9/ 12.1											
13.0	44.5	45.3/ 13.9			42.3				40.5				38.5				35.4/ 13.9			
14.0	42.7	45.2			40.6	41.4/ 14.9			38.9				37.0				35.3			
15.0	41.2	43.4			39.1	41.3			37.5				35.7				34.1			
16.0	39.7	41.7			37.7	39.7			36.2	38.1			34.4	34.8/ 17.0			32.9			
18.0	37.2	38.8			35.3	36.9			33.8	35.4			32.2	33.7			30.9	31.8/ 18.1		
20.0	34.3	36.4			33.2	34.5			31.9	33.1			30.3	31.5			29.1	30.2		
22.0	28.8	34.4			31.5	32.5			30.2	31.2			28.7	29.7			27.5	28.5		
24.0	25.1	30.8	29.2/ 25.6		30.1	30.9			28.7	29.6			27.2	28.1			26.2	27.0		
26.0	24.1/ 24.3	25.5	28.7		25.5	29.5	27.0/ 27.1		27.5	28.1			26.0	26.7			25.0	25.7		
28.0		24.5/ 26.9	26.6		23.8/ 27.3	27.3	26.0		26.5	27.0	25.3/ 28.6		25.0	25.5			24.0	24.5		
30.0			24.8			24.6/ 29.8	24.2		24.5	26.0	24.9		24.2	24.5	23.3/ 30.2		23.2	23.5	22.0/ 31.7	
32.0			23.2				22.7		24.0/ 30.2	25.3	23.3		23.6	23.7	21.9		22.4	22.7	21.9	
34.0			21.4				21.2			24.7/ 32.8	21.8		23.2/ 33.2	23.0	20.6		21.9	22.0	20.6	
36.0			20.6/ 35.2	16.0/ 36.6			19.7				20.2			22.4/ 35.7	19.4		19.1	21.4	19.3	
38.0				15.4			18.4	14.7/ 38.5			19.0				18.2		19.0/ 36.1	20.3	18.1	
40.0				14.4			18.3/ 38.2	14.1			17.7	13.8/ 40.5			16.9			19.9/ 38.7	16.9	
42.0				13.5				13.2				17.1/ 41.1	13.1		15.8	12.5/ 42.4			15.9	
44.0				13.0/ 43.2				12.4					12.3		14.9	12.0			15.0	11.8/ 44.4
46.0								11.7					11.7		14.8/ 44.1	11.2			14.1	11.4
48.0								11.6/ 46.1				11.0				10.6			13.6/ 47.0	10.7
50.0												10.6/ 49.1				10.1				10.1
52.0																9.6				9.6
54.0																				9.2
56.0																				8.9/ 55.0

SCX2500, luffing jib ratings 360 deg**Summary chart acc. EN1300 & DIN15018/3**

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

Jib length (m)	36.55				39.60				42.65				45.70				48.75			
	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65
Tower angle (°)	3	3	2	1	3	2	2	1	3	2	2	1	2	2	2	1	2	2	2	1
Reeved lines	3	3	2	1	3	2	2	1	3	2	2	1	2	2	2	1	2	2	2	1
Wind(m/sec)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
14.0	32.6/ 14.8																			
15.0	32.4				29.9/ 15.6															
16.0	31.3				29.6				27.4/ 16.5				24.9/ 17.4							
18.0	29.3	29.4/ 19.1			27.7				26.3				24.6				22.7/ 18.3			
20.0	27.6	28.7			26.1	26.7/ 20.2			24.8	24.9/ 21.2			23.3				21.8			
22.0	26.2	27.1			24.8	25.6			23.6	24.4			22.1	22.6/ 22.2			20.7	20.6/ 23.3		
24.0	24.9	25.6			23.5	24.3			22.5	23.1			21.1	21.7			19.8	20.3		
26.0	23.8	24.4			22.5	23.1			21.5	22.0			20.2	20.7			18.9	19.4		
28.0	22.8	23.3			21.5	22.0			20.6	21.0			19.3	19.8			18.1	18.5		
30.0	21.9	22.3			20.7	21.1			19.8	20.2			18.6	18.9			17.5	17.8		
32.0	21.2	21.5	20.6/ 33.2		20.0	20.3			19.2	19.4			18.0	18.2			16.9	17.1		
34.0	20.6	20.7	20.1		19.4	19.6	19.1/ 34.7		18.6	18.7			17.4	17.6			16.3	16.5		
36.0	20.0	20.1	18.8		18.8	18.9	18.4		18.0	18.1	18.2/ 36.3		16.9	17.0	17.0/ 37.8		15.8	15.9		
38.0	17.8	19.6	17.8		18.3	18.4	17.3		17.6	17.6	17.4		16.5	16.5	16.9		15.4	15.5	16.0/ 39.3	
40.0	16.5/ 39.1	18.8	16.8		16.5	18.0	16.3		17.2	17.2	16.4		16.1	16.1	16.0		15.1	15.0	15.6	
42.0		18.1/ 41.6	15.7		14.5	17.3	15.4		15.6	16.8	15.5		15.8	15.7	15.1		14.7	14.7	14.8	
44.0			14.7			15.4	14.5		14.0	16.3	14.5		14.5	15.4	14.3		14.1	14.4	14.0	
46.0			13.8	10.8/ 46.4		14.9/ 44.5	13.5		13.3/ 44.9	14.8	13.7		13.1	15.1	13.6		13.5	14.1	13.3	
48.0			13.1	10.4			12.8	10.0/ 48.3		13.6/ 47.5	12.9		11.7/ 47.9	13.7	12.8		12.3	13.7	12.6	
50.0			12.4	9.8			12.1	9.5			12.2	9.5/ 50.3		12.3	12.0		11.0	12.8	11.8	
52.0				9.2			11.5	8.9			11.5	9.1		12.0/ 50.4	11.2	8.8/ 52.2	10.4/ 50.8	11.6	11.1	
54.0				8.7			11.2/ 52.9	8.4			11.0	8.6			10.7	8.3		10.7/ 53.4	10.4	7.8/ 54.2
56.0				8.3				8.0			10.5/ 55.8	8.1			10.2	7.8			9.9	7.6
58.0				7.9/ 57.9				7.6				7.7			9.7	7.4			9.5	7.2
60.0								7.2				7.3			9.5/ 58.8	7.0			9.0	6.8
62.0							7.0/ 60.9					6.9				6.6			8.5/ 61.7	6.4
64.0												6.7/ 63.8				6.3				6.1
66.0																6.0				5.8
68.0																5.9/ 66.7				5.5
70.0																				5.3/ 69.7

SCX2500, luffing jib ratings 360 deg**Summary chart acc. EN1300 & DIN15018/3**

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

	tower 48.75m															
Jib length (m)	51.80				54.85				57.90				60.95			
Tower angle (°)	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65
Reeved lines	2	2	2	1	2	2	2	1	2	2	1	1	2	2	1	1
Wind(m/sec) Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
18.0	21.9/19.2															
20.0	21.5				19.8/20.1				17.0/21.0				15.0/21.9			
22.0	20.4				19.1				17.0				15.0			
24.0	19.5	19.7/24.3			18.3	18.1/25.4			16.9				14.9			
26.0	18.7	19.1			17.5	17.9			16.4	16.5/26.4			14.9	14.5/27.5		
28.0	17.9	18.3			16.9	17.2			15.8	16.1			14.5	14.5		
30.0	17.2	17.5			16.3	16.5			15.3	15.5			13.9	14.4		
32.0	16.6	16.8			15.7	15.9			14.7	14.9			13.1	13.9		
34.0	16.0	16.2			15.2	14.9			14.2	14.4			12.4	13.3		
36.0	15.5	15.7			14.8	14.4			13.4	13.9			11.7	12.6		
38.0	15.1	15.2			14.4	14.0			12.8	13.5			11.1	11.9		
40.0	14.7	14.7	15.0/40.8		14.0	13.4			12.2	13.0			10.6	11.3		
42.0	14.3	14.3	14.4		13.5	13.3	13.9/42.4		11.7	12.4	12.8/43.9		10.1	10.7		
44.0	14.0	14.0	13.7		13.0	13.0	13.6		11.2	11.8	12.8		9.6	10.2	11.7/45.4	
46.0	13.8	13.7	13.0		12.6	12.7	13.1		10.8	11.3	12.4		9.2	9.7	11.6	
48.0	12.7	13.4	12.3		12.2	12.3	12.4		10.4	10.9	12.0		8.8	9.3	11.2	
50.0	11.6	13.2	10.9		11.8	11.9	11.7		10.0	10.5	11.5		8.5	8.9	10.8	
52.0	10.6	12.1	10.6		11.1	11.6	11.0		9.8	10.1	10.8		8.2	8.6	10.3	
54.0	9.7/53.8	11.1	10.2		10.2	10.7	10.3		9.5	9.8	10.2		8.0	8.3	9.8	
56.0		10.0	9.7	7.2/56.2	9.2	9.7	9.8		9.3	9.6	9.6		7.8	8.1	9.4	
58.0		9.8/56.9	9.2	7.0	8.8/56.7	8.7	9.3	6.8/58.1	8.7	9.4	9.1		7.6	7.8	9.0	
60.0			8.7	6.6		8.0/59.3	8.8	6.6	8.1/59.7	9.1	8.7	6.5/60.1	7.5	7.7	8.7	
62.0			8.4	6.2			8.4	6.3		8.2	8.2	6.2	7.4	7.6	8.0	6.1
64.0			8.0	5.9			8.0	5.9		8.1/62.2	7.8	5.7	7.3/62.6	7.5	7.6	5.6
66.0			7.9/64.7	5.6			7.6	5.6			7.4	5.4		7.4/65.2	7.2	5.3
68.0				5.3			7.2/67.6	5.4			7.1	5.1			6.9	4.9
70.0				5.0				5.1			6.8	4.8			6.6	4.6
72.0				4.8				4.8			6.6/70.6	4.6			6.3	4.4
74.0				4.7/72.6				4.6				4.4			6.0/73.5	4.1
76.0								4.4/75.2				4.2				3.9
78.0												4.0				3.8
80.0												3.9/78.5				3.6
82.0																3.4/81.5

SCX2500, luffing jib ratings 360 deg**Summary chart acc. EN1300 & DIN15018/3**

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

Jib length (m)	tower 51.80m																			
	21.35				24.40				27.45				30.50				33.50			
Tower angle (°)	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65
Reeved lines	4	4	2	2	4	3	2	2	3	3	2	1	3	3	2	1	3	3	2	1
Wind(m/sec)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
10.0	45.5/ 10.4																			
11.0	44.4				41.6/ 11.3															
12.0	42.5				40.5				38.5/ 12.2											
13.0	40.7				38.8				37.3				35.3/ 13.1							
14.0	39.1	40.9/ 14.2			37.2				35.8				34.2				32.8			
15.0	37.6	39.7			35.8	37.4/ 15.2			34.5				32.9				31.6			
16.0	36.3	38.2			34.6	36.4			33.3	34.4/ 16.3			31.7	31.8/ 17.3			30.5			
18.0	34.0	35.5			32.3	33.8			31.1	32.6			29.6	31.1			28.5	29.4/ 18.3		
20.0	32.1	33.3			30.4	31.6			29.2	30.4			27.9	29.0			26.9	28.0		
22.0	29.1	31.4			28.8	29.8			27.7	28.6			26.3	27.3			25.4	26.3		
24.0	25.4	29.8			27.5	28.2			26.3	27.1			25.0	25.8			24.2	24.9		
26.0	24.2/ 24.4	26.2	26.9/ 26.4		25.8	26.9	25.0/ 27.9		25.2	25.8			23.9	24.5			23.1	23.7		
28.0		24.8/ 27.1	25.5		23.9/ 27.4	25.9	24.9		24.3	24.7	23.5/ 29.4		22.9	23.4			22.1	22.6		
30.0			23.7			24.8	23.2		23.7	23.8	23.0		22.1	22.4	21.7/ 31.0		21.3	21.7		
32.0			22.2			24.5/ 30.1	21.7		23.6/ 30.3	23.1	21.5		21.6	21.6	21.0		20.6	20.8	20.4/ 32.5	
34.0			20.9				20.3			22.7/ 33.0	20.2		21.2/ 33.3	21.0	19.6		20.1	20.2	19.6	
36.0			19.4	14.4/ 37.9			19.2				19.0			20.4	18.5		19.2	19.6	18.5	
38.0				14.4			17.8	13.7/ 39.8			17.7				17.4		19.0/ 36.2	19.3	17.4	
40.0				13.4			17.3/ 39.0	13.3			16.7	12.3/ 41.8			16.5			19.1/ 38.9	16.5	
42.0				12.7							15.8/ 41.9	12.3			15.5	11.8/ 43.7			15.4	
44.0				11.9				11.6				11.6			14.4	11.3			14.5	10.8/ 45.7
46.0				11.7/ 44.5				10.9				10.8			13.9/ 44.9	10.5			13.7	10.7
48.0								10.4/ 47.4				10.2				9.9			12.9/ 47.8	10.0
50.0												9.8				9.3				9.5
52.0												9.7/ 50.4				8.8				8.9
54.0																8.6/ 53.3				8.4
56.0																				8.1
58.0																				8.0/ 56.3

SCX2500, luffing jib ratings 360 deg**Summary chart acc. EN1300 & DIN15018/3**

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

Jib length (m)	36.55				39.60				42.65				45.70				48.75			
	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65
Tower angle (°)	3	3	2	1	3	2	2	1	2	2	2	1	2	2	2	1	2	2	2	1
Reeved lines	3	3	2	1	3	2	2	1	2	2	2	1	2	2	2	1	2	2	2	1
Wind(m/sec)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
14.0	30.2/ 14.9																			
15.0	30.1				27.6/ 15.8															
16.0	29.0				27.5				25.5/ 16.6				23.4/ 17.5							
18.0	27.2	27.1/ 19.4			25.8				24.6				23.1				21.3/ 18.4			
20.0	25.6	26.7			24.3	24.6/ 20.4			23.2	23.1/ 21.5			21.8				20.5			
22.0	24.2	25.1			23.0	23.8			22.0	22.8			20.7	21.4/ 22.5			19.5	19.3/ 23.5		
24.0	23.0	23.7			21.8	22.8			20.9	21.6			19.7	20.3			18.5	19.1		
26.0	21.9	22.5			20.8	21.3			20.0	20.5			18.8	19.3			17.7	18.2		
28.0	21.0	21.5			19.9	20.3			19.1	19.6			18.0	18.4			17.0	17.3		
30.0	20.2	20.5			19.1	19.5			18.4	18.7			17.3	17.6			16.3	16.4		
32.0	19.5	19.7			18.4	18.7			17.7	18.0			16.7	16.9			15.7	15.9		
34.0	18.9	19.1	19.2		17.8	18.0	17.8/ 35.5		17.2	17.3			16.1	16.3			15.2	15.3		
36.0	18.4	18.5	18.0		17.3	17.4	17.5		16.7	16.8	17.0/ 37.1		15.7	15.8			14.7	14.8		
38.0	17.8	18.0	17.0		16.9	16.9	16.5		16.2	16.3	16.6		15.2	15.3	15.9/ 38.6		14.3	14.3		
40.0	17.4/ 39.2	17.4	16.0		16.5	16.5	15.6		15.9	15.8	15.7		14.9	14.8	15.3		13.9	13.9	14.6/ 40.1	
42.0		16.8/ 41.9	15.2		14.5	16.2	14.7		15.6	15.5	14.9		14.6	14.5	14.4		13.6	13.6	14.0	
44.0			14.4		14.4/ 42.1	15.6	14.0		14.0	15.2	14.1		14.3	14.2	13.7		13.4	13.3	13.3	
46.0			13.5	10.1/ 47.6		15.3/ 44.8	13.3		13.2/ 45.0	14.9	13.4		13.1	13.9	13.0		13.2	13.0	12.6	
48.0			12.6	9.8			12.4	9.3/ 49.6		14.6/ 47.8	12.4		11.6	13.8	12.3		12.3	12.8	12.0	
50.0			12.0	9.1			11.6	9.1			11.8	9.0/ 51.6		12.4	11.7		11.0	12.7	11.4	
52.0			11.7/ 50.7	8.6			11.0	8.4			11.2	8.5		11.9/ 50.7	11.0	8.2/ 53.5	11.0/ 50.9	11.7	10.9	
54.0				8.1			10.5/ 53.7	7.8			10.6	8.0			10.3	7.8		10.9/ 53.6	10.2	7.4/ 55.5
56.0				7.7				7.4			10.1	7.6			9.7	7.3			9.6	7.2
58.0				7.3				7.0			9.9/ 56.6	7.1			9.3	6.8			9.0	6.8
60.0				7.0/ 59.2				6.6				6.8			8.9/ 59.6	6.5			8.6	6.3
62.0								6.3				6.4				6.1			8.2	5.9
64.0								6.2/ 62.1				6.1				5.8			8.2/ 62.5	5.6
66.0												5.8/ 65.1				5.5				5.3
68.0																5.2				5.0
70.0																				4.8
72.0																				4.7/ 71.0

SCX2500, luffing jib ratings 360 deg**Summary chart acc. EN1300 & DIN15018/3**

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

	tower 51.80m															
Jib length (m)	51.80				54.85				57.90				60.95			
Tower angle (°)	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65
Reeved lines	2	2	2	1	2	2	1	1	2	2	1	1	2	2	1	1
Wind(m/sec) Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
18.0	20.5/ 19.3															
20.0	20.2				17.8/ 20.2				16.7/ 21.1							
22.0	19.1				17.2				16.6				14.7			
24.0	18.2	18.5/ 24.6			16.5	17.0/ 25.6			16.2				14.6			
26.0	17.4	17.9			15.8	16.9			15.5	15.6/ 26.7			14.5	14.3/ 27.7		
28.0	16.7	17.0			15.2	16.1			14.9	15.2			13.9	14.2		
30.0	16.0	16.3			14.7	15.5			14.3	14.5			13.4	13.6		
32.0	15.4	15.6			14.2	14.9			13.8	14.0			12.9	13.1		
34.0	14.9	15.0			13.8	14.3			13.4	13.5			12.4	12.6		
36.0	14.4	14.5			13.4	13.9			13.0	13.0			11.7	12.2		
38.0	14.0	14.0			13.0	13.4			12.6	12.6			11.1	11.8		
40.0	13.6	13.6	13.9/ 41.6		12.7	13.0			12.2	12.2			10.6	11.3		
42.0	13.2	13.2	13.7		12.4	12.7	12.9/ 43.2		11.7	11.9			10.1	10.8		
44.0	12.9	12.9	13.0		12.2	12.3	12.7		11.2	11.6	11.7/ 44.7		9.6	10.2		
46.0	12.7	12.6	12.3		12.0	12.1	12.2		10.8	11.3	11.5		9.2	9.8	10.7/ 46.2	
48.0	12.5	12.3	11.7		11.9	11.8	11.8		10.4	10.9	11.1		8.8	9.3	10.4	
50.0	11.6	12.1	11.1		11.8	11.6	11.3		10.0	10.5	10.8		8.5	9.0	10.1	
52.0	10.5	12.0	10.6		11.1	11.4	10.7		9.7	10.2	10.4		8.2	8.6	9.8	
54.0	9.4/ 53.9	11.2	10.1		10.2	11.3	10.2		9.5	9.8	9.9		8.0	8.3	9.5	
56.0		10.1	9.5	6.9/ 57.4	9.2	10.7	9.5		9.3	9.6	9.5		7.8	8.1	9.2	
58.0		9.7/ 56.6	8.9	6.7	8.8/ 56.8	9.8	8.9	6.6/ 59.4	8.7	9.4	9.0		7.6	7.9	8.8	
60.0			8.4	6.2		9.1/ 59.5	8.4	6.4	8.1/ 59.8	9.2	8.6	6.0/ 61.4	7.5	7.7	8.3	
62.0			8.0	5.8			8.1	5.8		8.3	7.9	5.7	7.3	7.6	7.8	5.4/ 63.3
64.0			7.6	5.5			7.7	5.3		8.0/ 62.5	7.5	5.2	7.2/ 62.7	7.5	7.4	5.1
66.0			7.3/ 65.5	5.1			7.3	5.0			7.1	4.9		7.4/ 65.4	7.0	4.7
68.0				4.8			7.0	4.7			6.8	4.7			6.6	4.5
70.0				4.5			6.9/ 68.4	4.4			6.4	4.4			6.3	4.3
72.0				4.3				4.2			6.1/ 71.4	4.1			6.0	4.0
74.0				4.2/ 73.9				4.0				3.9			5.7	3.7
76.0								3.8/ 76.9				3.6			5.6/ 74.3	3.5
78.0												3.4				3.3
80.0												3.3/ 79.8				3.1
82.0																2.9
84.0																2.9/ 82.7

SCX2500, luffing jib ratings 360 deg**Summary chart acc. EN1300 & DIN15018/3**

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

Jib length (m)	tower 54.85m																			
	24.40				27.45				30.50				33.50				36.55			
Tower angle (°)	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65
Reeved lines	3	3	2	1	3	3	2	1	3	3	2	1	3	2	2	1	3	2	2	1
Wind(m/sec)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
Radius(m)	11.0	38.1/ 11.4																		
12.0	37.2				35.2/ 12.3															
13.0	35.6				34.3				32.4/ 13.2											
14.0	34.1				32.9				31.5				30.1/ 14.1							
15.0	32.8	34.0/ 15.5			31.7				30.3				29.2				27.9			
16.0	31.6	33.4			31.5	31.5/ 16.5			29.2	28.9/ 17.6			28.2				26.9			
18.0	29.6	31.0			28.5	30.0			27.2	28.6			26.4	27.0/ 18.6			25.2	25.0/ 19.6		
20.0	27.8	29.0			26.8	28.0			25.6	26.7			24.8	25.9			23.6	24.7		
22.0	26.3	27.2			25.4	26.3			24.2	25.1			23.4	24.3			22.3	23.2		
24.0	25.1	25.8			24.1	24.8			22.9	23.7			22.2	22.9			21.3	21.9		
26.0	24.1	24.5			23.1	23.6			21.9	22.4			21.2	21.8			20.2	20.7		
28.0	23.3/ 27.5	23.4	23.1/ 28.7		22.2	22.6			21.0	21.4			20.3	20.8			19.3	19.8		
30.0		22.9	22.2		21.6	21.7	22.1/ 30.2		20.2	20.5	20.3/ 31.7		19.6	19.9			18.5	18.9		
32.0		22.8/ 30.4	20.8		21.4/ 30.4	21.1	20.7		19.7	19.8	20.2		18.9	19.1	19.4/ 33.3		17.9	18.1		
34.0			19.5			20.7/ 33.3	19.4		19.3/ 33.4	19.2	18.9		18.4	18.5	19.0		17.3	17.5	17.9/ 34.8	
36.0			18.4				18.3			18.9	17.8		18.1	18.0	17.8		16.9	16.9	17.3	
38.0			17.4				17.3			18.8/ 36.2	16.8		18.0/ 36.3	17.6	16.8		16.6	16.4	16.3	
40.0			16.5/ 39.8	12.3/ 41.1			16.3				15.9			17.3/ 39.2	15.9		16.4/ 39.3	16.1	15.4	
42.0				12.1			15.3	11.4/ 43.1			15.1			15.1				16.0	14.6	
44.0				10.9			15.0/ 42.7	10.9			14.4	10.6/ 45.0		14.3				15.9/ 42.1	13.9	
46.0				10.4				10.3			13.8/ 45.6	10.0		13.4	9.8/ 47.0				13.2	
48.0				9.8				9.8				9.4		12.6	9.4				12.4	9.2/ 48.9
50.0				9.6/ 48.7				9.2			8.8			12.3/ 48.6	8.9				11.6	8.9
52.0							8.8/ 51.7				8.3				8.4				11.1/ 51.5	8.3
54.0											7.9				8.0					7.7
56.0											7.8/ 54.6				7.6					7.2
58.0															7.4/ 57.5					6.8
60.0																				6.5
62.0																				6.5/ 60.5

SCX2500, luffing jib ratings 360 deg**Summary chart acc. EN1300 & DIN15018/3**

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

Jib length (m)	39.60				42.65				45.70				48.75				51.80			
	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65
Tower angle (°)	2	2	2	1	2	2	2	1	2	2	2	1	2	2	1	1	2	2	1	1
Reeved lines	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
Wind(m/sec)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
15.0	25.7/ 15.9																			
16.0	25.6				23.6/ 16.8				21.8/ 17.6											
18.0	23.9				22.9				21.6				20.1/ 18.5				19.2/ 19.4			
20.0	22.5	22.7/ 20.7			21.6	21.3/ 21.7			20.4				19.3				18.9			
22.0	21.2	22.0			20.5	21.2			19.3	19.4/ 22.8			18.2	17.9/ 23.8			17.9			
24.0	20.1	20.8			19.4	20.1			18.4	18.9			17.3	17.9			17.0	17.0/ 24.9		
26.0	19.2	19.7			18.5	19.0			17.5	18.0			16.5	17.0			16.2	16.6		
28.0	18.3	18.7			17.7	18.1			16.7	17.1			15.8	16.2			15.5	15.8		
30.0	17.6	17.9			17.0	17.3			16.1	16.4			15.2	15.4			14.9	15.1		
32.0	16.9	17.2			16.4	16.6			15.5	15.7			14.6	14.8			14.3	14.5		
34.0	16.3	16.5			15.8	16.0			14.9	15.1			14.1	14.2			13.8	13.9		
36.0	15.9	15.9	16.7/ 36.3		15.4	15.5	16.0/ 37.8		14.5	14.5			13.6	13.7			13.3	13.4		
38.0	15.5	15.5	15.8		15.0	15.0	15.9		14.0	14.1	14.4/ 39.4		13.2	13.3			12.9	12.9		
40.0	15.2	15.0	14.9		14.6	14.6	15.1		13.7	13.7	14.3		12.9	12.9	13.2/ 40.9		12.5	12.5		
42.0	14.6	14.7	14.1		14.4	14.2	14.3		13.4	13.3	13.8		12.6	12.5	13.0		12.2	12.1	12.6/ 42.4	
44.0	14.5/ 42.2	14.6	13.4		14.1	13.9	13.5		13.2	13.0	13.1		12.3	12.2	12.5		11.9	11.8	12.2	
46.0		14.5/ 45.1	12.7		13.9/ 45.2	13.8	12.9		13.0	12.8	12.4		12.1	11.9	12.0		11.6	11.5	11.7	
48.0			12.1			13.4	12.2		11.7	12.6	11.8		12.0	11.7	11.5		11.4	11.3	11.2	
50.0			11.5	8.3/ 50.9			11.5		11.6/ 48.1	12.4	11.3		11.1	11.6	10.9		11.3	11.0	10.7	
52.0			10.8	8.1			10.8	8.1/ 52.9		12.3/ 51.0	10.7		10.6/ 51.0	11.5	10.4		10.6	10.9	10.1	
54.0			10.2	7.3			10.2	7.3			10.1	7.0/ 54.8		11.4/ 53.9	10.0		9.4	10.8	9.7	
56.0			10.0/ 54.5	6.9			9.8	6.9			9.5	6.7			9.5	6.5/ 56.8		10.2	9.2	
58.0				6.5			9.4/ 57.4	6.5			9.0	6.4			9.0	6.3		9.9/ 56.9	8.8	5.9/ 58.7
60.0				6.2				6.2			8.6	6.2			8.5	5.9			8.4	5.6
62.0				5.9				5.8			8.5/ 60.4	5.8			7.9	5.6			7.9	5.3
64.0				5.6/ 63.4				5.5				5.4			7.7/ 63.3	5.2			7.4	4.9
66.0								5.3/ 66.4				5.1				4.9			7.0	4.7
68.0												4.8				4.6			6.8/ 66.3	4.4
70.0												4.6/ 69.3				4.4				4.2
72.0																4.2				3.9
74.0																4.1/ 72.3				3.7
76.0																				3.6/ 75.2

SCX2500, luffing jib ratings 360 deg**Summary chart acc. EN1300 & DIN15018/3**

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

Jib length (m)	tower 54.85m											
	54.85				57.90				60.95			
Tower angle (°)	88	85	75	65	88	85	75	65	88	85	75	65
Reeved lines	2	2	1	1	2	2	1	1	2	1	1	1
Wind(m/sec) Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11
20.0	17.5/20.3				16.1/21.2							
22.0	16.9				15.9				14.3/22.1			
24.0	16.1	15.8/25.9			15.2				14.2			
26.0	15.4	15.8			14.5	14.5/26.9			13.7			
28.0	14.8	15.1			14.0	14.2			13.1	13.4		
30.0	14.2	14.5			13.4	13.6			12.6	12.8		
32.0	13.7	13.9			12.9	13.1			12.1	12.3		
34.0	13.2	13.4			12.5	12.6			11.7	11.8		
36.0	12.8	12.9			12.1	12.1			11.3	11.4		
38.0	12.4	12.4			11.7	11.7			11.0	11.0		
40.0	12.1	12.1			11.4	11.4			10.6	10.6		
42.0	11.7	11.7	11.7/43.9		11.1	11.0			10.1	10.3		
44.0	11.5	11.4	11.7		10.8	10.7	10.7/45.5		9.6	10.0		
46.0	11.2	10.9	11.3		10.5	10.4	10.6		9.2	9.8	9.7/47.0	
48.0	11.0	10.7	10.9		10.3	10.2	10.3		8.8	9.4	9.6	
50.0	10.8	10.5	10.6		10.0	10.0	9.9		8.5	9.0	9.3	
52.0	10.7	10.3	10.3		9.7	9.8	9.6		8.2	8.6	9.0	
54.0	10.2	10.2	9.8		9.5	9.7	9.4		8.0	8.3	8.7	
56.0	9.2	9.9	9.3		9.3	9.5	9.1		7.8	8.1	8.5	
58.0	8.7/56.9	9.6/59.8	8.9		8.7	9.4	8.7		7.6	7.9	8.3	
60.0			8.4	5.5/60.7	8.1/59.9	9.2	8.3		7.5	7.7	8.0	
62.0			7.9	5.4		8.4	7.8	5.0/62.7	7.4	7.5	7.6	
64.0			7.4	5.1		8.1/62.7	7.3	4.9	7.3/62.8	7.4	7.2	4.6/64.6
66.0			7.1	4.9			6.9	4.7		7.3/65.7	6.8	4.4
68.0			6.8	4.7			6.5	4.4			6.4	4.1
70.0			6.3/69.2	4.4			6.2	4.2			6.1	3.9
72.0				4.1			6.0	3.9			5.8	3.7
74.0				3.8			5.8/72.1	3.7			5.5	3.4
76.0				3.6				3.5			5.4/75.1	3.3
78.0				3.4				3.2				3.0
80.0				3.3/78.1				3.0				2.9
82.0								2.9/81.1				2.6
84.0												2.4

SCX2500, luffing jib ratings 360 deg**Summary chart acc. EN1300 & DIN15018/3**

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

Jib length (m)	tower 57.90m																			
	27.45				30.50				33.50				36.55				39.60			
Tower angle (°)	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65
Reeved lines	3	3	2	1	3	2	2	1	3	2	2	1	2	2	2	1	2	2	2	1
Wind(m/sec)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
12.0	32.1/ 12.4																			
13.0	31.4				29.5/ 13.3															
14.0	30.1				28.8				27.5/ 14.2											
15.0	28.9				27.7				26.8				25.4/ 15.1							
16.0	27.9	28.3/ 16.8			26.7	26.3/ 17.8			25.9				24.7				23.6			
18.0	26.0	27.3			24.8	26.2			24.2	24.5/ 18.9			23.1	22.7/ 19.9			22.0			
20.0	24.4	25.5			23.3	24.4			22.7	23.7			21.7	22.7			20.6	20.8/ 21.0		
22.0	23.1	23.9			22.0	22.8			21.4	22.2			20.4	21.2			19.5	20.2		
24.0	21.9	22.6			20.8	21.5			20.3	21.0			19.4	20.0			18.4	19.0		
26.0	20.9	21.4			19.9	20.4			19.3	19.9			18.4	18.9			17.5	18.0		
28.0	20.1	20.5			19.0	19.4			18.5	18.9			17.6	18.0			16.7	17.1		
30.0	19.4	19.6	20.5/ 31.0		18.3	18.6			17.8	18.1			16.9	17.2			16.0	16.3		
32.0	19.2/ 30.5	19.0	19.8		17.8	17.9	19.0/ 32.5		17.2	17.4			16.3	16.5			15.4	15.6		
34.0		18.5/ 33.6	18.6		17.4/ 33.5	17.3	18.0		16.7	16.8	18.0/ 34.1		15.7	15.8	16.6/ 35.6		14.9	15.0		
36.0			17.5			17.0	16.9		16.5	16.3	17.1		15.3	15.3	16.4		14.4	14.4	15.1/ 37.1	
38.0			16.5			16.8/ 36.5	15.9		16.4/ 36.4	15.9	16.1		15.0	14.9	15.6		14.0	14.0	14.8	
40.0			15.6				15.1			15.6/ 39.5	15.2		14.7/ 39.4	14.6	14.7		13.8	13.6	14.1	
42.0			14.9				14.3				14.4			14.4	13.9		13.7	13.3	13.5	
44.0			14.3/ 43.5	10.4/ 44.3			13.6				13.7			14.3/ 42.4	13.2		13.6/ 42.3	13.1	12.8	
46.0				9.9			13.1	9.5/ 46.3			13.1				12.6			12.9/ 45.3	12.1	
48.0				9.5			13.0/ 46.4	9.0			12.5	8.8/ 48.3			12.0				11.5	
50.0				8.6				8.5			12.0/ 49.4	8.4			11.5	8.1/ 50.2			11.0	
52.0				8.1				7.9				7.8			11.1	7.8			10.5	7.1/ 52.2
54.0				7.8/ 52.9				7.4				7.2			11.0/ 52.3	7.2			10.1	7.0
56.0								7.0/ 55.9				6.8				6.8			9.8/ 55.3	6.7
58.0												6.4/ 58.8				6.4				6.3
60.0																6.0				5.9
62.0																5.6/ 61.8				5.5
64.0																				5.1
66.0																				5.0/ 64.7

SCX2500, luffing jib ratings 360 deg**Summary chart acc. EN1300 & DIN15018/3**

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

Jib length (m)	42.65				45.70				48.75				51.80				54.85			
	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65
Tower angle (°)	2	2	2	1	2	2	1	1	2	2	1	1	2	2	1	1	2	2	1	1
Reeved lines	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
Wind(m/sec)																				
Radius(m)																				
16.0	21.8/16.9				20.2/17.7															
18.0	21.2				20.1				18.6/18.6				17.7/19.5							
20.0	20.0				18.9				17.9				17.5				16.4/20.4			
22.0	18.9	19.6			17.9	17.9/23.0			16.9				16.6				15.8			
24.0	17.9	18.5			16.9	17.5			16.0	16.5/24.1			15.7	15.6/25.1			15.0			
26.0	17.0	17.5			16.1	16.6			15.3	15.7			14.9	15.3			14.3	14.5/26.2		
28.0	16.3	16.7			15.4	15.8			14.6	14.9			14.3	14.6			13.7	14.0		
30.0	15.6	15.9			14.7	15.0			14.0	14.2			13.6	13.9			13.2	13.4		
32.0	15.0	15.2			14.2	14.4			13.4	13.6			13.1	13.3			12.6	12.8		
34.0	14.5	14.6			13.7	13.8			12.9	13.0			12.6	12.7			12.2	12.3		
36.0	14.0	14.1			13.2	13.3			12.5	12.6			12.1	12.2			11.8	11.8		
38.0	13.6	13.6	14.3/38.6		12.8	12.8			12.1	12.1			11.7	11.8			11.4	11.4		
40.0	13.3	13.2	13.8		12.5	12.4	12.9/40.2		11.7	11.7	11.9/41.7		11.4	11.4			11.1	11.0		
42.0	13.1	12.9	13.3		12.2	12.1	12.5		11.5	11.4	11.8		11.0	11.0	11.2/43.2		10.7	10.7		
44.0	12.9	12.6	12.8		12.0	11.8	12.0		11.2	11.1	11.3		10.8	10.7	11.0		10.5	10.4	10.6/44.7	
46.0	12.7/45.3	12.5	12.3		11.8	11.6	11.5		11.0	10.8	10.9		10.5	10.4	10.6		10.2	10.1	10.3	
48.0		12.4	11.7		11.7	11.4	11.1		10.9	10.6	10.5		10.3	10.2	10.2		10.0	9.9	9.9	
50.0		12.3/48.3	11.1		11.6/48.2	11.3	10.7		10.8	10.5	10.2		10.2	10.0	9.8		9.9	9.7	9.6	
52.0			10.6			11.2/51.2	10.2		10.7/51.1	10.4	9.9		10.1	9.8	9.5		9.7	9.5	9.2	
54.0			10.2	7.2/54.1			9.7			10.3	9.4		9.5	9.7	9.1		9.7	9.4	9.0	
56.0			9.6	6.7			9.3	6.2/56.1		10.2/54.2	9.0		9.4/54.1	9.6	8.7		9.3	9.3	8.7	
58.0			9.0	6.4			8.9	6.1			8.6	5.9/58.1		9.5/57.1	8.3		9.1/57.0	9.2	8.5	
60.0			8.9/58.2	5.9			8.6	5.8			8.3	5.7			8.0	5.3		9.0	8.1	5.2/61.0
62.0				5.5			8.4/61.2	5.6			8.0	5.4			7.7	5.0		8.9/60.1	7.7	5.0
64.0				5.1				4.9			7.3	4.8			7.3	4.7			7.3	4.8
66.0				4.8				4.7			7.2/64.1	4.6			7.0	4.5			6.9	4.5
68.0				4.7/67.7				4.5				4.4			6.9/67.0	4.3			6.5	4.3
70.0								4.3				4.2				4.1			6.1	4.1
72.0								4.2/70.6				4.1				3.9				3.9
74.0												3.9/73.5				3.7				3.7
76.0																3.6				3.6
78.0																3.5/76.5				3.4
80.0																				3.3/79.4

SCX2500, luffing jib ratings 360 deg**Summary chart acc. EN1300 & DIN15018/3**

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

Jib length (m)	tower 57.90m							
	57.90				60.95			
Tower angle (°)	88	85	75	65	88	85	75	65
Reeved lines	2	1	1	1	2	1	1	1
Wind(m/sec) Radius(m)	11	11	11	11	11	11	11	11
20.0	15.1/21.3							
22.0	14.9				13.8/22.2			
24.0	14.2				13.3			
26.0	13.5	13.5/27.2			12.7			
28.0	13.0	13.2			12.2	12.3/28.2		
30.0	12.4	12.4			11.7	11.9		
32.0	12.0	12.1			11.2	11.4		
34.0	11.5	11.6			10.8	10.9		
36.0	11.1	11.2			10.5	10.5		
38.0	10.8	10.8			10.1	10.1		
40.0	10.4	10.4			9.8	9.8		
42.0	10.1	10.1			9.5	9.5		
44.0	9.9	9.8			9.3	9.2		
46.0	9.6	9.5	9.6/46.3		9.0	8.9	8.8/47.8	
48.0	9.4	9.3	9.3		8.8	8.7	8.8	
50.0	9.2	9.1	9.0		8.5	8.5	8.5	
52.0	9.1	8.9	8.7		8.2	8.3	8.2	
54.0	9.0	8.7	8.4		8.0	8.1	7.9	
56.0	8.9	8.6	8.2		7.8	8.0	7.7	
58.0	8.7	8.5	8.0		7.6	7.9	7.4	
60.0	7.8	8.4	7.8		7.5	7.7	7.3	
62.0		8.3	7.5	4.6/63.9	7.4	7.5	7.1	
64.0		8.2/63.0	7.2	4.6	7.3/62.9	7.4	6.9	4.1/65.9
66.0			6.8	4.4		7.2	6.6	4.1
68.0			6.5	4.2			6.3	3.9
70.0			6.3	3.9			6.1	3.7
72.0			6.1	3.7			5.8	3.5
74.0			6.0/72.9	3.5			5.6	3.3
76.0				3.4			5.5/75.9	3.1
78.0				3.2				2.9
80.0				3.1				2.8
82.0				3.0				2.7
84.0				2.9/82.4				2.5
86.0								2.4/85.3

SCX2500, luffing jib ratings 360 deg**Summary chart acc. EN1300 & DIN15018/3**

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

Jib length (m)	30.50				33.50				36.55				39.60				42.65			
	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65
Tower angle (°)	2	2	2	1	2	2	2	1	2	2	2	1	2	2	1	1	2	2	1	1
Reeved lines	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
Wind(m/sec)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
13.0	26.7/ 13.4																			
14.0	26.1				25.0/ 14.3															
15.0	25.1				24.4				23.1/ 15.2											
16.0	24.1				23.5				22.5				21.4/ 16.1				20.1/ 17.0			
18.0	22.4	23.3/ 18.1			21.9	22.1/ 19.1			21.0				20.0				19.5			
20.0	21.0	22.0			20.6	21.5			19.7	20.1/ 20.2			18.8	18.8/ 21.2			18.3			
22.0	19.8	20.6			19.4	20.1			18.5	19.2			17.6	18.4			17.2	17.5/ 22.3		
24.0	18.7	19.4			18.4	19.0			17.5	18.1			16.7	17.2			16.3	16.8		
26.0	17.8	18.3			17.5	17.9			16.6	17.1			15.8	16.3			15.5	15.9		
28.0	17.1	17.4			16.7	17.0			15.9	16.2			15.1	15.4			14.8	15.1		
30.0	16.4	16.6			16.0	16.3			15.2	15.5			14.4	14.7			14.2	14.4		
32.0	16.0	16.0	16.8/ 33.3		15.5	15.6			14.6	14.8			13.8	14.0			13.6	13.8		
34.0	15.8/ 33.6	15.5	16.5		15.0	15.0	15.8/ 34.9		14.1	14.2			13.3	13.4			13.1	13.2		
36.0		15.1	15.6		14.8	14.6	15.4		13.8	13.7	14.4/ 36.4		12.9	12.9	13.3/ 37.9		12.7	12.7		
38.0		14.9/ 36.8	14.9		14.7/ 36.5	14.2	14.7		13.5	13.3	13.8		12.6	12.5	13.2		12.3	12.3	12.6/ 39.4	
40.0			14.3			13.8/ 39.7	14.0		13.2/ 39.5	13.0	13.2		12.3	12.1	12.6		12.0	11.9	12.4	
42.0			13.5				13.5			12.8	12.6		12.2	11.8	12.0		11.8	11.6	11.9	
44.0			12.9				12.9			12.7/ 42.7	12.1		12.1/ 42.4	11.7	11.5		11.6	11.3	11.4	
46.0			12.3	8.0/ 47.6			12.3			11.7				11.6/ 45.6	11.1		11.4/ 45.4	11.1	11.0	
48.0			11.9/ 47.2	8.0			11.8	7.8/ 49.6		11.3					10.7			11.0	10.6	
50.0				7.6			11.3	7.6		10.8	7.1/ 51.5				10.3			10.9/ 48.6	10.2	
52.0				7.2			11.2/ 50.2	7.2		10.3	7.0				9.9	6.3/ 53.5			10.0	
54.0				6.9				6.9		10.0/ 53.1	6.6				9.5	6.2			9.6	6.0/ 55.4
56.0				6.6				6.6			6.3				9.2	5.9			9.2	5.9
58.0				6.4/ 57.2				6.3			6.0				9.1/ 56.1	5.6			8.8	5.6
60.0								6.1			5.7				5.3				8.6/ 59.0	5.4
62.0								6.1/ 60.1			5.5				5.0					5.1
64.0											5.3/ 63.1				4.8					4.9
66.0															4.7					4.7
68.0																				4.5
70.0																				4.4/ 68.9

SCX2500, luffing jib ratings 360 deg

Summary chart acc. EN1300 & DIN15018/3

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

Jib length (m)	45.70				48.75				51.80				54.85				57.90			
	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65
Tower angle (°)	2	2	1	1	2	2	1	1	2	2	1	1	2	1	1	1	2	1	1	1
Reeved lines	2	2	1	1	2	2	1	1	2	2	1	1	2	1	1	1	2	1	1	1
Wind(m/sec)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
16.0	18.5/17.9																			
18.0	18.5				17.1/18.7				16.2/19.6											
20.0	17.3				16.5				16.1				15.2/20.5				14.0/21.4			
22.0	16.3	16.3/23.3			15.5				15.2				14.6				13.8			
24.0	15.5	16.0			14.7	14.8/24.3			14.3	14.2/25.4			13.8				13.1			
26.0	14.7	15.1			13.9	14.3			13.6	14.0			13.2	13.2/26.4			12.5	12.2/27.5		
28.0	14.0	14.3			13.3	13.6			13.0	13.2			12.6	12.8			11.9	12.1		
30.0	13.4	13.6			12.7	12.9			12.4	12.6			12.0	12.2			11.4	11.6		
32.0	12.8	13.0			12.2	12.3			11.8	12.0			11.5	11.7			10.9	11.0		
34.0	12.4	12.5			11.7	11.8			11.4	11.5			11.1	11.2			10.5	10.6		
36.0	11.9	12.0			11.3	11.3			10.9	11.0			10.7	10.7			10.1	10.2		
38.0	11.6	11.5			10.9	10.9			10.6	10.6			10.3	10.3			9.8	9.8		
40.0	11.2	11.2	11.5/40.9		10.6	10.5			10.2	10.2			10.0	10.0			9.5	9.4		
42.0	11.0	10.8	11.1		10.3	10.2	10.4/42.5		9.9	9.8			9.7	9.6			9.2	9.1		
44.0	10.8	10.6	10.7		10.1	9.9	10.1		9.6	9.5	9.8		9.5	9.4	9.3/45.5		8.9	8.8		
46.0	10.7	10.3	10.2		9.9	9.7	9.7		9.4	9.3	9.4		9.2	9.1	9.2		8.7	8.6	8.5/47.0	
48.0	10.6	10.2	9.9		9.8	9.5	9.3		9.3	9.0	9.0		9.1	8.9	8.8		8.5	8.3	8.3	
50.0	10.5/48.3	10.1	9.5		9.7	9.3	9.0		9.2	8.8	8.7		9.0	8.7	8.5		8.4	8.1	8.0	
52.0		10.0/51.5	9.2		9.6/51.3	9.2	8.7		9.1	8.7	8.3		8.9	8.5	8.2		8.3	7.9	7.7	
54.0			9.0			9.1	8.4		9.0	8.6	8.1		8.8	8.3	8.0		8.2	7.8	7.5	
56.0			8.7	5.5/57.4		9.0/54.4	8.2		8.9/54.2	8.5	7.8		8.7	8.2	7.7		8.1	7.7	7.2	
58.0			8.4	5.4			8.1	4.8/59.4		8.4/57.4	7.6		8.6/57.1	8.1	7.5		8.0	7.6	7.0	
60.0			8.1	5.1			7.7	4.8			7.4	4.4/61.3		8.0	7.3		7.9	7.5	6.8	
62.0			7.8/61.9	4.8			7.4	4.6			7.1	4.3		7.9/60.3	7.2	4.2/63.3	7.8/60.1	7.4	6.7	
64.0				4.6			7.2	4.3			6.8	4.0			6.9	4.1		7.3/63.3	6.5	3.7/65.2
66.0				4.4			7.1/64.9	4.1			6.6	3.8			6.7	3.9			6.4	3.7
68.0				4.2				3.9			6.5/67.8	3.6			6.4	3.7			6.1	3.5
70.0				4.0				3.7				3.4			6.2	3.5			5.9	3.3
72.0				3.9/71.9				3.5				3.2			6.1/70.8	3.3			5.7	3.1
74.0								3.4				3.1				3.1			5.5/73.7	3.0
76.0								3.4/74.8				3.0				3.0				2.8
78.0												2.9/77.8				2.8				2.6
80.0																2.7				2.5
82.0																2.7/80.7				2.4
84.0																				2.3/83.7

SCX2500, luffing jib ratings 360 deg**Summary chart acc. EN1300 & DIN15018/3**

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

	tower 60.95m			
Jib length (m)	60.95			
Tower angle (°)	88	85	75	65
Reeved lines	1	1	1	1
Wind(m/sec) Radius(m)	11	11	11	11
22.0	12.7/22.3			
24.0	12.3			
26.0	11.8			
28.0	11.2	11.2/28.5		
30.0	10.7	10.9		
32.0	10.3	10.4		
34.0	9.9	10.0		
36.0	9.5	9.6		
38.0	9.2	9.2		
40.0	8.9	8.9		
42.0	8.6	8.5		
44.0	8.4	8.3		
46.0	8.1	8.0		
48.0	8.0	7.8	7.6/48.6	
50.0	7.9	7.4	7.5	
52.0	7.8	7.2	7.2	
54.0	7.7	7.1	7.0	
56.0	7.6	7.0	6.7	
58.0	7.5	6.9	6.5	
60.0	7.4	6.8	6.3	
62.0	7.3	6.7	6.2	
64.0	7.2/63.0	6.6	6.0	
66.0		6.5	5.9	3.3/67.2
68.0		6.5/66.2	5.8	3.3
70.0			5.6	3.1
72.0			5.4	2.9
74.0			5.2	2.7
76.0			5.0	2.5
78.0			4.9/76.7	2.4
80.0				2.2
82.0				2.1
84.0				2.0
86.0				1.9
88.0				1.8/86.5

SCX2500, luffing jib ratings 360 deg, Jib Base Hoisting

Summary chart acc. EN1300 & DIN15018/3

luffing jib fixed at 15°, with tower main hoist in jib base

93.7t upper counterweight + 14.0t lower weight

Unit: t

	tower 21.35m													
Jib length(m)	21.35	24.40	27.45	30.50	33.50	36.55	39.60	42.65	45.70	48.75	51.80	54.85	57.90	60.95
Reeved lines	6	6	6	6	6	6	6	6	6	6	5	5	5	5
Wind(m/sec)														
Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11
6.5	70.0/6.6	69.2/6.6	69.0/6.6	68.8/6.6	68.6/6.6	68.4/6.6	68.2/6.6	68.0/6.6	67.8/6.6	67.6/6.6	67.4/6.6	67.2/6.6	67.0/6.6	66.8/6.6
7.0	69.0	68.7	68.5	68.3	68.1	67.9	67.7	67.5	67.3	67.1	66.9	66.7	66.5	66.3
7.5	68.5	68.2	68.0	67.8	67.6	67.4	67.2	67.0	66.8	66.6	66.4	66.2	66.0	65.8
8.0	68.0	67.7	67.5	67.3	67.1	66.9	66.7	66.5	66.3	66.1	65.9	65.7	65.5	65.3
9.0	67.2	66.9	66.7	66.5	66.3	66.1	65.9	65.7	65.5	65.3	65.1	64.9	64.7	64.5
10.0	66.4	66.1	65.9	65.7	65.5	65.3	65.1	64.9	64.7	64.5	64.3	64.1	63.9	63.7
11.0	65.6	65.3	65.1	64.9	64.7	64.5	64.3	64.1	63.9	63.7	63.5	63.3	63.1	62.9
12.0	64.8	64.5	64.3	64.1	63.9	63.7	63.5	63.3	63.1	62.9	62.7	62.5	62.3	62.1
13.0	64.7/12.2	64.4/12.2	64.2/12.2	64.0/12.2	63.8/12.2	63.6/12.2	63.4/12.2	63.2/12.2	63.0/12.2	62.8/12.2	62.6/12.2	62.4/12.2	62.2/12.2	62.0/12.2

	tower 24.40m													
Jib length(m)	21.35	24.40	27.45	30.50	33.50	36.55	39.60	42.65	45.70	48.75	51.80	54.85	57.90	60.95
Reeved lines	6	6	6	6	6	6	6	6	5	5	5	5	5	5
Wind(m/sec)														
Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11
7.0	69.0/7.1	68.8/7.1	68.6/7.1	68.4/7.1	68.2/7.1	68/7.1	67.8/7.1	67.6/7.1	67.4/7.1	67.2/7.1	67.0/7.1	66.8/7.1	66.6/7.1	66.4/7.1
7.5	68.4	68.1	67.9	67.7	67.5	67.3	67.1	66.9	66.7	66.5	66.3	66.1	65.9	65.7
8.0	67.9	67.6	67.4	67.2	67.0	66.8	66.6	66.4	66.2	66.0	65.8	65.6	65.4	65.2
9.0	67.1	66.8	66.6	66.4	66.2	66.0	65.8	65.6	65.4	65.2	65.0	64.8	64.6	64.4
10.0	66.3	66.0	65.8	65.6	65.4	65.2	65.0	64.8	64.6	64.4	64.2	64.0	63.8	63.6
11.0	65.5	65.2	65.0	64.8	64.6	64.4	64.2	64.0	63.8	63.6	63.4	63.2	63.0	62.8
12.0	64.7	64.4	64.2	64.0	63.8	63.6	63.4	63.2	63.0	62.8	62.6	62.4	62.2	62.0
13.0	63.9	63.6	63.4	63.2	63.0	62.8	62.6	62.4	62.2	62.0	61.8	61.6	61.4	61.2
14.0	63.5/13.5	63.2/13.5	63.0/13.5	62.8/13.5	62.6/13.5	62.4/13.5	62.2/13.5	62.0/13.5	61.8/13.5	61.6/13.5	61.4/13.5	61.2/13.5	61.0/13.5	60.8/13.5

SCX2500, luffing jib ratings 360 deg, Jib Base Hoisting

Summary chart acc. EN1300 & DIN15018/3

luffing jib fixed at 15°, with tower main hoist in jib base

93.7t upper counterweight + 14.0t lower weight

Unit: t

tower 27.45m														
Jib length(m)	21.35	24.40	27.45	30.50	33.50	36.55	39.60	42.65	45.70	48.75	51.80	54.85	57.90	60.95
Reeved lines	6	6	6	6	5	5	5	5	5	5	5	5	5	5
Wind(m/sec)														
Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11
7.5	68.3/7.7	68.0/7.7	67.8/7.7	67.6/7.7	67.4/7.7	67.2/7.7	67.0/7.7	66.8/7.7	66.6/7.7	66.4/7.7	66.2/7.7	66.0/7.7	65.8/7.7	65.6/7.7
8.0	67.8	67.5	67.3	67.1	66.9	66.7	66.5	66.3	66.1	65.9	65.7	65.5	65.3	65.1
9.0	67.0	66.7	66.5	66.3	66.1	65.9	65.7	65.5	65.3	65.1	64.9	64.7	64.5	64.3
10.0	66.2	65.9	65.7	65.5	65.3	65.1	64.9	64.7	64.5	64.3	64.1	63.9	63.7	63.5
11.0	65.4	65.1	64.9	64.7	64.5	64.3	64.1	63.9	63.7	63.5	63.1	62.9	62.7	62.5
12.0	64.6	64.3	64.1	63.9	63.7	63.5	63.3	63.1	62.9	62.7	62.5	62.3	62.1	61.9
13.0	63.8	63.5	63.3	63.1	62.9	62.7	62.5	62.3	62.1	61.9	61.7	61.5	61.3	61.1
14.0	63.0	62.7	62.5	62.3	62.1	61.9	61.7	61.5	60.8	59.4	58.0	57.6	56.2	54.6
15.0	62.2/14.8	61.6/14.8	60.9/14.8	60.1/14.8	59.4/14.8	58.5/14.8	57.5/14.8	56.8/14.8	55.8/14.8	54.9/14.8	53.8/14.8	52.9/14.8	52.0/14.8	50.6/14.8

tower 30.50m														
Jib length(m)	21.35	24.40	27.45	30.50	33.50	36.55	39.60	42.65	45.70	48.75	51.80	54.85	57.90	60.95
Reeved lines	6	5	5	5	5	5	5	5	5	5	5	5	5	5
Wind(m/sec)														
Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11
8.0	67.7/8.2	67.4/8.2	67.2/8.2	67.0/8.2	66.8/8.2	66.6/8.2	66.4/8.2	66.2/8.2	66.0/8.2	65.8/8.2	65.6/8.2	65.4/8.2	65.2/8.2	65.0/8.2
9.0	66.9	66.6	66.4	66.2	66.0	65.8	65.6	65.4	65.2	65.0	64.8	64.6	64.4	64.2
10.0	66.1	65.8	65.6	65.4	65.2	65.0	64.8	64.6	64.4	64.2	64.0	63.8	63.6	63.4
11.0	65.3	65.0	64.8	64.6	64.4	64.2	64.0	63.8	63.6	63.4	63.2	63.0	62.8	62.6
12.0	64.5	64.2	64.0	63.8	63.6	63.4	63.2	63.0	62.8	62.6	62.4	62.2	62.0	61.8
13.0	63.7	63.4	63.2	63.0	62.8	62.6	62.4	62.2	62.0	61.8	61.6	61.4	61.2	60.0
14.0	62.8	62.5	62.3	62.1	61.9	61.7	61.1	61.0	59.4	58.1	56.7	56.4	55.1	53.6
15.0	61.6	60.5	59.9	58.6	58.3	56.9	55.5	55.3	53.8	52.5	51.2	50.9	49.5	48.1
16.0	56.0	55.0	54.5	53.3	53.0	51.7	50.4	50.2	48.8	47.7	46.3	46.1	44.7	43.4

SCX2500, luffing jib ratings 360 deg, Jib Base Hoisting

Summary chart acc. EN1300 & DIN15018/3

luffing jib fixed at 15°, with tower main hoist in jib base

93.7t upper counterweight + 14.0t lower weight

Unit: t

	tower 33.50m													
Jib length(m)	21.35	24.40	27.45	30.50	33.50	36.55	39.60	42.65	45.70	48.75	51.80	54.85	57.90	60.95
Reeved lines	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Wind(m/sec)														
Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11
8.0	67.2/8.7	66.9/8.7	66.7/8.7	66.5/8.7	66.3/8.7	66.1/8.7	65.9/8.7	65.7/8.7	65.5/8.7	65.3/8.7	65.1/8.7	64.9/8.7	64.7/8.7	64.5/8.7
9.0	66.8	66.5	66.3	66.1	65.9	65.7	65.5	65.3	65.1	64.9	64.7	64.5	64.3	64.1
10.0	66.0	65.6	65.4	65.2	65.0	64.8	64.6	64.4	64.2	64.0	63.8	63.6	63.4	63.2
11.0	65.2	64.9	64.7	64.5	64.3	64.1	63.9	63.7	63.5	63.1	62.9	62.7	62.5	62.3
12.0	64.4	64.1	63.9	63.7	63.5	63.3	63.1	62.9	62.7	62.5	62.3	62.1	61.9	61.7
13.0	63.6	63.3	63.1	62.9	62.7	62.5	62.3	62.1	61.9	61.7	61.5	61.3	60.1	58.7
14.0	62.8	62.5	62.3	62.1	61.9	61.0	59.6	59.4	57.9	56.7	55.3	55.2	53.8	52.4
15.0	59.9	58.9	58.3	57.1	56.8	55.5	54.0	53.9	52.5	51.2	49.9	49.8	48.5	47.1
16.0	54.9	54.0	53.4	52.2	52.0	50.6	49.3	49.1	47.7	46.5	45.2	45.1	43.8	42.5
18.0	49.0/17.3	48.2/17.3	47.6/17.3	46.5/17.3	46.3/17.3	45.0/17.3	43.8/17.3	43.7/17.3	42.3/17.3	41.2/17.3	40.0/17.3	39.9/17.3	38.7/17.3	37.4/17.3

	tower 36.55m													
Jib length(m)	21.35	24.40	27.45	30.50	33.50	36.55	39.60	42.65	45.70	48.75	51.80	54.85	57.90	60.95
Reeved lines	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Wind(m/sec)														
Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11
9.0	66.7/9.2	66.3/9.2	66.1/9.2	65.9/9.2	65.7/9.2	65.5/9.2	65.3/9.2	65.1/9.2	64.9/9.2	64.7/9.2	64.5/9.2	64.3/9.2	64.1/9.2	63.9/9.2
10.0	65.9	65.6	65.4	65.2	65.0	64.8	64.6	64.4	64.2	64.0	63.8	63.6	63.4	63.2
11.0	65.1	64.8	64.6	64.4	64.2	64.0	63.8	63.6	63.4	63.2	63.0	62.8	62.6	62.4
12.0	64.3	64.0	63.8	63.6	63.4	63.2	63.0	62.8	62.6	62.4	62.2	62.0	61.8	61.6
13.0	63.5	63.1	62.9	62.7	62.5	62.3	62.1	61.9	61.7	61.3	59.9	59.9	58.5	57.2
14.0	62.7	62.4	62.1	60.8	60.6	59.3	57.9	57.8	56.4	55.2	53.9	53.8	52.5	51.1
15.0	58.1	57.1	56.6	55.4	55.2	53.9	52.5	52.5	51.0	49.9	48.6	48.5	47.2	45.9
16.0	53.3	52.3	51.9	50.6	50.5	49.2	47.8	47.8	46.4	45.3	44.0	43.9	42.7	41.4
18.0	45.4	44.4	44.0	42.8	42.6	41.4	40.1	40.0	38.7	37.6	36.4	36.3	35.1	33.9
20.0	43.2/18.6	42.3/18.6	41.9/18.6	40.7/18.6	40.5/18.6	39.3/18.6	38.1/18.6	38.0/18.6	36.7/18.6	35.7/18.6	34.5/18.6	34.4/18.6	33.3/18.6	32.1/18.6

SCX2500, luffing jib ratings 360 deg, Jib Base Hoisting

Summary chart acc. EN1300 & DIN15018/3

luffing jib fixed at 15°, with tower main hoist in jib base

93.7t upper counterweight + 14.0t lower weight

Unit: t

	tower 39.60m													
Jib length(m)	21.35	24.40	27.45	30.50	33.50	36.55	39.60	42.65	45.70	48.75	51.80	54.85	57.90	60.95
Reeved lines	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Wind(m/sec)														
Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11
9.0	66.2/9.8	65.9/9.8	65.7/9.8	65.5/9.8	65.3/9.8	65.1/9.8	64.9/9.8	64.7/9.8	64.5/9.8	64.3/9.8	64.1/9.8	63.9/9.8	63.7/9.8	63.5/9.8
10.0	65.8	65.5	65.3	65.1	64.9	64.7	64.5	64.3	64.1	63.9	63.7	63.5	63.3	63.1
11.0	65.0	64.7	64.5	64.3	64.1	63.9	63.7	63.5	63.3	63.1	62.9	62.7	62.5	62.3
12.0	64.2	63.9	63.7	63.5	63.2	63.0	62.8	62.7	62.5	62.3	62.1	61.9	61.7	61.5
13.0	63.4	63.1	62.9	62.7	62.5	62.3	62.1	61.9	61.0	59.8	58.5	58.5	57.2	55.8
14.0	61.9	60.9	60.4	59.2	59.1	57.8	56.4	56.4	55.0	53.8	52.5	52.5	51.3	50.0
15.0	56.5	55.6	55.1	53.9	53.8	52.5	51.2	51.2	49.8	48.7	47.4	47.4	46.2	44.9
16.0	51.9	50.9	50.5	49.3	49.2	47.9	46.6	46.6	45.3	44.2	43.0	43.0	41.8	40.5
18.0	44.1	43.2	42.8	41.7	41.5	40.3	39.1	39.1	37.8	36.7	35.6	35.5	34.4	33.2
20.0	38.2/19.9	37.4/19.9	37.0/19.9	35.9/19.9	35.8/19.9	34.6/19.9	33.4/19.9	33.4/19.9	32.1/19.9	31.0/19.9	29.9/19.9	29.8/19.9	28.8/19.9	26.6/19.9

	tower 42.65m													
Jib length(m)	21.35	24.40	27.45	30.50	33.50	36.55	39.60	42.65	45.70	48.75	51.80	54.85	57.90	60.95
Reeved lines	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Wind(m/sec)														
Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11
10.0	65.7/10.3	65.4/10.3	65.2/10.3	65.0/10.3	64.8/10.3	64.6/10.3	64.4/10.3	64.2/10.3	64.0/10.3	63.8/10.3	63.6/10.3	63.4/10.3	63.2/10.3	63.0/10.3
11.0	64.9	64.6	64.4	64.2	64.0	63.8	63.6	63.4	63.2	63.0	62.8	62.6	62.4	62.2
12.0	64.1	63.8	63.6	63.4	63.2	63.0	62.8	62.6	62.4	62.2	62.0	61.8	61.6	61.1
13.0	63.3	63.0	62.8	62.6	62.4	62.2	60.7	60.8	59.4	58.2	56.9	57.0	55.7	54.4
14.0	60.1	59.1	58.8	57.5	57.5	56.2	54.8	54.9	53.5	52.4	51.2	51.2	50.0	48.8
15.0	54.9	54.0	53.6	52.4	52.4	51.1	49.8	49.9	48.5	47.4	46.2	46.3	45.1	43.8
16.0	50.4	49.5	49.1	47.9	47.9	46.6	45.4	45.4	44.1	43.0	41.9	41.9	40.8	39.6
18.0	42.8	41.9	41.6	40.5	40.4	39.2	38.0	38.1	36.8	35.8	34.6	34.7	33.6	32.4
20.0	36.8	35.9	35.6	34.5	34.5	33.3	32.1	32.2	31.0	30.0	28.9	28.9	27.8	26.7
22.0	33.9/21.2	33.2/21.2	32.8/21.2	31.8/21.2	31.8/21.2	30.6/21.2	29.5/21.2	29.5/21.2	28.3/21.2	27.3/21.2	26.3/21.2	26.3/21.2	25.2/21.2	24.1/21.2

SCX2500, luffing jib ratings 360 deg, Jib Base Hoisting

Summary chart acc. EN1300 & DIN15018/3

luffing jib fixed at 15°, with tower main hoist in jib base

93.7t upper counterweight + 14.0t lower weight

Unit: t

	tower 45.70m													
Jib length(m)	21.35	24.40	27.45	30.50	33.50	36.55	39.60	42.65	45.70	48.75	51.80	54.85	57.90	60.95
Reeved lines	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Wind(m/sec)														
Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11
10.0	65.0/10.8	64.7/10.8	64.5/10.8	64.3/10.8	64.1/10.8	63.9/10.8	63.7/10.8	63.5/10.8	63.3/10.8	63.1/10.8	62.9/10.8	62.7/10.8	62.5/10.8	62.3/10.8
11.0	64.8	64.5	64.3	64.1	63.9	63.7	63.5	63.3	63.1	62.9	62.7	62.5	61.5	60.4
12.0	64.0	63.7	63.5	63.3	63.1	62.9	62.7	62.5	62.3	62.1	61.5	60.2	59.2	58.1
13.0	62.4	62.1	61.9	60.7	61.5	60.2	58.9	59.0	57.6	56.5	55.2	55.4	54.2	52.9
14.0	58.3	57.3	57.0	55.8	55.8	54.5	53.2	53.3	52.0	50.9	49.7	49.8	48.6	47.4
15.0	53.2	52.3	52.0	50.8	50.8	49.5	48.3	48.4	47.1	46.0	44.8	44.9	43.8	42.6
16.0	48.8	47.9	47.6	46.4	46.4	45.2	43.9	44.1	42.8	41.7	40.6	40.7	39.6	38.4
18.0	41.4	40.5	40.2	39.1	39.1	38.0	36.7	36.9	35.6	34.6	33.5	33.6	32.5	31.4
20.0	35.5	34.7	34.4	33.3	33.3	32.2	31.0	31.1	29.9	28.9	27.9	28.0	26.9	25.8
22.0	30.7	29.9	29.6	28.6	28.5	27.4	26.3	26.4	25.2	24.3	23.3	23.3	22.3	21.3
24.0	29.8/22.5	29.1/22.5	28.8/22.5	28.2/22.5	27.7/22.5	26.6/22.5	25.5/22.5	25.5/22.5	24.4/22.5	23.5/22.5	22.5/22.5	22.5/22.5	21.5/22.5	20.5/22.5

	tower 48.75m													
Jib length(m)	21.35	24.40	27.45	30.50	33.50	36.55	39.60	42.65	45.70	48.75	51.80	54.85	57.90	60.95
Reeved lines	5	5	5	5	5	5	5	5	5	5	5	5	4	4
Wind(m/sec)														
Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11
11.0	64.3/11.4	63.4/11.4	63.0/11.4	61.8/11.4	61.5/11.4	60.4/11.4	59.2/11.4	58.8/11.4	57.6/11.4	56.6/11.4	55.6/11.4	54.6/11.4	53.6/11.4	52.6/11.4
12.0	62.6	61.6	61.2	60.1	59.8	58.7	57.5	57.1	55.9	55.0	54.0	53.0	52.0	50.9
13.0	60.4	59.5	59.1	58.0	57.7	56.6	55.4	55.1	53.9	52.9	51.9	51.1	50.1	49.0
14.0	56.7	55.7	55.5	54.3	54.3	53.1	51.8	52.0	50.6	49.6	48.4	48.6	47.4	46.2
15.0	51.8	50.8	50.6	49.4	49.4	48.2	47.0	47.2	45.9	44.8	43.7	43.9	42.7	41.6
16.0	47.5	46.5	46.3	45.2	45.2	44.0	42.8	43.0	41.7	40.7	39.5	39.7	38.6	37.5
18.0	40.3	39.4	39.1	38.0	38.1	36.9	35.7	35.9	34.7	33.7	32.6	32.8	31.8	30.7
20.0	34.5	33.6	33.4	32.3	32.4	31.3	30.1	30.3	29.1	28.1	27.1	27.2	26.2	25.2
22.0	29.7	28.9	28.7	27.7	27.7	26.6	25.5	25.7	24.5	23.6	22.6	22.7	21.7	20.7
24.0	26.9/23.8	26.1/23.8	24.8/23.8	24.9/23.8	24.9/23.8	23.9/23.8	22.8/23.8	22.9/23.8	21.8/23.8	20.9/23.8	19.9/23.8	19.7/23.8	19.1/23.8	18.1/23.8

SCX2500, luffing jib ratings 360 deg, Jib Base Hoisting

Summary chart acc. EN1300 & DIN15018/3

luffing jib fixed at 15°, with tower main hoist in jib base

93.7t upper counterweight + 14.0t lower weight

Unit: t

tower 51.80m														
Jib length(m)	21.35	24.40	27.45	30.50	33.50	36.55	39.60	42.65	45.70	48.75	51.80	54.85	57.90	60.95
Reeved lines	5	5	5	4	4	4	4	4	4	4	4	4	4	4
Wind(m/sec)														
Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11
11.0	55.7/11.9	54.8/11.9	54.4/11.9	53.3/11.9	53.1/11.9	52.0/11.9	50.9/11.9	50.6/11.9	49.5/11.9	48.5/11.9	47.5/11.9	46.8/11.9	45.8/11.9	44.8/11.9
12.0	55.1	54.2	53.8	52.7	52.5	51.4	50.3	50.0	48.9	47.9	46.9	46.3	45.3	44.2
13.0	53.2	52.3	51.9	50.8	50.6	49.5	48.4	48.2	47.1	46.1	45.1	44.5	43.5	42.5
14.0	51.4	50.5	50.1	49.0	48.9	47.8	46.7	46.5	45.3	44.4	43.4	42.9	41.9	40.8
15.0	49.7	48.8	48.5	47.4	47.3	46.2	45.0	44.9	43.8	42.8	41.8	41.3	40.3	39.3
16.0	45.9	45.0	44.8	43.7	43.8	42.6	41.4	41.6	40.4	39.4	38.3	38.5	37.5	36.3
18.0	38.9	38.0	37.8	36.7	36.8	35.7	34.5	34.8	33.6	32.6	31.5	31.8	30.7	29.7
20.0	33.2	32.4	32.2	31.1	31.2	30.1	29.0	29.2	28.1	27.1	26.1	26.3	25.3	24.3
22.0	28.6	27.8	27.6	26.6	26.6	25.6	24.5	24.7	23.6	22.7	21.7	21.9	20.9	19.9
24.0	24.7	23.9	23.7	22.7	22.8	21.8	20.7	20.9	19.8	18.9	18.0	18.1	17.2	16.2
26.0	23.0/25.1	22.3/25.1	22.1/25.1	21.1/25.1	21.2/25.1	20.2/25.1	19.1/25.1	19.3/25.1	18.2/25.1	17.3/25.1	16.4/25.1	16.5/25.1	15.6/25.1	14.6/25.1

tower 54.85m													
Jib length(m)	24.40	27.45	30.50	33.50	36.55	39.60	42.65	45.70	48.75	51.80	54.85	57.90	60.95
Reeved lines	4	4	4	4	4	4	4	4	4	3	3	3	3
Wind(m/sec)													
Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11
12.0	47.1/12.4	46.8/12.4	45.7/12.4	45.6/12.4	44.5/12.4	43.4/12.4	43.3/12.4	42.2/12.4	41.2/12.4	40.3/12.4	39.9/12.4	38.9/12.4	37.9/12.4
13.0	46.1	45.8	44.7	44.6	43.5	42.4	42.4	41.2	40.3	39.3	38.9	38.0	37.0
14.0	44.5	44.2	43.1	43.1	42.0	40.8	40.8	39.7	38.7	37.8	37.4	36.5	35.4
15.0	42.9	42.7	41.6	41.6	40.5	39.4	39.4	38.2	37.3	36.3	36.0	35.1	34.0
16.0	41.5	41.3	40.2	40.2	39.1	38.0	38.0	36.9	35.9	35.0	34.7	33.7	32.7
18.0	37.1	36.9	35.8	36.0	34.9	33.7	34.0	32.8	31.9	30.8	31.1	30.1	29.1
20.0	31.5	31.4	30.4	30.5	29.4	28.3	28.6	27.4	26.5	25.5	25.8	24.8	23.8
22.0	27.0	26.9	25.9	26.0	24.9	23.8	24.1	23.0	22.1	21.1	21.4	20.4	19.5
24.0	23.2	23.1	22.1	22.2	21.2	20.1	20.4	19.3	18.4	17.5	17.7	16.8	15.9
26.0	20.0	19.9	18.9	19.0	18.0	17.0	17.2	16.2	15.3	14.4	14.6	13.7	12.8
28.0	19.5/26.3	19.4/26.3	18.4/26.3	18.5/26.3	17.5/26.3	16.5/26.3	16.7/26.3	15.7/26.3	14.9/26.3	14.0/26.3	14.1/26.3	13.3/26.3	12.4/26.3

SCX2500, luffing jib ratings 360 deg, Jib Base Hoisting

Summary chart acc. EN1300 & DIN15018/3

luffing jib fixed at 15°, with tower main hoist in jib base

93.7t upper counterweight + 14.0t lower weight

Unit: t

tower 57.90m												
Jib length(m)	27.45	30.50	33.50	36.55	39.60	42.65	45.70	48.75	51.80	54.85	57.90	60.95
Reeved lines	3	3	3	3	3	3	3	3	3	3	3	3
Wind(m/sec)												
Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11
13.0	40.1	39.0	39.0	37.9	36.8	36.9	35.8	34.8	33.9	33.7	32.8	31.8
14.0	38.6	37.5	37.6	36.5	35.4	35.5	34.4	33.4	32.5	32.4	31.4	30.4
15.0	37.2	36.2	36.2	35.2	34.1	34.2	33.1	32.1	31.2	31.1	30.1	29.1
16.0	36.0	34.9	35.0	33.9	32.8	32.9	31.8	30.9	29.9	29.9	28.9	27.9
18.0	33.6	32.6	32.7	31.6	30.5	30.7	29.6	28.6	27.7	27.7	26.7	25.7
20.0	30.4	29.4	29.6	28.5	27.4	27.7	26.6	25.7	24.7	25.0	24.1	23.1
22.0	26.0	25.0	25.1	24.1	23.0	23.3	22.3	21.4	20.4	20.7	19.8	18.8
24.0	22.2	21.3	21.4	20.4	19.4	19.7	18.6	17.8	16.8	17.1	16.2	15.3
26.0	19.1	18.1	18.3	17.3	16.3	16.6	15.5	14.7	13.8	14.0	13.2	12.3
28.0	16.9/27.6	15.9/27.6	16.1/27.6	15.1/27.6	14.1/27.6	14.1/27.6	13.4/27.6	12.6/27.6	11.7/27.6	11.9/27.6	11.1/27.6	10.2/27.6

tower 60.95m											
Jib length(m)	30.50	33.50	36.55	39.60	42.65	45.70	48.75	51.80	54.85	57.90	60.95
Reeved lines	3	3	3	3	3	3	3	3	3	3	2
Wind(m/sec)											
Radius(m)	11	11	11	11	11	11	11	11	11	11	11
13.0	33.0/13.5	33.1/13.5	32.0/13.5	30.9/13.5	31.1/13.5	30.0/13.5	29.1/13.5	28.2/13.5	28.2/13.5	27.3/13.5	26.3/13.5
14.0	32.3	32.4	31.3	30.2	30.4	29.3	28.4	27.5	27.5	26.6	25.6
15.0	31.0	31.2	30.1	29.0	29.2	28.1	27.2	26.3	26.4	25.4	24.5
16.0	29.9	30.0	29.0	27.9	28.1	27.0	26.1	25.2	25.3	24.3	23.4
18.0	27.7	27.9	26.9	25.8	26.0	24.9	24.0	23.1	23.3	22.3	21.3
20.0	25.8	26.0	25.0	23.9	24.2	23.1	22.2	21.3	21.4	20.5	19.5
22.0	23.9	24.1	23.1	22.0	22.4	21.3	20.5	19.5	19.8	18.9	17.9
24.0	20.3	20.5	19.5	18.4	18.8	17.7	16.9	16.0	16.3	15.4	14.5
26.0	17.2	17.4	16.4	15.4	15.7	14.7	13.9	13.0	13.3	12.4	11.5
28.0	14.5	14.7	13.7	12.8	13.1	12.1	11.3	10.4	10.7	9.9	9.0
30.0	13.4/28.9	13.6/28.9	12.7/28.9	11.7/28.9	11.3/28.9	11.0/28.9	10.2/28.9	9.4/28.9	9.6/28.9	8.8/28.9	8.0/28.9

Summary chart based on USA-standard

Precautions of lifting capacities (1/2)	37-099-033.2ER0S
Main boom lifting capacities (1/2)	37-101-138.1ER0S
Main boom lifting capacities with short jib (1/2)	37-102-048.1ER0S
Short jib lifting capacities (1/2)	37-131-075.1ER0S
Luffing jib lifting capacities (1/ 42)	37-161-026.2ER0S
Luffing jib base lifting capacities (1/ 7)	37-173-002.1ER0S

SCX2500 Precautions of lifting capacities (For Crane)

EC404048

(P-1/2)

1. Capacities shown are in metric tons, and are determined according to ANSI B30.5 & SAE J987-over the side-with machine standing level on firm supporting surface under ideal job conditions.
2. Capacities marked with are based on machine structural limitation factors other than those which would cause a tipping condition.
3. A deduction must be made from the lifting capacities for the weight of the following:
(Main boom + Jib)hook blocks, hooks, slings, spreader bar, or other suspended gear e.t.c.
4. High gantry is required for all operating conditions.
5. The wind velocity on the lifting capacities shows the instantaneous wind velocity.
6. Crane must be operated with the counterweight of below listed condition.
 Boom length 15.25m - 18.30m : 87.7t upper counterweight + 14.0t lower weight
 Boom length 21.35m and over: 93.7t upper counterweight + 14.0t lower weight
7. Do not lift or suspend a load from the jib hook and main boom hoist hook at the same time.
8. Hoist reeving.

Available rope : P S(19)+39×P 7 (Breaking strength 755kN or more)

Kind of hook block (t)	Mass of hook block (t)	Max. of load (t)														
		250.0	230.0	209.0	186.0	162.0	135.0	121.5	108.0	94.5	81.0	67.5	54.0	40.5	27.0	13.5
250/135t	3.3/2.6	250.0	230.0	209.0	186.0	162.0	135.0	121.5	108.0	94.5	81.0	67.5	54.0	40.5	27.0	13.5
80t	1.4	-	-	-	-	-	-	-	-	-	80.0	67.5	54.0	40.5	27.0	13.5
35t	0.9	-	-	-	-	-	-	-	-	-	-	-	-	35.0	27.0	13.5
13.5t	0.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13.5
No. of reeving		20	18	16	14	12	10	9	8	7	6	5	4	3	2	1

SCX2500 Precautions of lifting capacities (For Luffing)

EC404048 (P-2/2)

1. Capacities shown are in metric tons, and are determined according to ANSI B30.5 & SAE J987-over the side-with machine standing level on firm supporting surface under
2. Capacities marked with  are based on machine structural limitation factors other than those which would cause a tipping condition.
3. Operation must be very careful when using luffing jib hook, while jib base hoist hook is suspended because jib base hoist hook is possible to hit the boom and thus boom will be damaged.
4. A deduction must be made from the lifting capacities for the weight of the following:
(Luffing jib + Jib base hoist) hook blocks, hooks, slings, spreader bar, or other suspended gear e.t.c.
5. High gantry is required for all operating conditions.
6. The wind velocity on the lifting capacities shows the instantaneous wind velocity.
7. Do not lift or suspend a load from the luffing jib hook and jib base hoist hook at the same time.
8. Hoist reeving.

Available rope : P ·S(19)+39×P ·7 (Breaking strength 755kN or more)

Kind of hook block(t)	Mass of hook block (t)	Max. load (t)					
80t	1.4	80.0	67.5	54.0	40.5	27.0	13.5
35t	0.9	-	-	-	35.0	27.0	13.5
13.5t	0.6	-	-	-	-	-	13.5
No,of reeving		6	5	4	3	2	1

SCX2500, lifting chart 360deg, main boom hammerhead

Summary chart based on USA- standard

87.7t upper counterweight + 14.0t lower weight

Unit: t

Boom length(m)	15.25	18.30
Reeved lines	20	18
Wind(m/sec)		
Radius(m)	17	17
4.5	250	
5.0	231	215/ 5.4
6.0	191	191
7.0	164	164
8.0	144	144
9.0	128	128
10.0	115	115
12.0	90.8	90.6
14.0	73.9	73.7
16.0	66.3/ 14.9	62.1
18.0		55.2/ 17.5

SCX2500, lifting chart 360deg, main boom hammerhead

Summary chart based on USA- standard

93.7t upper counterweight + 14.0t lower weight

Unit: t

Main boom with hammerhead acc. ANSI B30.5(1989) & SAE J987(2003)																	
Boom length(m)	21.35	24.40	27.45	30.50	33.50	36.55	39.60	42.65	45.70	48.75	51.80	54.85	57.90	60.95	64.00	67.05	70.10
Reeved lines	16	14	12	12	10	9	9	8	7	7	6	6	5	5	5	4	4
Wind(m/sec)																	
Radius(m)	17	14	14	14	14	14	14	11	11	11	11	11	11	11	11	11	11
5.0	193/5.9																
6.0	191	178/6.4															
7.0	164	163	158	151/7.5													
8.0	144	144	144	144	130	119/8.5											
9.0	128	127	127	127	126	118	117/9.1	108/9.6									
10.0	115	115	115	115	115	115	115	108	94.5/10.1	93.3/10.7	81.0/11.2	80.4/11.7					
12.0	92.6	91.9	91.9	91.8	91.7	91.7	91.6	91.5	91.3	91.2	81.0	79.4	67.0/12.2	65.7/12.8	63.6/13.3	54.0/13.8	
14.0	74.4	74.0	73.8	73.8	73.7	73.5	73.1	73.1	72.9	72.8	72.7	72.5	63.3	63.2	62.5	54.0	53.2/14.4
16.0	62.1	61.6	61.4	61.2	61.2	60.8	60.4	60.3	60.1	60.0	60.0	59.8	59.8	59.6	59.2	50.6	50.2
18.0	53.0	52.6	52.4	51.9	51.9	51.5	51.1	51.0	50.9	50.7	50.7	50.6	50.5	50.2	50.0	48.8	48.6
20.0	46.1	45.7	45.5	44.9	44.9	44.5	44.1	44.0	43.8	43.6	43.6	43.4	43.3	43.1	42.9	42.8	42.6
22.0	45.4/20.2	40.4	40.2	39.4	39.4	39.0	38.6	38.5	38.2	38.0	38.0	37.9	37.7	37.5	37.4	37.2	37.0
24.0		38.2/22.8	35.8	35.0	35.0	34.5	34.1	34.0	33.8	33.5	33.5	33.4	33.2	33.0	32.9	32.7	32.5
26.0			33.1/25.5	31.4	31.3	30.9	30.5	30.3	30.1	29.8	29.8	29.7	29.5	29.3	29.2	29.0	28.8
28.0				28.6	28.3	27.9	27.4	27.3	27.0	26.8	26.7	26.6	26.4	26.2	26.0	25.8	25.6
30.0				28.4/28.1	25.8	25.3	24.9	24.7	24.4	24.1	24.1	24.0	23.7	23.5	23.4	23.2	23.0
32.0					24.8/30.8	23.1	22.8	22.5	22.2	22.0	21.8	21.7	21.5	21.3	21.1	20.9	20.7
34.0						21.5/33.4	20.9	20.6	20.3	20.1	19.9	19.7	19.5	19.3	19.1	18.9	18.7
36.0							19.4	19.0	18.7	18.5	18.2	18.0	17.8	17.6	17.4	17.2	17.0
38.0								17.6	17.2	17.1	16.7	16.5	16.3	16.0	15.9	15.7	15.4
40.0								17.2/38.7	16.0	15.8	15.4	15.2	14.9	14.7	14.5	14.3	14.1
42.0									15.3/41.3	14.7	14.3	14.0	13.7	13.5	13.3	13.1	12.8
44.0										13.2	13.2	13.0	12.6	12.5	12.2	12.0	11.7
46.0											12.3	12.1	11.7	11.6	11.3	11.0	10.8
48.0											12.1/46.6	11.2	10.8	10.7	10.4	10.1	9.9
50.0												10.8/49.2	10.1	9.9	9.7	9.4	9.1
52.0													9.5/51.9	9.2	8.9	8.6	8.4
54.0														8.6	8.2	7.9	7.7
56.0														8.5/54.5	7.6	7.3	7.1
58.0															7.2/57.2	6.8	6.5
60.0																6.3/59.8	6.0
62.0																	5.5
64.0																	5.4/62.4

SCX2500, lifting chart 360deg, main boom Light Tapered Top

Summary chart based on USA- standard

93.7t upper counterweight + 14.0t lower weight

Unit: t

	Main boom with light tapered top acc. ANSI B30.5(1989) & SAE J987(2003)					
Boom length(m)	73.15	76.20	79.25	82.30	85.35	88.40
Reeved lines	4	3	3	3	3	2
Wind(m/sec)	11	11	11	11	11	11
Radius(m)						
14.0	45.5/ 14.5	39.8/ 15.0	35.2/ 15.5			
16.0	44.3	39.1	34.9	31.1/ 16.1	28.2/ 16.5	24.6/ 17.0
18.0	42.9	37.7	33.7	30.1	27.4	24.2
20.0	39.3	36.5	32.6	29.1	26.5	23.3
22.0	37.7	34.3	31.6	28.2	25.6	22.6
24.0	33.2	33.2	30.5	27.3	24.9	21.9
26.0	29.6	29.5	29.5	26.6	24.1	21.2
28.0	26.5	26.7	26.4	24.8	23.4	20.6
30.0	23.8	23.7	23.6	23.6	22.7	20.2
32.0	21.7	21.6	21.5	21.5	21.4	19.5
34.0	19.8	19.7	19.6	19.5	19.5	19.0
36.0	18.1	18.1	18.1	18.0	18.0	17.6
38.0	16.5	16.5	16.5	16.3	16.3	16.3
40.0	15.2	15.2	15.2	15.1	15.1	15.1
42.0	14.0	14.0	14.0	13.8	13.8	13.8
44.0	12.9	12.9	12.9	12.8	12.8	12.8
46.0	12.0	11.9	11.9	11.8	11.8	11.8
48.0	11.1	11.0	11.0	10.9	10.9	10.9
50.0	10.3	10.2	10.2	10.1	10.1	10.1
52.0	9.5	9.4	9.4	9.4	9.3	9.3
54.0	8.9	8.8	8.8	8.7	8.7	8.7
56.0	8.2	8.2	8.2	8.1	8.1	8.1
58.0	7.7	7.6	7.6	7.6	7.5	7.5
60.0	7.2	7.1	7.1	7.0	7.0	6.9
62.0	6.7	6.7	6.7	6.6	6.5	6.5
64.0	6.2	6.1	6.1	6.0	6.0	5.9
66.0	5.5/ 64.9	5.8	5.8	5.7	5.7	5.7
68.0		5.5/ 67.5	5.4	5.4	5.3	5.2
70.0			5.0	4.9	4.9	4.8
72.0			4.9/ 70.2	4.5	4.5	4.5
74.0				4.4/ 72.8	4.2	4.1
76.0					4.0/ 74.8	3.8
78.0						3.6/ 77.4

SCX2500, lifting chart 360deg, main boom hammerhead with short jib

Summary chart based on USA- standard

87.7t upper counterweight + 14.0t lower weight

Unit: t

Boom length(m)	15.25	18.30
Reeved lines	20	18
Wind(m/ sec)		
Radius(m)	17	17
4.5	249.4	
5.0	230.4	214.4/ 5.4
6.0	190.4	190.4
7.0	163.4	163.4
8.0	143.4	143.4
9.0	127.4	127.4
10.0	114.4	114.4
12.0	90.2	90.0
14.0	73.3	73.1
16.0	65.7/ 14.9	61.5
18.0		54.6/ 17.5

SCX2500, lifting chart 360deg, main boom hammerhead with short jib

Summary chart based on USA- standard

93.7t upper counterweight + 14.0t lower weight
Unit: t

Main boom with hammerhead acc. ANSI B30.5(1989) & SAE J987(2003)																	
Boom length(m)	21.35	24.40	27.45	30.50	33.50	36.55	39.60	42.65	45.70	48.75	51.80	54.85	57.90	60.95	64.00	67.05	70.10
Reeved lines	16	14	12	12	10	9	9	8	7	7	6	6	5	5	5	4	4
Wind(m/sec)																	
Radius(m)	17	14	14	14	14	14	14	11	11	11	11	11	11	11	11	11	11
5.0	192.4/5.9																
6.0	190.4	177.4/6.4															
7.0	163.4	162.4	157.4	150.4/7.5													
8.0	143.4	143.4	143.4	143.4	129.4	118.4/8.5											
9.0	127.4	126.4	126.4	126.4	125.4	117.4	116.4/9.1	107.4/9.6									
10.0	114.4	114.4	114.4	114.4	114.4	114.4	114.4	107.4	93.9/10.1	92.7/10.7	80.4/11.2	79.8/11.7					
12.0	92.0	91.3	91.3	91.2	91.1	91.1	91.0	90.9	90.7	90.6	80.4	78.8	66.4/12.2	65.1/12.8	63.0/13.3	53.4/13.8	
14.0	73.8	73.4	73.2	73.2	73.1	72.9	72.5	72.5	72.3	72.2	72.1	71.9	62.7	62.6	61.9	53.4	52.6/14.4
16.0	61.5	61.0	60.8	60.6	60.6	60.2	59.8	59.7	59.5	59.4	59.4	59.2	59.2	59.0	58.6	50.0	49.6
18.0	52.4	52.0	51.8	51.3	51.3	50.9	50.5	50.4	50.3	50.1	50.1	50.0	49.9	49.6	49.4	48.2	48.0
20.0	45.5	45.1	44.9	44.3	44.3	43.9	43.5	43.4	43.2	43.0	43.0	42.8	42.7	42.5	42.3	42.2	42.0
22.0	44.8/20.2	39.8	39.6	38.8	38.8	38.4	38.0	37.9	37.6	37.4	37.4	37.3	37.1	36.9	36.8	36.6	36.4
24.0		37.6/22.8	35.2	34.4	34.4	33.9	33.5	33.4	33.2	32.9	32.9	32.8	32.6	32.4	32.3	32.1	31.9
26.0			32.5/25.5	30.8	30.7	30.3	29.9	29.7	29.5	29.2	29.2	29.1	28.9	28.7	28.6	28.4	28.2
28.0				28.0	27.7	27.3	26.8	26.7	26.4	26.2	26.1	26.0	25.8	25.6	25.4	25.2	25.0
30.0				27.8/28.1	25.2	24.7	24.3	24.1	23.8	23.5	23.5	23.4	23.1	22.9	22.8	22.6	22.4
32.0					24.2/30.8	22.5	22.2	21.9	21.6	21.4	21.2	21.1	20.9	20.7	20.5	20.3	20.1
34.0						20.9/33.4	20.3	20.0	19.7	19.5	19.3	19.1	18.9	18.7	18.5	18.3	18.1
36.0							18.8	18.4	18.1	17.9	17.6	17.4	17.2	17.0	16.8	16.6	16.4
38.0								17.0	16.6	16.5	16.1	15.9	15.7	15.4	15.3	15.1	14.8
40.0								16.6/38.7	15.4	15.2	14.8	14.6	14.3	14.1	13.9	13.7	13.5
42.0									14.7/41.3	14.1	13.7	13.4	13.1	12.9	12.7	12.5	12.2
44.0										12.6	12.6	12.4	12.0	11.9	11.6	11.4	11.1
46.0											11.7	11.5	11.1	11.0	10.7	10.4	10.2
48.0											11.5/46.6	10.6	10.2	10.1	9.8	9.5	9.3
50.0												10.2/49.2	9.5	9.3	9.1	8.8	8.5
52.0													8.9/51.9	8.6	8.3	8.0	7.8
54.0														8.0	7.6	7.3	7.1
56.0														7.9/54.5	7.0	6.7	6.5
58.0															6.6/57.2	6.2	5.9
60.0																5.7/59.8	5.4
62.0																	4.9
64.0																	4.8/62.4

SCX2500, lifting chart 360deg, short jib

Summary chart based on USA- standard

87.7t upper counterweight + 14.0t lower weight

Unit: t

Boom length(m)	15.25	18.30
Reeved lines	1	1
Wind(m/sec)		
Radius(m)	17	17
5.0	13.5/5.6	
6.0	13.5	13.5/6.1
7.0	13.5	13.5
8.0	13.5	13.5
9.0	13.5	13.5
10.0	13.5	13.5
12.0	13.5	13.5
14.0	13.5	13.5
16.0	13.5	13.5
18.0	13.5/16.3	13.5
20.0		13.5/18.9

SCX2500, lifting chart 360deg, short jib

Summary chart based on USA- standard

93.7t upper counterweight + 14.0t lower weight

Unit: t

	Main boom with hammerhead acc. ANSI B30.5(1989) & SAE J987(2003)																
Boom length(m)	21.35	24.40	27.45	30.50	33.50	36.55	39.60	42.65	45.70	48.75	51.80	54.85	57.90	60.95	64.00	67.05	70.10
Reeved lines	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Wind(m/sec)																	
Radius(m)	17	14	14	14	14	14	14	11	11	11	11	11	11	11	11	11	11
6.0	13.5/6.7																
7.0	13.5	13.5/7.2	13.5/7.7														
8.0	13.5	13.5	13.5	13.5/8.3	13.5/8.8												
9.0	13.5	13.5	13.5	13.5	13.5	13.5/9.3	13.5/9.8										
10.0	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5/10.4	13.5/10.9	13.5/11.4							
12.0	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5/12.5	13.5/13.5	13.5/13.5			
14.0	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5/14.1	13.5/14.6	13.5/15.1
16.0	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
18.0	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
20.0	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
22.0	13.5/21.6	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
24.0		13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
26.0		13.5/24.2	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
28.0			13.5/26.8	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
30.0				13.5/29.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
32.0					13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
34.0					13.5/32.1	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
36.0						13.5/34.8	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
38.0							13.5/37.4	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
40.0								13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
42.0								13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.3	13.1	12.8
44.0								13.5/42.7	13.2	13.2	13.0	12.6	12.5	12.2	12.0	11.7	
46.0									13.0/45.3	12.3	12.1	11.7	11.6	11.3	11.0	10.8	
48.0										11.4	11.2	10.8	10.7	10.4	10.1	9.9	
50.0											10.3	10.1	9.9	9.7	9.4	9.1	
52.0											10.0/50.6	9.4	9.2	8.9	8.6	8.4	
54.0												8.9/53.2	8.6	8.2	7.9	7.7	
56.0													7.0/55.9	7.6	7.3	7.1	
58.0														7.0	6.8	6.5	
60.0														6.8/58.5	6.3	6.0	
62.0															5.9/61.2	5.5	
64.0																5.1/63.5	

SCX2500, luffing jib ratings 360 deg

Summary chart acc. ANSI B30.5 & SAE J987

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

Jib length (m)	tower 21.35m																			
	21.35				24.40				27.45				30.50				33.50			
Tower angle (°)	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65
Reeved lines	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	5	5	5	5
Wind(m/sec) Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
9.0	70.0/9.3																			
10.0	70.0				69.8/10.2															
11.0	70.0	69.5/11.5			69.5				68.3/11.1											
12.0	63.9	68.5			69.2	69.0/12.6			66.9				68.7				62.4/12.9			
13.0	57.0	65.2			65.7	68.6			65.5	65.6/13.6			68.3				61.3			
14.0	51.3	58.2			59.3	67.0			64.3	65.1			67.5	67.6/14.6			59.6			
15.0	44.9	52.3			53.9	60.5			61.3	63.9			64.9	67.2			57.4	60.1/15.7		
16.0	37.6	47.4			49.3	55.0			56.2	62.4			62.2	62.1			55.6	59.7		
18.0	31.6	41.9	52.6/18.5		44.3	46.1			47.9	52.7			53.7	53.8			53.4	55.5		
20.0	26.3	35.3	47.1		37.9	41.8	47.6		43.9	45.3	43.4/21.5		46.5	47.1			46.9	48.5		
22.0	25.1	29.7	39.6		32.6	36.0	42.2		38.3	41.8	42.1		42.4	41.8	39.6/23.1		41.8	43.1		
24.0	23.9/23.4	26.2	33.6		27.9	31.0	37.9		33.4	36.5	37.8		38.2	37.5	37.5		37.6	38.7	36.3/24.6	
26.0		24.6/24.5	30.4	33.3	24.8	26.4	34.4	31.8/26.9	29.2	32.0	34.3		34.7	34.0	34.0		34.1	35.0	33.9	
28.0			25.1	30.4	24.0/26.3	24.6/27.4	31.4	30.3	26.9	27.9	31.3	29.0/28.9	31.0	31.0	31.1		31.2	32.0	31.0	
30.0			24.8/28.1	28.0			27.2	27.8	23.8/29.3	25.4	28.8	27.7	27.5	28.5	28.6	26.8/30.8	28.1	29.9	28.5	
32.0				26.3/31.6			24.6/31.1	25.7		24.4/30.4	26.6	25.6	24.0	25.2	26.4	25.6	25.2	27.1	26.4	24.7/32.8
34.0								23.9			24.6	23.8	23.6/32.2	24.4/33.3	24.6	23.8	22.4	24.3	24.5	23.6
36.0								23.5/34.5				22.2			22.9	22.2	20.7/35.2	21.4	22.8	22.0
38.0												21.2/37.5			22.3/37.0	20.8		21.0/36.3	21.3	20.6
40.0																19.5			20.1/39.9	19.3
42.0																19.2/40.4				18.2
44.0																				17.5/43.4

SCX2500, luffing jib ratings 360 deg

Summary chart acc. ANSI B30.5 & SAE J987

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

Jib length (m)	tower 21.35m																			
	36.55				39.60				42.65				45.70				48.75			
Tower angle (°)	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65
Reeved lines	4	4	4	4	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3
Wind(m/sec) Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
13.0	53.7/13.8																			
14.0	53.5				45.2/14.7															
15.0	52.5				45.2				40.2/15.6											
16.0	51.7	51.4/16.7			44.4	43.4/17.8			39.9				33.9/16.5				29.8/17.4			
18.0	50.2	50.3			43.1	43.3			38.6	38.3			33.1	32.4/19.8			29.4			
20.0	46.3	47.2			42.0	42.0			37.5	37.6			32.1	32.3			28.6	28.3/20.9		
22.0	41.1	42.9			40.5	41.0			36.6	36.5			31.3	31.3			27.8	27.8		
24.0	37.0	38.5			36.5	38.6			35.9	35.6			30.6	30.5			27.1	27.0		
26.0	33.5	35.3	33.6/26.1		33.1	34.9	31.2/27.6		32.8	34.6			30.1	29.9			26.6	26.4		
28.0	30.7	32.2	30.8		30.2	31.7	30.6		29.9	31.4	29.1/29.2		29.6	29.3			26.1	25.9		
30.0	28.2	29.5	28.3		27.8	29.0	28.1		27.5	28.8	28.1		27.2	28.4	27.1/30.7		25.8	25.5		
32.0	25.6	27.1	26.1		25.6	26.7	25.9		25.4	26.5	25.9		25.1	26.2	25.7		24.9	25.1	24.5/32.2	
34.0	23.1	24.7	24.2	22.8/34.8	23.4	24.7	24.1		23.6	24.5	24.0		23.3	24.2	23.8		23.1	24.0	23.7	
36.0	20.8	22.4	22.6	21.9	21.3	22.7	22.4	21.2/36.7	21.6	22.8	22.4		21.6	22.5	22.2		21.5	22.3	22.1	
38.0	18.3	20.0	21.1	20.5	19.3	20.6	20.9	20.3	19.7	21.0	20.9	19.6/38.7	19.9	20.9	20.7		20.0	20.8	20.6	
40.0	18.2/38.1	18.7/39.2	19.8	19.2	17.3	18.7	19.6	19.0	18.0	19.2	19.6	18.8	18.3	19.4	19.4	18.4/40.6	18.5	19.4	19.3	
42.0			18.6	18.1	16.3/41.0	16.6	18.5	17.9	16.3	17.5	18.4	17.7	16.8	17.8	18.2	17.6	17.1	18.0	18.1	17.1/42.6
44.0			18.3/42.9	17.0		16.5/42.2	17.4	16.9	14.5	15.8	17.4	16.7	15.3	16.3	17.2	16.6	15.7	16.6	17.1	16.4
46.0				16.1			16.7/45.8	16.0		14.9/45.1	16.4	15.8	13.8	14.9	16.2	15.6	14.4	15.3	16.2	15.5
48.0				16.0/46.3				15.1			15.6	14.9	13.1/46.9	13.3	15.3	14.8	13.1	14.1	15.4	14.6
50.0							14.6/49.3				15.3/48.7	14.2			14.5	14.0	11.8/49.9	12.7	14.6	13.9
52.0												13.5			14.1/51.7	13.3		12.1/51.0	13.9	13.2
54.0												13.4/52.2				12.7			13.2	12.5
56.0																12.3/55.1			13.1/54.6	11.9
58.0																				11.4
60.0																				11.3/58.1

SCX2500, luffing jib ratings 360 deg

Summary chart acc. ANSI B30.5 & SAE J987

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

Jib length (m)	tower 21.35m															
	51.80				54.85				57.90				60.95			
Tower angle (°)	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65
Reeved lines	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2
Wind(m/sec) Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
18.0	28.4/18.3				25.0/19.1											
20.0	27.6	26.9/21.9			24.6				21.8				19.2/20.9			
22.0	26.7	26.9			23.8	23.6/23.0			21.2				18.9			
24.0	26.0	26.0			23.2	23.3			20.5	20.6			18.2	18.0/25.1		
26.0	25.4	25.4			22.5	22.5			19.9	20.0			17.7	17.8		
28.0	24.8	24.7			22.0	22.0			19.4	19.4			17.1	17.2		
30.0	24.4	24.2			21.5	21.4			18.8	18.9			16.7	16.7		
32.0	24.0	23.7	23.2/33.7		21.2	21.0			17.7	18.3			15.8	16.2		
34.0	23.1	23.4	23.1		20.9	20.6	20.1/35.3		16.8	17.2			14.9	15.5		
36.0	21.4	22.3	21.9		20.6	20.3	19.9		15.9	16.3	17.4/36.8		14.1	14.6		
38.0	20.0	20.7	20.5		19.8	20.1	19.4		15.1	15.6	17.0		13.4	13.8	15.0/38.3	
40.0	18.7	19.4	19.3		18.5	19.1	19.1		14.4	14.8	16.2		12.7	13.2	14.5	
42.0	17.4	18.2	18.1		17.3	17.9	18.0		13.8	14.1	15.5		12.2	12.5	13.7	
44.0	16.1	17.0	17.1	15.9/44.6	16.1	16.8	17.0		13.2	13.5	14.7		11.6	11.9	13.0	
46.0	14.9	15.7	16.1	15.3	15.0	15.8	16.0	15.0/46.5	12.7	12.9	14.0		11.1	11.4	12.4	
48.0	13.7	14.6	15.3	14.5	13.9	14.7	15.2	14.3	12.3	12.5	13.4	14.2/48.5	10.6	11.0	11.8	
50.0	12.6	13.4	14.5	13.7	12.8	13.6	14.4	13.6	11.8	12.1	12.9	13.6	10.3	10.5	11.3	12.2/50.4
52.0	11.4	12.3	13.7	13.0	11.8	12.6	13.6	12.9	11.5	11.6	12.4	12.9	10.0	10.1	10.8	11.7
54.0	10.9/52.8	11.1/53.9	13.1	12.4	10.8	11.6	13.0	12.2	11.2	11.4	11.9	12.3	9.6	9.7	10.4	11.2
56.0			12.4	11.8	9.9/55.8	10.5	12.3	11.6	10.3	10.9	11.6	11.7	9.4	9.5	10.1	10.7
58.0			12.0/57.6	11.2		10.1/56.9	11.8	11.1	9.3	10.0	11.3	11.1	9.2	9.3	9.7	10.3
60.0				10.7			11.3	10.6	8.8/58.7	9.2/59.8	11.1	10.6	8.9	9.1	9.5	10.0
62.0				10.5/61.0			11.1/60.5	10.1			10.8	10.1	8.2/61.7	8.6	9.3	9.6
64.0								9.7			10.3/63.5	9.6		8.3/62.8	9.1	9.4
66.0												9.2			9.1	9.1
68.0												9.0/66.9			9.1/66.4	8.7
70.0																8.4/69.9

SCX2500, luffing jib ratings 360 deg

Summary chart acc. ANSI B30.5 & SAE J987

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

Jib length (m)	tower 24.40m																			
	21.35				24.40				27.45				30.50				33.50			
Tower angle (°)	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65
Reeved lines	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	5	5	5	5
Wind(m/sec) Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
9.0	69.6/9.4																			
10.0	69.5				69.4/10.3															
11.0	69.3	68.9/11.8			69.1				67.6/11.2											
12.0	64.7	68.7			68.6	68.2/12.8			66.4				68.3/12.1							
13.0	57.7	67.3			66.5	68.1			65.1	65.0/13.9			67.8				59.6			
14.0	51.8	63.3			59.9	67.7			63.9	64.9			65.4	65.1/14.9			59.0			
15.0	46.9	53.8			54.4	62.1			61.9	63.5			62.9	65.1			58.3	58.0/15.9		
16.0	42.7	48.6			49.7	56.3			56.7	62.3			60.6	62.7			56.4	58.0		
18.0	37.9	40.4	49.0/19.3		44.7	47.2			48.3	53.8			54.1	55.4			51.7	54.2		
20.0	31.9	36.1	46.8		38.2	40.1	44.5/20.8		44.3	46.1			46.9	48.5			48.7	48.5		
22.0	26.6	30.4	40.3		32.9	36.7	41.5		38.5	40.0	41.0/22.3		43.4	43.1	37.1/23.9		43.3	43.0		
24.0	24.0/23.5	25.2	35.8		28.1	31.6	37.3		33.7	37.2	37.4		39.0	38.7	37.0		38.9	38.6	34.3/25.4	
26.0		24.4/24.8	32.4	32.3/26.3	25.1	27.0	33.8		29.4	32.6	33.9		34.9	35.1	33.5		34.9	35.0	33.4	
28.0			27.3	29.9	24.0/26.4	24.5/27.7	30.9	29.5/28.2	25.3	28.4	31.0		31.1	32.1	30.6		31.3	32.0	30.5	
30.0			24.8/28.9	27.5			28.9	27.3	23.8/29.4	26.1	28.5	27.1/30.2	27.7	29.3	28.1		28.2	29.4	28.0	
32.0				25.4			24.5/31.9	25.3		24.6/30.6	26.3	25.3	24.1	25.7	26.0	25.0/32.1	25.3	27.4	25.9	
34.0				24.5/32.9				23.4			24.4	23.5	23.5/32.3	22.8/33.6	24.1	23.3	22.5	24.6	24.0	23.0/34.1
36.0								22.0/35.8			23.8/34.8	21.9			22.5	21.7	20.6/35.3	21.8	22.4	21.5
38.0												20.5			21.2/37.8	20.3		21.0/36.5	21.0	20.1
40.0											20.0/38.8					19.1			19.7	18.9
42.0																18.1/41.7			19.3/40.7	17.8
44.0																				16.8
46.0																				16.4/44.7

SCX2500, luffing jib ratings 360 deg

Summary chart acc. ANSI B30.5 & SAE J987

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

Jib length (m)	tower 24.40m																			
	36.55				39.60				42.65				45.70				48.75			
Tower angle (°)	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65
Reeved lines	4	4	4	4	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3
Wind(m/sec) Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
13.0	51.7/13.9																			
14.0	51.5				44.9/14.8															
15.0	51.0				44.7				39.7/15.7											
16.0	50.4	50.8/17.0			44.0				39.4				33.6/16.6				29.4/17.5			
18.0	49.1	49.9			42.6	43.0			38.1	37.9/19.1			32.7				29.2			
20.0	46.4	47.4			41.5	41.6			37.0	37.2			31.9	32.0/20.1			28.3	28.0/21.2		
22.0	42.7	43.1			40.5	40.5			36.1	36.1			31.0	31.1			27.5	27.7		
24.0	38.4	38.7			37.9	38.2			35.5	35.3			30.3	30.3			26.8	26.9		
26.0	34.7	35.1	31.8/26.9		34.3	34.6			34.0	34.6			29.9	29.7			26.4	26.2		
28.0	31.3	32.0	30.3		31.2	31.6	29.8/28.4		31.1	31.6			29.4	29.1			25.9	25.7		
30.0	28.3	29.5	27.9		28.3	29.0	27.8		28.3	29.3	27.8		28.2	28.7	26.1/31.5		25.6	25.3		
32.0	25.7	27.2	25.7		25.7	26.8	25.7		25.8	26.8	25.6		25.8	26.6	25.6		25.4	24.9	24.3/33.0	
34.0	23.2	25.0	23.9		23.5	25.1	23.8		23.6	25.2	23.7		23.6	24.6	23.7		23.7	24.5	23.7	
36.0	20.9	22.6	22.2	21.3/36.1	21.4	22.9	22.2		21.6	23.1	22.1		21.7	22.9	22.1		21.8	22.7	22.0	
38.0	18.4	20.3	20.8	20.0	19.4	20.9	20.7	19.9	19.8	21.2	20.6		20.0	21.3	20.7		20.1	21.2	20.6	
40.0	18.1/38.2	18.6/39.5	19.5	18.8	17.4	18.9	19.5	18.6	18.1	19.4	19.3	18.4	18.3	19.6	19.4	17.2/41.9	18.5	19.7	19.3	
42.0			18.4	17.7	16.3/41.1	16.9	18.3	17.5	16.4	17.7	18.2	17.3	16.8	18.0	18.3	17.2	17.1	18.2	18.1	16.0/43.9
44.0			17.6/43.6	16.7		16.4/42.4	17.3	16.5	14.6	16.0	17.1	16.3	15.3	16.5	17.2	16.2	15.8	16.8	17.0	16.0
46.0				15.8			16.4	15.6	14.5/44.1	14.8/45.4	16.2	15.4	13.8	15.0	16.3	15.3	14.5	15.5	16.1	15.1
48.0				15.1/47.6			16.1/46.6	14.8			15.4	14.6	13.0/47.0	13.5	15.4	14.5	13.2	14.2	15.2	14.3
50.0							14.0				14.8/49.5	13.8		13.2/48.3	14.6	13.7	11.7	12.9	14.4	13.5
52.0							13.8/50.5					13.1			13.9	13.0		12.0/51.3	13.7	12.8
54.0												12.7/53.5			13.7/52.5	12.4			13.1	12.2
56.0																11.8			12.6/55.4	11.6
58.0																11.7/56.4				11.2
60.0																				10.7/59.4

SCX2500, luffing jib ratings 360 deg

Summary chart acc. ANSI B30.5 & SAE J987

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

Jib length (m)	tower 24.40m															
	51.80				54.85				57.90				60.95			
Tower angle (°)	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65
Reeved lines	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2
Wind(m/sec) Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
18.0	28.2/18.4				24.8/19.3											
20.0	27.3				24.5				21.7/20.1				19.1/21.0			
22.0	26.6	26.7/22.2			23.6	23.4/23.2			21.0				18.7			
24.0	25.8	25.9			22.9	23.2			20.3	20.4/24.3			18.1	17.9/25.3		
26.0	25.1	25.1			22.4	22.4			19.8	19.9			17.6	17.7		
28.0	24.6	24.6			21.8	21.8			19.2	19.3			17.0	17.1		
30.0	24.2	24.0			21.4	21.3			18.8	18.8			16.6	16.6		
32.0	23.8	23.6			21.0	20.9			17.8	18.3			15.9	16.1		
34.0	23.6	23.2	22.9/34.5		20.6	20.4			16.8	17.3			15.0	15.6		
36.0	22.0	22.5	21.8		20.4	20.1	20.0/36.1		15.9	16.5	17.1/37.6		14.1	14.7		
38.0	20.4	21.6	20.4		20.3	19.9	19.4		15.1	15.6	17.1		13.4	13.9	14.9/39.1	
40.0	18.8	20.0	19.1		18.8	19.8	19.0		14.5	14.9	16.6		12.7	13.2	14.7	
42.0	17.4	18.5	17.9		17.4	18.4	17.8		13.8	14.1	15.7		12.2	12.5	13.9	
44.0	16.2	17.1	16.9	15.0/45.9	16.2	17.1	16.8		13.2	13.6	14.9		11.6	11.9	13.3	
46.0	14.9	15.9	15.9	14.9	15.0	15.9	15.8	14.1/47.8	12.7	13.0	14.3		11.1	11.4	12.6	
48.0	13.8	14.7	15.1	14.1	13.9	14.8	14.9	14.0	12.3	12.5	13.6	13.3/49.8	10.6	11.0	12.1	
50.0	12.6	13.5	14.3	13.3	12.9	13.7	14.2	13.2	11.8	12.1	13.0	13.3	10.3	10.5	11.5	12.2/51.7
52.0	11.4	12.4	13.5	12.7	11.9	12.7	13.4	12.5	11.5	11.7	12.6	12.6	10.0	10.2	11.0	12.1
54.0	10.8/52.9	11.2	12.9	12.0	10.8	11.7	12.8	11.9	11.2	11.4	12.2	11.9	9.6	9.9	10.5	11.5
56.0		11.1/54.2	12.3	11.4	9.7/55.9	10.6	12.2	11.3	10.3	11.0	11.7	11.4	9.4	9.5	10.2	11.0
58.0			11.7	10.9		10.1/57.1	11.6	10.8	9.3	10.1	11.4	10.8	9.2	9.3	9.9	10.5
60.0			11.6/58.4	10.4			11.1	10.3	8.9/58.8	9.1	10.9	10.3	8.9	9.1	9.5	10.2
62.0				10.0			10.8/61.3	9.8		9.1/60.1	10.4	9.8	8.1/61.8	8.7	9.3	9.7
64.0				9.9/62.3				9.4			10.0	9.4		8.4/63.0	9.1	9.3
66.0								9.1/65.3			9.9/64.3	9.0			9.1	8.9
68.0												8.6			9.1/67.2	8.5
70.0												8.5/68.2				8.1
72.0																7.9/71.2

SCX2500, luffing jib ratings 360 deg

Summary chart acc. ANSI B30.5 & SAE J987

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

Jib length (m)	tower 27.45m																			
	21.35				24.40				27.45				30.50				33.50			
Tower angle (°)	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65
Reeved lines	6	6	6	6	6	6	6	6	5	5	5	5	5	5	5	5	5	5	5	5
Wind(m/sec) Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
9.0	69.5/9.6																			
10.0	69.4				69.2/10.4															
11.0	69.2				69.0				66.8/11.3											
12.0	65.8	68.6			68.5				65.8				65.2/12.2							
13.0	58.3	68.1			67.2	67.8/13.1			64.5				64.9				56.7/13.1			
14.0	52.4	61.7			60.6	67.4			63.3	64.3/14.1			63.4				55.9			
15.0	47.4	55.3			55.0	63.8			62.2	63.2			61.1	62.9/15.2			54.9			
16.0	43.1	49.9			50.2	57.8			57.2	62.0			58.9	61.0			53.8	56.2/16.2		
18.0	38.3	41.4			42.4	48.3			48.7	55.0			54.5	55.3			51.4	53.0		
20.0	32.2	36.9	46.3/20.1		38.5	41.0	42.2/21.6		44.6	47.1			47.2	48.4			48.5	48.4		
22.0	26.9	31.1	41.5		33.1	37.4	41.3		38.8	40.8	39.0/23.1		43.6	43.0			43.7	42.9		
24.0	24.0/23.6	25.9	37.3		28.4	32.2	37.1		33.9	37.8	37.2		39.2	38.6	35.9/24.6		39.2	38.6		
26.0		24.7/25.0	33.8	30.0/27.5	25.4	27.6	33.6		29.6	33.2	33.7		35.1	35.0	33.5		35.1	34.9	33.0/26.2	
28.0			29.3	29.3	24.0/26.5	24.4	30.7	27.3/29.5	25.6	29.0	30.8		31.4	32.0	30.6		31.5	31.9	30.4	
30.0			24.7/29.7	26.9			28.2	26.8	23.8/29.5	24.9	28.3	25.3/31.5	27.9	29.8	28.1		28.4	29.3	27.9	
32.0				24.9			26.1	24.7		24.5/30.9	26.1	24.8	24.4	26.2	26.0	23.3/33.4	25.5	27.1	25.8	
34.0				23.1			24.5/32.7	23.0			24.3	23.0	23.7/32.4	22.7/33.9	24.1	22.8	22.7	25.0	23.9	21.5/35.4
36.0				22.9/34.2				21.4			23.0/35.6	21.4			22.5	21.3	20.7/35.4	22.2	22.3	21.1
38.0								20.6/37.1				20.1			21.1	19.9		21.1/36.8	20.9	19.7
40.0												18.8			20.7/38.5	18.7			19.6	18.5
42.0												18.7/40.1				17.6			18.7/41.5	17.4
44.0																17.1/43.0				16.4
46.0																				15.7/45.9

SCX2500, luffing jib ratings 360 deg

Summary chart acc. ANSI B30.5 & SAE J987

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

Jib length (m)	tower 27.45m																			
	36.55				39.60				42.65				45.70				48.75			
Tower angle (°)	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65
Reeved lines	4	4	4	4	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3
Wind(m/sec) Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
14.0	49.4				43.5/14.9															
15.0	48.8				43.0				38.5/15.8											
16.0	48.2	50.2/17.3			42.1				38.1				33.2/16.7				29.2/17.6			
18.0	47.6	49.2			41.2	42.4/18.3			37.4	37.5/19.3			32.5				28.9			
20.0	45.4	46.4			40.3	41.3			36.7	37.0			31.5	31.6/20.4			28.0	27.7/21.4		
22.0	43.0	42.7			39.4	40.2			35.8	35.9			30.8	30.9			27.2	27.5		
24.0	38.9	38.2			38.0	38.4			35.2	35.0			30.1	30.0			26.6	26.7		
26.0	34.9	34.7	30.7/27.7		34.7	34.7			34.1	34.3			29.5	29.3			26.0	26.0		
28.0	31.5	31.7	30.3		31.4	31.7	28.9/29.2		31.3	32.0			29.1	28.9			25.6	25.5		
30.0	28.5	29.1	27.8		28.5	29.1	27.6		28.5	29.4	26.6/30.7		28.4	28.4			25.3	25.0		
32.0	25.8	26.9	25.7		25.9	26.8	25.5		26.0	27.1	25.5		25.9	26.9	25.1/32.3		25.0	24.7	23.5/33.8	
34.0	23.4	25.4	23.8		23.6	24.9	23.6		23.8	25.2	23.6		23.8	25.0	23.5		23.8	24.5	23.4	
36.0	21.0	23.0	22.2	20.0/37.3	21.5	23.2	22.0		21.8	23.3	22.0		21.8	23.2	21.9		21.9	23.1	21.7	
38.0	18.6	20.7	20.7	19.6	19.5	21.2	20.6	18.6/39.3	19.9	21.4	20.6		20.1	21.7	20.4		20.2	21.6	20.3	
40.0	18.2/38.3	18.739.7	19.5	18.4	17.5	19.2	19.3	18.2	18.2	19.7	19.3	17.2/41.3	18.4	19.8	19.2		18.6	19.8	19.0	
42.0			18.3	17.3	16.2/41.3	17.2	18.2	17.1	16.5	17.9	18.1	16.9	16.9	18.2	18.0	16.2/43.2	17.2	18.4	17.8	
44.0			17.3	16.3		16.5/42.7	17.1	16.1	14.7	16.3	17.1	15.9	15.4	16.7	17.0	15.8	15.8	17.0	16.8	15.1/45.2
46.0			17.1/44.4	15.4			16.2	15.2	14.5/44.2	14.9/45.6	16.1	15.0	13.9	15.3	16.0	14.9	14.5	15.7	15.9	14.7
48.0				14.6			15.6/47.4	14.4			15.3	14.2	13.0/47.1	13.7	15.2	14.1	13.2	14.4	15.0	13.9
50.0				14.2/48.9				13.7			14.5	13.4		13.3/48.6	14.4	13.3	11.9	13.1	14.2	13.2
52.0								13.1/51.8			14.4/50.3	12.8			13.7	12.6	11.8/50.1	12.1/51.5	13.5	12.5
54.0												12.1			13.3/53.3	12.0			12.9	11.8
56.0												11.9/54.8				11.4			12.3	11.3
58.0																11.0/57.7			12.2/56.2	10.7
60.0																				10.2
62.0																				10.1/60.7

SCX2500, luffing jib ratings 360 deg

Summary chart acc. ANSI B30.5 & SAE J987

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

Jib length (m)	tower 27.45m															
	51.80				54.85				57.90				60.95			
Tower angle (°)	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65
Reeved lines	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2
Wind(m/sec)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
Radius(m)	18.0	27.6/18.5			24.6/19.4											
	20.0	27.2			24.3				21.5/20.2				18.9/21.1			
	22.0	26.4	26.5/22.5		23.5	23.3/23.5			20.9				18.5			
	24.0	25.6	25.8		22.8	23.1			20.2	20.2/24.5			18.0	17.8/25.6		
	26.0	24.9	25.0		22.2	22.3			19.6	19.8			17.4	17.6		
	28.0	24.4	24.4		21.6	21.7			19.1	19.2			16.9	17.0		
	30.0	23.9	23.8		21.2	21.2			18.7	18.7			16.5	16.6		
	32.0	23.6	23.4		20.9	20.7			17.8	18.2			15.9	16.1		
	34.0	23.4	23.1	22.1/35.3	20.5	20.3			16.8	17.4			15.0	15.7		
	36.0	22.1	22.8	21.6	20.3	20.0	19.8/36.8		15.9	16.6			14.1	14.8		
	38.0	20.5	21.4	20.1	20.1	19.8	19.4		15.1	15.7	17.0/38.4		13.5	13.9	14.7/39.9	
	40.0	18.9	20.2	18.8	18.9	19.6	18.7		14.5	14.9	16.7		12.8	13.3	14.7	
	42.0	17.5	18.7	17.7	17.5	18.6	17.6		13.8	14.3	16.0		12.2	12.6	14.3	
	44.0	16.2	17.3	16.6	16.3	17.3	16.5		13.3	13.6	15.2		11.6	12.1	13.5	
	46.0	15.0	16.1	15.7	15.1	16.1	15.6		12.7	13.0	14.5		11.2	11.5	12.8	
	48.0	13.8	14.9	14.8	14.0	14.9	14.7	13.4/49.1	12.3	12.6	13.8		10.6	11.0	12.2	
	50.0	12.7	13.7	14.1	12.9	13.9	13.9	13.1	11.8	12.1	13.3	12.5/51.1	10.3	10.5	11.6	
	52.0	11.5	12.6	13.3	11.9	12.8	13.2	12.4	11.5	11.7	12.7	12.2	10.0	10.2	11.2	11.8/53.0
	54.0	10.9/53.0	11.4	12.7	10.9	11.8	12.6	11.7	11.2	11.4	12.3	11.6	9.6	9.9	10.7	11.5
	56.0		11.1/54.5	12.1	9.8	10.8	12.0	11.2	10.3	11.1	11.8	11.0	9.3	9.5	10.3	10.9
	58.0			11.5		10.0/57.4	11.4	10.6	9.4	10.3	11.2	10.5	9.2	9.3	10.0	10.3
	60.0			11.2/59.2			10.9	10.1	8.9/58.9	9.3	10.7	10.0	9.0	9.1	9.6	9.8
	62.0						10.4	9.6		9.1/60.4	10.2	9.5	8.2/61.9	8.9	9.4	9.4
	64.0						10.3/62.1	9.2			9.8	9.0		8.3/63.3	9.2	8.9
	66.0							8.8			9.6/65.0	8.6			9.1	8.5
	68.0							8.7/66.6				8.3			8.9	8.2
	70.0											8.0/69.5				7.8
	72.0															7.5
	74.0															7.4/72.4

SCX2500, luffing jib ratings 360 deg

Summary chart acc. ANSI B30.5 & SAE J987

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

Jib length (m)	tower 30.50m																			
	21.35				24.40				27.45				30.50				33.50			
Tower angle (°)	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65
Reeved lines	6	6	6	6	6	6	6	6	5	5	5	5	5	5	5	5	4	4	4	4
Wind(m/sec) Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
9.0	69.3/9.7																			
10.0	69.2				68.8/10.6															
11.0	68.8				68.6				66.1/11.4											
12.0	66.4	68.4/12.3			68.1				65.3				61.5/12.3							
13.0	59.0	68.0			67.9	67.8/13.3			63.9				60.8				53.7/13.2			
14.0	53.0	63.7			61.2	67.4			62.8	63.6/14.4			59.8				53.3			
15.0	47.9	56.9			55.3	65.6			61.7	62.8			58.2	60.0/15.4			52.5			
16.0	43.5	51.3			50.7	59.3			57.7	61.7			56.7	58.8			51.7	53.9/16.5		
18.0	38.6	42.4			42.8	49.4			49.1	55.8			53.1	54.7			49.8	51.2		
20.0	32.5	37.8	43.3/20.9		38.9	41.9			42.3	48.0			47.6	48.1			46.9	48.0		
22.0	27.1	31.9	40.7		33.4	38.2	39.8/22.4		39.1	41.5	36.9/23.9		43.9	42.6			43.9	42.6		
24.0	24.0/23.7	26.6	36.5		28.6	32.9	36.6		34.2	38.5	36.7		39.5	38.3	33.8/25.4		39.5	38.3		
26.0		24.6/25.3	33.1		25.7	28.2	33.2		29.8	33.8	33.2		35.5	34.7	32.8		35.4	34.7	31.2/27.0	
28.0			30.2	27.7/28.8	24.0/26.6	25.2	30.3		25.8	29.5	30.3		31.7	31.7	30.0		31.8	31.6	29.9	
30.0			26.1	26.3		24.6/28.2	27.9	25.5/30.8	23.9/29.6	25.5	27.9		28.2	29.1	27.5		28.6	29.1	27.5	
32.0			24.7/30.5	24.3			25.8	24.3		24.4/31.2	25.8	23.5/32.8	24.7	26.7	25.5		25.7	26.8	25.3	
34.0				22.6			24.5/33.4	22.6			23.9	22.5	23.8/32.5	24.3	23.6	21.7/34.7	23.0	24.9	23.4	
36.0				21.4/35.5				21.0			22.3	20.8		24.2/34.1	22.0	20.7	20.9/35.5	22.7	21.7	20.0/36.7
38.0								19.7			22.0/36.4	19.6			20.6	19.4		21.4/37.1	20.3	19.2
40.0							19.4/38.4					18.4			19.8/39.3	18.2			19.1	18.0
42.0												17.7/41.3				17.1			18.0	16.9
44.0																16.2			17.9/42.3	16.0
46.0																16.0/44.3				15.1
48.0																				14.6/47.2

SCX2500, luffing jib ratings 360 deg

Summary chart acc. ANSI B30.5 & SAE J987

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

Jib length (m)	tower 30.50m																			
	36.55				39.60				42.65				45.70				48.75			
Tower angle (°)	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65
Reeved lines	4	4	4	4	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3
Wind(m/sec) Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
14.0	47.2/14.1																			
15.0	46.6				41.7				37.1/15.9											
16.0	45.9	48.5/17.5			41.2				37.0				32.8/16.8				28.9/17.7			
18.0	45.2	47.8			40.7	41.9/18.6			36.6	36.9/19.6			32.2				28.7			
20.0	44.0	45.1			40.2	41.0			36.2	36.7			31.2	31.3/20.6			27.8	27.5/21.7		
22.0	41.8	42.6			38.7	39.4			35.4	35.6			30.4	30.6			27.0	27.2		
24.0	39.2	38.3			37.0	37.6			34.6	34.7			29.8	29.8			26.4	26.5		
26.0	35.2	34.7			35.0	34.6			33.2	33.6			29.2	29.1			25.8	25.8		
28.0	31.7	31.7	29.1/28.5		31.6	31.5			31.5	31.6			28.9	28.6			25.4	25.3		
30.0	28.7	29.1	27.3		28.7	29.0	27.1		28.6	29.0	25.6/31.5		28.3	28.1			25.0	24.8		
32.0	26.0	26.9	25.2		26.1	26.8	25.0		26.1	26.8	25.1		26.1	26.7	23.9/33.1		24.8	24.4		
34.0	23.6	25.0	23.4		23.8	24.8	23.2		23.9	24.8	23.3		23.9	24.8	23.1		23.9	24.2	22.5/34.6	
36.0	21.2	23.3	21.8		21.7	23.1	21.6		21.9	23.2	21.7		21.9	23.1	21.5		22.0	22.9	21.4	
38.0	18.8	21.1	20.4	18.7/38.6	19.7	21.5	20.2		20.0	21.7	20.2		20.2	21.5	20.1		20.3	21.4	19.9	
40.0	18.3/38.4	18.6	19.1	17.9	17.7	19.5	18.9	17.4/40.6	18.3	20.0	19.0		18.6	20.1	18.9		18.7	20.2	18.7	
42.0			18.0	16.8	16.3/41.4	17.5	17.8	16.6	16.6	18.2	17.8	16.1/42.6	17.0	18.5	17.7		17.3	18.7	17.5	
44.0			16.9	15.8		16.6/43.0	16.8	15.7	15.0	16.6	16.8	15.4	15.5	17.0	16.7	15.1/44.5	15.9	17.2	16.5	
46.0			16.4/45.2	15.0			16.0	14.8	14.7/44.3	14.9/45.9	15.9	14.6	14.1	15.5	15.8	14.4	14.6	15.9	15.6	14.1/46.5
48.0				14.2			15.0	14.0			15.0	13.8	13.2/47.2	14.0	15.0	13.7	13.3	14.6	14.7	13.8
50.0				13.5			14.9/48.2	13.3			14.3	13.1		13.5/48.8	14.2	12.9	12.0	13.3	14.0	12.8
52.0				13.4/50.2				12.6			13.9/51.1	12.4			13.5	12.3	11.8/50.2	12.2/51.8	13.3	12.1
54.0								12.3/53.1				11.8			12.8	11.7			12.6	11.5
56.0												11.2			12.7/54.1	11.1			12.0	10.9
58.0												11.1/56.1				10.6			11.8/57.0	10.4
60.0																10.4/59.0				9.9
62.0																				9.5

SCX2500, luffing jib ratings 360 deg

Summary chart acc. ANSI B30.5 & SAE J987

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

Jib length (m)	tower 30.50m															
	51.80				54.85				57.90				60.95			
Tower angle (°)	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65
Reeved lines	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Wind(m/sec) Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
18.0	26.8/18.6				24.3/19.5											
20.0	26.6				24.2				21.3/20.4				18.8/21.2			
22.0	26.1	26.2/22.7			23.3	23.1/23.8			20.7				18.4			
24.0	25.4	25.7			22.6	22.9			20.1	20.1/24.8			17.8	17.4/25.9		
26.0	24.7	24.9			22.0	22.2			19.4	19.6			17.2	17.4		
28.0	24.3	24.3			21.5	21.5			19.0	19.1			16.8	16.9		
30.0	23.8	23.7			21.0	21.1			18.5	18.5			16.3	16.5		
32.0	23.4	23.3			20.6	20.5			17.8	18.1			15.9	16.0		
34.0	23.2	22.8			20.3	20.2			16.8	17.6			15.0	15.6		
36.0	22.2	22.6	21.1/36.1		20.1	19.9	19.4/37.6		15.9	16.7			14.3	14.8		
38.0	20.6	21.2	19.8		20.0	19.6	19.4		15.1	15.8	16.9/39.2		13.5	14.0		
40.0	19.0	19.9	18.5		19.0	19.4	18.4		14.5	15.0	16.7		12.8	13.3	14.7/40.7	
42.0	17.6	18.7	17.4		17.6	18.8	17.3		13.8	14.4	16.3		12.2	12.6	14.4	
44.0	16.3	17.6	16.3		16.3	17.5	16.2		13.3	13.7	15.5		11.6	12.1	13.8	
46.0	15.1	16.3	15.4		15.2	16.3	15.3		12.7	13.2	14.7		11.2	11.5	13.0	
48.0	13.9	15.1	14.6	13.4/48.4	14.1	15.1	14.5		12.3	12.6	14.0		10.6	11.1	12.4	
50.0	12.8	13.9	13.8	12.8	13.0	14.1	13.7	12.5/50.4	11.8	12.2	13.5		10.3	10.6	11.8	
52.0	11.6	12.8	13.1	12.1	12.0	13.0	13.0	12.0	11.5	11.7	12.8	11.7/52.3	10.0	10.2	11.3	
54.0	11.0/53.1	11.6	12.4	11.5	11.0	12.0	12.3	11.4	11.2	11.4	12.2	11.2	9.6	9.9	10.8	11.0/54.3
56.0		11.4/54.5	11.9	10.9	9.9	11.0	11.7	10.8	10.4	11.1	11.6	10.7	9.3	9.5	10.4	10.6
58.0			11.3	10.4	9.8/56.1	10.0/57.7	11.2	10.3	9.5	10.4	11.0	10.1	9.2	9.3	10.1	10.0
60.0			10.8/59.9	9.9			10.7	9.8	9.0/59.0	9.5	10.5	9.7	9.0	9.1	9.7	9.6
62.0				9.5			10.2	9.4		9.2/60.6	10.0	9.2	8.1	9.0	9.4	9.1
64.0				9.1			10.0/62.9	9.0			9.6	8.8		8.4/63.6	9.2	8.7
66.0				8.9/64.9				8.6			9.2/65.8	8.4			9.1	8.3
68.0								8.2/67.8				8.0			8.7	7.9
70.0												7.7			8.5/68.8	7.6
72.0												7.5/70.8				7.2
74.0																7.0/73.7

SCX2500, luffing jib ratings 360 deg

Summary chart acc. ANSI B30.5 & SAE J987

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

	tower 33.50m																			
Jib length (m)	21.35				24.40				27.45				30.50				33.50			
Tower angle (°)	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65
Reeved lines	6	6	6	6	5	5	5	5	5	5	5	5	4	4	4	4	4	4	4	4
Wind(m/sec) Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
9.0	69.1/9.8																			
10.0	69.0				67.5/10.7															
11.0	68.6				67.5				65.4/11.6											
12.0	67.2	67.8/12.6			67.2				64.7				54.0/12.4							
13.0	59.8	67.4			66.9	67.0/13.6			63.3				53.2				51.0/13.3			
14.0	53.6	65.7			61.9	66.4			62.1	62.9/14.7			51.8				50.5			
15.0	48.4	58.6			56.1	66.1			61.1	62.4			50.5	53.3/15.7			50.1			
16.0	43.9	52.7			51.2	60.8			58.3	61.2			49.2	53.2			48.8	51.4/16.7		
18.0	39.0	43.4			43.2	50.5			49.5	55.7			47.5	52.6			47.1	49.5		
20.0	32.8	38.7	40.8/21.7		39.2	42.8			42.6	48.8			45.8	48.2			45.2	46.5		
22.0	27.4	32.6	40.1		33.7	38.9	37.7/23.2		39.4	42.3			44.1	42.8			42.9	42.7		
24.0	24.0/23.8	27.3	36.0		28.9	33.6	36.1		34.4	37.2	34.9/24.7		39.6	38.4			39.6	38.4		
26.0		24.4/25.6	32.6		26.0	28.8	32.7		30.1	34.4	32.8		35.5	34.8	32.1/26.2		35.5	34.9	29.7/27.8	
28.0			29.8		24.1/26.7	25.9	29.9		26.0	30.1	29.9		31.7	31.8	29.6		31.8	31.8	29.5	
30.0			27.4	25.8/30.1		24.5/28.5	27.5		23.9/29.7	26.0	27.5		28.2	29.3	27.2		28.7	29.2	27.1	
32.0			24.7/31.3	23.9			25.4	23.7/32.1		24.6/31.4	25.4		24.7	27.1	25.2		25.8	27.0	25.1	
34.0				22.2			23.6	22.0			23.6	22.0	23.7/32.6	24.7	23.4		23.0	25.0	23.3	
36.0				20.7			23.4/34.2	20.5			22.0	20.5		24.3/34.4	21.8	20.2	20.7/35.6	23.0	21.7	
38.0				20.2/36.7				19.2			21.1/37.2	19.1			20.4	18.9		21.7/37.3	20.3	18.7
40.0								18.2/39.7				18.0			19.0	17.8			19.0	17.5
42.0												16.9			18.9/40.1	16.7			17.9	16.5
44.0												16.6/42.6				15.8			17.3/43.1	15.5
46.0																15.1/45.6				14.7
48.0																				13.9
50.0																				13.7/48.5

SCX2500, luffing jib ratings 360 deg

Summary chart acc. ANSI B30.5 & SAE J987

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

Jib length (m)	tower 33.50m																			
	36.55				39.60				42.65				45.70				48.75			
Tower angle (°)	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65
Reeved lines	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Wind(m/sec) Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
14.0	44.9/14.2																			
15.0	44.3				39.9/15.1															
16.0	43.5	46.5/17.8			39.8				35.6				31.9/16.9				28.6/17.8			
18.0	42.7	46.3			39.6	38.9/18.8			35.5	36.4/19.9			31.9				28.3			
20.0	41.9	43.5			39.3	38.6			35.4	36.4			30.9	30.9/20.9			27.5			
22.0	40.3	41.2			37.5	37.9			35.0	35.3			30.1	30.4			26.7	27.0		
24.0	38.5	38.2			35.8	36.5			33.6	34.2			29.4	29.5			26.0	26.2		
26.0	35.3	34.6			34.4	34.5			32.3	32.7			28.9	28.9			25.5	25.6		
28.0	31.8	31.6	27.7/29.3		31.7	31.4			31.1	31.4			28.6	28.3			25.0	25.0		
30.0	28.8	29.0	26.9		28.7	28.0	25.8/30.8		28.7	28.9			27.6	27.8			24.7	24.5		
32.0	26.1	26.8	24.9		26.1	26.7	24.6		26.2	26.7	24.5/32.3		26.1	26.6	22.7/33.8		24.5	24.2		
34.0	23.6	24.9	23.1		23.8	24.8	22.8		24.0	24.8	22.9		23.9	24.7	22.5		24.0	23.9	21.3/35.4	
36.0	21.2	23.2	21.5		21.7	23.1	21.2		21.9	23.1	21.3		22.0	23.0	20.9		22.1	22.9	20.8	
38.0	18.8	21.3	20.1	17.5/39.9	19.7	21.5	19.8		20.1	21.6	19.9		20.2	21.5	19.6		20.3	21.4	19.5	
40.0	18.3/38.5	18.9	18.9	17.4	17.7	19.7	18.6	16.2/41.9	18.3	20.1	18.7		18.6	20.1	18.3		18.8	20.0	18.2	
42.0		18.5/40.3	17.7	16.4	16.2/41.5	17.7	17.5	16.2	16.6	18.4	17.5	15.1/43.8	17.0	18.6	17.2		17.3	18.8	17.1	
44.0			16.7	15.4		16.6/43.2	16.5	15.2	14.9	16.7	16.5	15.0	15.6	17.1	16.2	14.1/45.8	15.9	17.4	16.1	
46.0			15.8	14.6			15.5	14.4	14.5/44.4	14.9	15.6	14.2	14.1	15.7	15.3	14.0	14.6	16.0	15.2	13.4/47.8
48.0				13.8			14.8	13.6		14.8/46.2	14.8	13.4	13.0/47.4	14.2	14.5	13.3	13.3	14.7	14.4	13.3
50.0				13.1			14.4/49.0	12.9			14.0	12.7		13.3/49.1	13.7	12.6	12.0	13.4	13.6	12.6
52.0				12.6/51.5				12.3			13.4/51.9	12.0			13.0	11.9	11.7/50.3	12.1	12.9	11.9
54.0								11.7				11.4			12.3	11.3			12.3	11.3
56.0								11.5/54.4				10.9			12.2/54.8	10.8			11.7	10.8
58.0											10.5/57.4				10.3				11.3/57.8	10.3
60.0																9.8				9.8
62.0																9.7/60.3				9.4
64.0																				9.1/63.2

SCX2500, luffing jib ratings 360 deg

Summary chart acc. ANSI B30.5 & SAE J987

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

Jib length (m)	tower 33.50m															
	51.80				54.85				57.90				60.95			
Tower angle (°)	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65
Reeved lines	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Wind(m/sec) Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
18.0	26.0/18.7				23.7/19.6											
20.0	25.9				23.7				21.1/20.5				18.5/21.4			
22.0	25.7	25.9/23.0			23.2				20.5				18.3			
24.0	25.1	25.5			22.4	22.8			19.9	19.9/25.1			17.7			
26.0	24.6	24.7			21.8	22.1			19.3	19.5			17.1	17.4/26.1		
28.0	24.0	24.2			21.3	21.4			18.8	19.0			16.7	16.9		
30.0	23.6	23.5			20.9	20.9			18.3	18.4			16.2	16.3		
32.0	23.2	23.1			20.4	20.4			17.9	18.0			15.8	15.9		
34.0	22.9	22.7			20.2	20.0			16.9	17.6			15.0	15.5		
36.0	22.3	22.4	20.3/36.9		19.9	19.8			16.0	16.8			14.3	14.9		
38.0	20.6	21.2	19.5		19.8	19.4	19.1/38.4		15.1	15.9	16.7/39.9		13.5	14.1		
40.0	19.1	19.8	18.2		19.0	19.3	18.1		14.5	15.1	16.7		12.8	13.4	14.5/41.5	
42.0	17.6	19.1	17.1		17.6	18.8	17.0		13.8	14.4	16.3		12.2	12.7	14.4	
44.0	16.3	17.7	16.1		16.4	17.7	16.0		13.3	13.7	15.8		11.6	12.2	14.0	
46.0	15.1	16.4	15.2		15.2	16.4	15.0		12.7	13.2	14.9		11.2	11.6	13.3	
48.0	13.9	15.2	14.3	12.5/49.7	14.1	15.2	14.2		12.3	12.6	14.0		10.6	11.1	12.6	
50.0	12.8	14.0	13.6	12.4	13.0	14.2	13.4	11.7/51.7	11.8	12.2	13.3		10.3	10.6	12.1	
52.0	11.6	12.9	12.9	11.8	12.0	13.1	12.7	11.7	11.5	11.7	12.6	11.0/53.6	10.0	10.2	11.5	
54.0	11.0/53.2	11.7	12.2	11.2	11.0	12.1	12.1	11.0	11.2	11.4	11.9	10.9	9.6	9.9	11.1	10.3/55.6
56.0		11.2/55.0	11.6	10.6	9.9	11.1	11.5	10.5	10.4	11.2	11.3	10.3	9.3	9.5	10.6	10.2
58.0			11.1	10.1	9.7/56.2	10.0/57.9	11.0	10.0	9.5	10.5	10.8	9.8	9.1	9.3	10.2	9.7
60.0			10.6	9.6			10.5	9.5	8.9/59.1	9.6	10.3	9.3	9.0	9.1	9.9	9.2
62.0			10.4/60.7	9.2			10.0	9.1		9.1/60.9	9.8	8.9	8.1	9.0	9.5	8.8
64.0				8.8			9.6/63.7	8.7			9.4	8.5	8.1/62.1	8.4/63.8	9.3	8.4
66.0				8.4				8.3			9.0	8.1			8.9	8.0
68.0				8.3/66.2				7.9			8.9/66.6	7.7			8.5	7.6
70.0								7.7/69.1				7.4			8.2/69.6	7.3
72.0												7.1				7.0
74.0												7.0/72.1				6.7
76.0																6.5/75.0

SCX2500, luffing jib ratings 360 deg

Summary chart acc. ANSI B30.5 & SAE J987

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

Jib length (m)	tower 36.55m																			
	21.35				24.40				27.45				30.50				33.50			
Tower angle (°)	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65
Reeved lines	5	5	5	5	5	5	5	5	5	5	5	5	4	4	4	4	4	4	4	4
Wind(m/sec) Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
9.0	67.5/9.9																			
10.0	67.5				67.3/10.8															
11.0	67.2				67.2				62.0/11.7											
12.0	66.9	67.0/12.8			66.9				61.8				54.0/12.5							
13.0	66.6	66.4			66.6	66.1/13.9			61.1				53.1				48.1/13.4			
14.0	54.2	66.1			62.6	66.0			60.4	61.2/14.9			51.7				47.8			
15.0	48.9	60.3			56.7	65.0			58.9	61.2			50.4				47.2			
16.0	44.4	54.1			51.7	62.3			56.8	59.0			49.1	53.0			46.6	48.5/17.0		
18.0	39.4	44.5			43.5	51.7			49.9	54.7			47.4	50.1			45.8	47.0		
20.0	33.1	39.5			39.5	43.7			42.9	48.2			45.7	47.0			43.2	44.2		
22.0	27.7	33.3	38.9/22.4		33.9	39.7			39.7	42.6			42.2	42.6			41.0	41.8		
24.0	24.0/23.9	28.0	35.7		29.1	34.2	35.6		34.7	38.5	33.1/25.5		39.5	38.2			39.0	38.2		
26.0		24.7/25.8	32.4		26.2	29.4	32.3		30.3	35.0	32.3		35.8	34.6	30.5/27.0		35.8	34.6		
28.0			29.6		23.8/26.9	24.8	29.5		26.2	30.6	29.5		32.0	31.6	29.1		32.1	31.6	28.4/28.5	
30.0			27.8	23.9/31.4		24.4/28.8	27.1		23.9/29.8	26.6	27.1		28.5	29.1	26.5		28.9	29.0	26.6	
32.0			24.9	23.3			25.1	21.9/33.4		24.5/31.7	25.0		25.0	26.9	24.7		26.0	26.8	24.6	
34.0			24.6/32.1	21.6			23.3	21.4			23.2	20.4/35.3	23.9/32.7	25.0	22.8		23.2	24.9	22.8	
36.0				20.2			22.4/35.0	20.0			21.7	19.9		24.6/34.6	21.3	18.8/37.3	20.9/35.7	23.4	21.3	
38.0				18.8				18.7			20.3	18.6			19.9	18.4		22.2/37.6	19.9	17.3/39.2
40.0								17.5				17.5			18.6	17.3			18.7	16.9
42.0								17.0/41.0				16.4			18.3/40.9	16.2			17.5	15.9
44.0												15.6/43.9				15.3			16.6/43.9	15.0
46.0																14.5				14.1
48.0																14.1/46.9				13.4
50.0																				12.7/49.8

SCX2500, luffing jib ratings 360 deg

Summary chart acc. ANSI B30.5 & SAE J987

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

Jib length (m)	tower 36.55m																			
	36.55				39.60				42.65				45.70				48.75			
Tower angle (°)	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65
Reeved lines	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Wind(m/sec) Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
14.0	42.8/14.3																			
15.0	42.4				38.1/15.2															
16.0	41.8				37.9				34.2/16.1				30.8/17.0				27.8/17.9			
18.0	41.2	44.1			37.4	37.2/19.1			33.8				30.7				27.7			
20.0	40.6	41.5			36.9	37.1			33.4	34.9/20.1			30.4	30.5/21.2			27.2			
22.0	38.7	39.4			36.0	36.4			33.0	33.9			29.8	30.1			26.5	26.8/22.2		
24.0	36.8	37.5			34.5	34.7			32.4	32.5			29.1	29.3			25.8	26.0		
26.0	35.3	34.6			33.1	33.2			31.1	31.2			28.6	28.6			25.3	25.4		
28.0	32.0	32.6			31.7	31.9			29.9	30.0			27.6	27.9			24.8	24.8		
30.0	29.0	29.0	26.3/30.1		28.9	28.7	24.8/31.6		28.9	28.6			26.7	26.9			24.5	24.3		
32.0	26.3	26.8	24.4		26.3	26.5	24.4		26.4	26.4	23.3/33.1		25.9	26.0			24.0	23.9		
34.0	23.8	24.9	22.7		24.0	24.6	22.6		24.1	24.5	22.6		24.1	24.3	21.9/34.6		23.4	23.4		
36.0	21.5	23.2	21.1		21.9	22.9	21.0		22.1	22.9	21.0		22.2	22.7	20.8		22.2	22.6	20.6/36.2	
38.0	19.1	21.5	19.7		19.8	21.4	19.7		20.2	21.4	19.6		20.4	21.2	19.5		20.5	21.1	19.3	
40.0	18.3/38.6	19.4	18.5	16.3/41.2	17.9	20.0	18.5		18.5	20.1	18.4		18.7	19.8	18.2		18.9	19.8	18.1	
42.0		18.9/40.5	17.4	15.9	16.3/41.6	18.1	17.4	15.1/43.2	16.8	18.7	17.2		17.2	18.6	17.1		17.4	18.5	17.0	
44.0			16.4	14.9		16.6/43.5	16.4	14.8	15.0	17.1	16.2	14.1/45.1	15.7	17.4	16.2		16.1	17.4	16.0	
46.0			15.5	14.1			15.5	13.9	14.6/44.5	15.3	15.3	13.7	14.2	16.0	15.3	13.4/47.1	14.8	16.3	15.0	
48.0				13.3			14.6	13.2		14.9/46.4	14.5	12.9	13.1/47.5	14.5	14.4	13.0	13.5	15.0	14.2	12.5
50.0				12.7			14.1/49.7	12.5			13.8	12.2		13.4/49.4	13.7	12.4	12.1	13.7	13.5	12.2
52.0				12.1				11.9			13.1	11.6			13.0	11.7	11.9/50.4	12.4	12.8	11.5
54.0				11.9/52.8				11.3			12.8/52.7	11.0			12.4	11.1		12.2/52.3	12.2	10.9
56.0								10.8/55.7				10.5			11.9/55.6	10.6			11.6	10.4
58.0												10.0				10.1			11.0	9.9
60.0											9.9/58.6					9.6			10.9/58.6	9.4
62.0																9.3/61.6				9.0
64.0																				8.6
66.0																				8.5/64.5

SCX2500, luffing jib ratings 360 deg

Summary chart acc. ANSI B30.5 & SAE J987

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

Jib length (m)	tower 36.55m															
	51.80				54.85				57.90				60.95			
Tower angle (°)	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65
Reeved lines	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Wind(m/sec) Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
18.0	25.2/18.8				23.0/19.7											
20.0	25.2				23.0				20.9/20.6				18.4/21.5			
22.0	25.1	25.7/23.3			22.9				20.4				18.2			
24.0	24.9	25.4			22.3	22.6/24.3			19.8	19.6/25.3			17.6			
26.0	24.4	24.6			21.6	22.0			19.1	19.4			17.0	17.2/26.4		
28.0	23.8	23.9			21.1	21.3			18.7	18.9			16.5	16.8		
30.0	23.4	23.4			20.6	20.7			18.2	18.3			16.0	16.2		
32.0	22.9	22.9			20.3	20.3			17.8	17.9			15.7	15.8		
34.0	22.7	22.5			20.0	19.9			16.9	17.4			15.0	15.4		
36.0	22.4	22.2	19.3/37.7		19.8	19.5			16.0	16.9			14.3	15.0		
38.0	20.7	21.1	19.1		19.5	19.3	18.2/39.2		15.2	16.0			13.5	14.3		
40.0	19.2	19.7	17.9		19.1	19.1	17.8		14.5	15.1	16.6/40.7		12.8	13.5		
42.0	17.8	18.5	16.8		17.7	18.6	16.7		13.8	14.5	16.3		12.2	12.8	14.4/42.3	
44.0	16.5	17.4	15.8		16.5	17.6	15.7		13.3	13.8	15.5		11.6	12.2	14.0	
46.0	15.2	16.4	14.9		15.3	16.7	14.8		12.7	13.3	14.6		11.2	11.6	13.6	
48.0	14.1	15.4	14.0		14.2	15.5	13.9		12.3	12.7	13.8		10.6	11.1	12.8	
50.0	12.9	14.3	13.3	11.7/51.0	13.1	14.4	13.2		11.8	12.2	13.0		10.3	10.6	12.3	
52.0	11.7	13.1	12.6	11.4	12.1	13.3	12.5	10.9/53.0	11.5	11.8	12.3		9.9	10.3	11.7	
54.0	11.0/53.3	12.0	12.0	10.8	11.1	12.3	11.9	10.7	11.2	11.4	11.7	10.2/54.9	9.6	9.9	11.2	
56.0		11.4/55.3	11.4	10.2	10.0	11.3	11.3	10.1	10.5	11.2	11.1	9.9	9.3	9.6	10.7	9.6/56.9
58.0			10.9	9.7	9.8/56.3	10.2	10.7	9.6	9.6	10.7	10.6	9.4	9.1	9.3	10.3	9.3
60.0			10.4	9.3		10.1/58.2	10.3	9.2	9.0/59.2	9.8	10.1	9.0	9.0	9.1	9.9	8.9
62.0			10.0/61.5	8.8			9.8	8.7		9.3/61.1	9.6	8.6	8.2	9.0	9.5	8.4
64.0				8.4			9.4	8.3			9.2	8.2	8.2/62.2	8.4	9.1	8.0
66.0				8.1			9.3/64.5	7.9			8.8	7.8		8.3/64.1	8.7	7.7
68.0				7.8/67.5				7.6			8.5/67.4	7.4			8.3	7.3
70.0								7.3				7.1			7.9	7.0
72.0								7.2/70.4				6.8			7.8/70.4	6.7
74.0												6.6/73.4				6.4
76.0																6.1
78.0																6.0/76.3

SCX2500, luffing jib ratings 360 deg

Summary chart acc. ANSI B30.5 & SAE J987

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

Jib length (m)	tower 39.60m																			
	21.35				24.40				27.45				30.50				33.50			
Tower angle (°)	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65
Reeved lines	5	5	5	5	5	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4
Wind(m/sec) Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
10.0	67.5				67.1/10.9															
11.0	67.1				67.0				54.0/11.8											
12.0	66.8				66.6				54.0				51.4/12.7							
13.0	61.2	53.3/13.1			63.6				53.8				51.2				45.5/13.5			
14.0	54.8	53.2			61.0	52.9/14.1			53.6				50.7				45.4			
15.0	49.4	53.0			57.3	52.8			53.4	52.6/15.2			50.2				45.2			
16.0	44.8	52.8			52.2	52.6			53.2	52.4			49.1	50.7/16.2			45.0	45.9/17.3		
18.0	39.7	45.6			43.9	52.3			50.2	52.1			46.0	47.7			43.4	44.8		
20.0	33.4	40.5			39.8	44.6			43.3	48.2			43.4	44.7			41.0	42.2		
22.0	28.0	34.1	36.7/23.2		34.2	40.5			40.0	42.9			41.1	42.2			38.9	39.9		
24.0	24.1	28.7	35.2		29.4	34.9	33.7/24.8		34.9	38.6			39.0	38.1			37.1	37.9		
26.0		24.9	31.9		26.5	30.0	31.8		30.5	35.0	31.3/26.3		36.0	34.5	28.9/27.8		35.5	34.4		
28.0		24.5/26.1	29.1		23.8/27.0	25.5	29.1		26.4	31.2	29.0		32.1	31.5	28.7		32.2	31.4	27.0/29.3	
30.0			26.7			24.6/29.0	26.7		23.9/29.9	27.1	26.6		28.6	29.0	26.3		29.0	28.8	26.2	
32.0			24.7	22.0/32.7			24.7			24.4	24.6		25.1	26.8	24.3		26.1	25.6	24.2	
34.0			23.9/32.9	21.0			22.9	20.3/34.7			22.8		23.8/32.8	24.9	22.6		23.3	24.7	22.4	
36.0				19.6			21.5/35.8	19.4			21.3	18.9/36.6		24.2/34.9	21.0		20.7/35.8	23.0	20.9	
38.0				18.3				18.1			19.9	18.0			19.6	17.5/38.6		21.8/37.9	19.5	
40.0				17.5/39.3				17.0			19.4/38.8	16.9			18.4	16.7			18.3	16.2/40.5
42.0								16.0				15.9			17.6/41.7	15.7			17.2	15.5
44.0								15.8/42.3				15.0				14.8			16.2	14.6
46.0												14.5/45.2				14.0			16.0/44.6	13.8
48.0																13.2				13.0
50.0																13.1/48.2				12.3
52.0																				12.0/51.1

SCX2500, luffing jib ratings 360 deg

Summary chart acc. ANSI B30.5 & SAE J987

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

Jib length (m)	tower 39.60m																			
	36.55				39.60				42.65				45.70				48.75			
Tower angle (°)	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65
Reeved lines	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2
Wind(m/sec) Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
14.0	40.5/14.4																			
15.0	40.5				36.4/15.3															
16.0	40.4				36.3				32.8/16.2				29.6/17.1							
18.0	40.2	40.1/18.3			36.1	37.4/19.4			32.7				29.6				26.8			
20.0	38.8	39.7			35.8	36.8			32.5	34.2/20.4			29.5	30.2/21.4			26.7			
22.0	36.8	37.7			34.2	34.9			32.2	32.8			29.4	29.9			26.1	26.5/22.5		
24.0	35.2	35.8			32.7	33.3			30.8	31.3			28.7	29.0			25.5	25.8		
26.0	33.6	34.2			31.4	31.9			29.5	30.0			27.6	28.0			24.9	25.1		
28.0	32.1	31.4			30.3	30.5			28.6	28.8			26.6	26.9			24.5	24.5		
30.0	29.1	28.9	25.3/30.9		29.0	28.8			27.6	27.8			25.7	25.9			23.8	24.0		
32.0	26.3	26.7	24.3		26.4	26.4	23.7/32.4		26.4	26.6	22.2/33.9		24.9	25.0			23.2	23.3		
34.0	23.8	24.7	22.5		24.0	24.7	22.3		24.2	24.7	22.1		24.2	24.3	20.9/35.4		22.5	22.5		
36.0	21.5	23.1	21.0		21.9	23.0	20.7		22.1	23.0	20.6		22.2	22.8	20.5		22.0	22.0	19.7/36.9	
38.0	19.1	21.6	19.6		19.9	21.5	19.4		20.3	21.6	19.2		20.4	21.3	19.1		20.5	21.1	18.9	
40.0	17.3/38.7	19.6	18.4		17.9	20.1	18.2		18.5	20.2	18.0		18.7	19.9	17.9		18.9	19.8	17.7	
42.0		18.8/40.8	17.3	15.1/42.5	16.2/41.7	18.3	17.1		16.8	18.9	16.9		17.2	18.7	16.8		17.5	18.6	16.6	
44.0			16.3	14.4		16.7/43.7	16.1	14.0/44.5	15.1	17.2	15.9		15.7	17.6	15.8		16.1	17.8	15.6	
46.0			15.4	13.6			15.2	13.4	14.5/44.6	15.5	15.0	13.3/46.4	14.2	16.1	14.9		14.8	16.4	14.7	
48.0			14.8/47.6	12.9			14.4	12.7		14.9/46.7	14.2	12.7	13.1/47.6	14.6	14.1	12.4/48.4	13.5	15.1	13.9	
50.0				12.2			13.6	12.0			13.5	12.0		13.4/49.6	13.4	11.9	12.1	13.8	13.2	11.6/50.3
52.0				11.6			13.5/50.5	11.4			12.8	11.4			12.7	11.3	11.8/50.5	12.5	12.5	11.1
54.0				11.0				10.9			12.3/53.5	10.8			12.1	10.7		12.1/52.6	11.9	10.5
56.0								10.3				10.3			11.5	10.2			11.3	10.0
58.0								10.1/57.0				9.8			11.4/56.4	9.7			10.8	9.5
60.0												9.4/59.9				9.2			10.4/59.4	9.1
62.0																8.8				8.6
64.0																8.6/62.9				8.2
66.0																				7.9/65.8

SCX2500, luffing jib ratings 360 deg

Summary chart acc. ANSI B30.5 & SAE J987

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

Jib length (m)	tower 39.60m															
	51.80				54.85				57.90				60.95			
Tower angle (°)	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65
Reeved lines	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Wind(m/sec) Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
18.0	24.4/18.9				22.3/19.8											
20.0	24.4				22.3				20.4/20.7				18.2/21.6			
22.0	24.3	25.5/23.5			22.2				20.2				18.0			
24.0	24.2	25.3			22.1	22.4/24.6			19.5	19.5/25.6			17.4			
26.0	24.1	24.5			21.4	21.8			19.0	19.3			16.9	17.1/26.7		
28.0	23.6	23.8			21.0	21.2			18.4	18.8			16.3	16.7		
30.0	23.2	23.2			20.5	20.6			18.0	18.2			15.9	16.1		
32.0	22.8	22.7			20.1	20.1			17.7	17.8			15.6	15.7		
34.0	22.4	22.3			19.8	19.8			16.9	17.3			15.1	15.2		
36.0	21.8	21.8			19.5	19.4			16.0	17.0			14.3	14.9		
38.0	20.8	20.9	18.4/38.5		19.4	19.1			15.2	16.0			13.5	14.3		
40.0	19.2	19.6	17.5		19.1	19.0	17.4		14.5	15.2	16.3/41.5		12.8	13.5		
42.0	17.8	18.4	16.4		17.8	18.5	16.3		13.8	14.5	16.1		12.2	12.8	14.3/43.0	
44.0	16.5	17.3	15.5		16.5	17.4	15.3		13.3	13.8	15.2		11.6	12.3	14.0	
46.0	15.2	16.8	14.6		15.3	16.8	14.4		12.7	13.3	14.3		11.2	11.6	13.7	
48.0	14.1	15.5	13.8		14.2	15.6	13.6		12.3	12.7	13.5		10.6	11.2	13.2	
50.0	12.9	14.4	13.0		13.1	14.5	12.9		11.8	12.3	12.7		10.3	10.7	12.5	
52.0	11.7	13.2	12.3	10.8/52.3	12.1	13.4	12.2		11.4	11.8	12.0		9.9	10.3	11.8	
54.0	10.9/53.5	12.1	11.7	10.3	11.1	12.4	11.6	10.2/54.3	11.2	11.5	11.4		9.6	10.0	11.3	
56.0		11.2/55.5	11.1	9.8	10.0	11.4	11.0	9.7	10.5	11.2	10.8	9.5/56.2	9.3	9.6	10.7	
58.0			10.6	9.3	9.7/56.4	10.3	10.5	9.2	9.6	10.8	10.3	9.0	9.1	9.3	10.2	8.9/58.2
60.0			10.1	8.9		10.0/58.5	10.0	8.8	9.0/59.3	9.9	9.8	8.6	9.0	9.1	9.7	8.5
62.0			9.7	8.5			9.5	8.4		9.2/61.4	9.4	8.2	8.2	9.0	9.2	8.1
64.0			9.6/62.3	8.1			9.1	8.0			8.9	7.8	8.1/62.3	8.5	8.8	7.7
66.0				7.7			8.9/65.3	7.6			8.5	7.4		8.3/64.4	8.4	7.3
68.0				7.4				7.3			8.2	7.1			8.1	7.0
70.0				7.2/68.8				6.9			8.1/68.2	6.8			7.7	6.7
72.0								6.7/71.7				6.5			7.5/71.1	6.4
74.0												6.2				6.1
76.0												6.1/74.7				5.8
78.0																5.6/77.6

SCX2500, luffing jib ratings 360 deg

Summary chart acc. ANSI B30.5 & SAE J987

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

Jib length (m)	tower 42.65m																			
	21.35				24.40				27.45				30.50				33.50			
Tower angle (°)	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65
Reeved lines	5	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Wind(m/sec) Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
10.0	67.4/10.1																			
11.0	67.0				54.0				53.7/11.9											
12.0	65.3				53.8				53.7				48.3/12.8							
13.0	62.0	53.2/13.4			53.6				53.5				48.1				43.1/13.7			
14.0	55.4	53.1			53.4	53.1/14.4			53.3				47.6				43.0			
15.0	50.0	53.0			53.1	53.0			52.6	52.8/15.5			47.1				42.6			
16.0	45.3	52.8			52.7	52.8			50.8	52.5			46.4	47.5/16.5			42.2	43.2/17.5		
18.0	40.1	46.8			44.3	51.5			47.4	49.3			43.5	45.2			41.2	42.6		
20.0	33.7	41.4			40.2	45.6			43.6	46.0			41.0	42.3			38.9	40.0		
22.0	28.2	34.9			34.5	41.4			40.2	42.7			38.8	39.9			36.9	37.8		
24.0	24.4	29.4	34.9		29.6	35.6	32.2/25.5		35.2	38.4			36.9	37.7			35.2	35.9		
26.0	24.1/24.1	25.7	31.6		26.8	30.6	31.4		30.7	34.8	29.7/27.1		35.3	34.3			33.6	34.2		
28.0		24.8/26.3	28.8		23.8/27.1	26.1	28.7		26.6	31.7	28.5		32.3	31.3	27.8/28.6		32.3	31.2		
30.0			26.5			24.5/29.3	26.3		23.9	27.6	26.2		28.8	28.8	26.2		29.2	28.6	25.9/30.1	
32.0			24.5				24.3			25.1	24.2		25.4	26.6	24.2		26.2	26.5	24.0	
34.0			22.9/33.7	20.4			22.6	18.9/35.9		24.6/32.2	22.4		23.7/33.0	24.7	22.5		23.4	24.6	22.3	
36.0				19.0			21.0	18.8			20.9	17.6/37.9		23.5/35.2	20.9		20.8/35.9	22.9	20.7	
38.0				17.8			20.6/36.6	17.6			19.6	17.5			19.6	16.2/39.9		21.3	19.4	
40.0				16.7				16.5			18.6/39.5	16.4			18.4	16.2		21.2/38.1	18.2	15.1/41.8
42.0				16.4/40.6				15.5				15.4			17.3	15.2			17.1	15.0
44.0								14.8/43.6				14.6			17.0/42.5	14.3			16.1	14.1
46.0												13.8				13.5			15.5/45.4	13.3
48.0												13.6/46.5				12.8				12.6
50.0																12.3/49.4				11.9
52.0																				11.3
54.0																				11.2/52.4

SCX2500, luffing jib ratings 360 deg

Summary chart acc. ANSI B30.5 & SAE J987

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

	tower 42.65m																			
Jib length (m)	36.55				39.60				42.65				45.70				48.75			
Tower angle (°)	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65
Reeved lines	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2
Wind(m/sec) Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
14.0	38.7/14.5																			
15.0	38.5				34.8/15.4															
16.0	38.1				34.2				31.4/16.3				28.5/17.2							
18.0	37.7	38.7/18.6			33.8	35.5/19.6			31.2				28.4				25.9/18.1			
20.0	36.8	37.9			33.4	35.2			30.9	32.6/20.7			28.2	29.5/21.7			25.8			
22.0	35.0	35.8			32.6	33.4			30.6	31.5			28.0	29.3			25.6	26.1/22.8		
24.0	33.4	34.1			31.2	31.7			29.4	30.0			27.5	28.0			25.3	25.6		
26.0	32.0	32.5			30.0	30.4			28.2	28.7			26.5	26.8			24.6	24.9		
28.0	30.8	31.1			28.9	29.1			27.2	27.6			25.5	25.7			23.7	24.0		
30.0	29.2	28.6	24.3/31.6		27.9	28.0			26.2	26.5			24.6	24.8			22.9	23.2		
32.0	26.5	26.4	23.9		26.5	26.5	22.6/33.2		25.5	25.6			23.8	23.9			22.2	22.3		
34.0	24.0	24.5	22.2		24.2	24.6	22.0		24.3	24.7	21.2/34.7		23.2	23.2			21.6	21.6		
36.0	21.6	22.8	20.6		22.0	23.0	20.4		22.3	23.1	20.2		22.3	22.5	20.0/36.2		21.1	21.0	18.8/37.7	
38.0	19.3	21.3	19.3		20.0	21.5	19.1		20.4	21.6	18.9		20.5	21.1	18.7		20.5	20.4	18.6	
40.0	18.3/38.8	20.0	18.1		18.0	20.1	17.9		18.6	20.2	17.7		18.9	19.8	17.5		19.0	19.7	17.4	
42.0		19.2/41.1	17.0	14.1/43.8	16.3/41.8	18.6	16.8		16.9	19.0	16.6		17.3	18.6	16.5		17.6	18.5	16.3	
44.0			16.0	14.0		16.5	15.8	13.1/45.7	15.2	17.5	15.6		15.8	17.5	15.5		16.2	17.4	15.3	
46.0			15.1	13.2			15.0	13.0	14.5/44.7	15.8	14.7	12.4/47.7	14.3	16.3	14.6		14.9	16.4	14.4	
48.0			14.3	12.4			14.2	12.3		14.9/47.0	13.9	12.3	47.7/13.1	14.8	13.8	11.6/49.7	13.6	15.3	13.6	
50.0			14.2/48.4	11.8			13.4	11.6			13.2	11.6		13.3/49.9	13.1	11.5	12.2	14.0	12.9	10.8/51.6
52.0				11.2			13.0/51.3	11.0			12.5	11.0			12.4	10.9	11.9/50.6	12.7	12.2	10.7
54.0				10.6				10.5			11.9	10.4			11.8	10.3		12.1/52.8	11.6	10.1
56.0				10.3/55.3				10.0			11.8/54.3	9.9			11.3	9.8			11.1	9.6
58.0								9.5				9.4			10.9/57.2	9.3			10.6	9.2
60.0								9.4/58.3				9.0				8.9			10.1	8.7
62.0												8.7/61.2				8.5			10.0/60.2	8.3
64.0																8.1				7.9
66.0																8.0/64.2				7.6
68.0																				7.4/67.1

SCX2500, luffing jib ratings 360 deg

Summary chart acc. ANSI B30.5 & SAE J987

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

Jib length (m)	tower 42.65m															
	51.80				54.85				57.90				60.95			
Tower angle (°)	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65
Reeved lines	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Wind(m/sec) Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
18.0	23.6/19.0				21.6/19.9											
20.0	23.5				21.6				19.9/20.8				18.0/21.7			
22.0	23.4	24.2/23.8			21.5				19.8				17.9			
24.0	23.3	24.1			21.4	22.1/24.8			19.4	19.3/25.9			17.2			
26.0	23.2	23.9			21.3	21.6			18.9	19.2			16.7	16.9/26.9		
28.0	23.1	23.6			20.7	21.1			18.3	18.7			16.2	16.6		
30.0	22.9	23.1			20.3	20.4			17.9	18.1			15.8	16.0		
32.0	22.4	22.5			19.9	20.0			17.4	17.7			15.4	15.6		
34.0	21.6	21.8			19.6	19.5			16.9	17.2			15.0	15.1		
36.0	21.1	21.1			19.3	19.2			16.0	16.9			14.3	14.8		
38.0	20.5	20.5	17.6/39.3		19.0	19.0			15.2	16.1			13.5	14.4		
40.0	19.3	19.5	17.2		18.5	18.4	16.6/40.8		14.5	15.4			12.8	13.6		
42.0	17.9	18.3	16.1		17.9	18.0	16.0		13.8	14.6	15.6/42.3		12.2	12.9	14.0/43.8	
44.0	16.6	17.2	15.1		16.6	17.6	15.0		13.3	13.9	14.8		11.6	12.3	14.0	
46.0	15.3	16.2	14.3		15.4	16.6	14.1		12.7	13.3	14.0		11.2	11.7	13.6	
48.0	14.1	15.4	13.5		14.3	15.8	13.3		12.3	12.8	13.2		10.6	11.2	13.0	
50.0	13.0	14.6	12.7		13.2	14.7	12.6		11.8	12.3	12.4		10.3	10.7	12.3	
52.0	11.8	13.4	12.1	10.0/53.7	12.2	13.6	11.9		11.4	11.8	11.8		9.9	10.3	11.6	
54.0	11.1/53.6	12.3	11.5	10.0	11.2	12.6	11.3	9.5/55.5	11.2	11.5	11.2		9.6	10.0	11.0	
56.0		11.3/55.8	10.9	9.4	10.1	11.6	10.8	9.3	10.6	11.2	10.6	8.8/57.5	9.3	9.6	10.5	
58.0			10.4	9.0	9.8/56.5	10.5	10.2	8.8	9.6	10.9	10.1	8.7	9.1	9.3	9.9	8.2/59.5
60.0			9.9	8.5		10.1/58.7	9.8	8.4	9.0/59.5	10.0	9.6	8.2	9.0	9.1	9.5	8.1
62.0			9.4	8.1			9.3	8.0		9.2/61.7	9.1	7.8	8.3	9.0	9.0	7.7
64.0			9.2/63.1	7.8			8.9	7.6			8.7	7.4	8.1/62.4	8.7	8.6	7.3
66.0				7.4			8.5	7.3			8.3	7.1		8.4/64.6	8.2	7.0
68.0				7.1				6.9			8.0	6.8			7.8	6.7
70.0				6.7				6.6			7.8/69.0	6.5			7.5	6.3
72.0				6.6/70.1				6.3				6.2			7.2/71.9	6.1
74.0								6.2/73.0				5.9				5.8
76.0												5.6/75.9				5.5
78.0																5.3
80.0																5.2/78.9

SCX2500, luffing jib ratings 360 deg

Summary chart acc. ANSI B30.5 & SAE J987

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

Jib length (m)	tower 45.70m																			
	21.35				24.40				27.45				30.50				33.50			
Tower angle (°)	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65
Reeved lines	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Wind(m/sec) Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
10.0	54.0/10.2																			
11.0	54.0				53.8/11.1															
12.0	53.8				53.7				50.8				45.4/12.9							
13.0	53.6	53.1/13.6			53.5				50.0				45.4				40.8/13.8			
14.0	53.4	53.0			53.3	52.7/14.7			49.2				45.1				40.7			
15.0	50.5	52.8			51.7	52.6			48.4	50.6/15.7			44.8				40.5			
16.0	45.8	52.6			49.8	52.3			47.6	50.0			43.6	44.4/16.8			40.3	40.5/17.8		
18.0	40.5	48.0			44.7	48.4			44.5	46.4			40.9	42.5			38.9	40.3		
20.0	34.0	39.9			40.5	45.2			41.9	43.4			38.6	39.8			36.7	37.8		
22.0	28.5	35.7			34.8	39.7			39.6	40.8			36.5	37.5			34.8	35.7		
24.0	24.8	30.1	32.8/24.8		29.8	36.3			35.4	38.1			34.7	35.5			33.2	33.8		
26.0	24.1/24.2	26.5	31.0		27.0	31.3	30.4/26.3		31.0	34.6	28.1/27.9		33.2	33.7			31.7	32.2		
28.0		24.7/26.6	28.3		23.8/27.2	26.7	28.1		26.9	31.6	28.0		31.9	31.1	26.4/29.4		30.4	30.9		
30.0			26.0			24.4/29.6	25.8		24.2	28.2	25.7		29.0	28.6	25.8		29.3	28.5	24.6/30.9	
32.0			24.0				23.9		23.9/30.1	25.7	23.7		25.6	26.4	23.8		26.5	26.3	23.6	
34.0			22.2	18.8/35.3			22.1			24.5/32.5	22.0		23.8/33.1	24.5	22.1		23.7	24.4	21.8	
36.0			21.9/34.4	18.3			20.6	17.4/37.2			20.5			23.4/35.4	20.6		20.7	22.8	20.3	
38.0				17.2			19.7/37.4	17.0			19.2	16.2/39.2			19.2			21.3	19.0	
40.0				16.1				15.9			18.0	15.8			18.0	15.0/41.2		21.1/38.4	17.8	
42.0				15.2/41.9				15.0			17.8/40.3	14.9			16.9	14.6			16.8	13.9/43.1
44.0								14.1				13.9			16.3/43.3	13.8			15.8	13.5
46.0								13.8/44.8				13.3				13.0			14.9	12.8
48.0												12.6/47.8				12.3			14.8/46.2	12.1
50.0																11.7				11.5
52.0																11.6/50.7				10.9
54.0																				10.4/53.7

SCX2500, luffing jib ratings 360 deg

Summary chart acc. ANSI B30.5 & SAE J987

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

Jib length (m)	tower 45.70m																			
	36.55				39.60				42.65				45.70				48.75			
Tower angle (°)	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65
Reeved lines	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2
Wind(m/sec) Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
14.0	36.7/14.6																			
15.0	36.6				33.2/15.5															
16.0	36.4				33.1				30.1/16.4				27.4/17.3							
18.0	36.2	37.2/18.8			32.9	33.5/19.9			30.0				27.4				25.0/18.2			
20.0	34.8	35.9			32.5	33.5			29.8	30.9/20.9			27.3				24.9			
22.0	33.1	33.9			31.0	31.7			29.3	30.0			27.2	28.1			24.8	25.7/23.0		
24.0	31.5	32.2			29.7	30.2			28.0	28.6			26.2	26.8			24.5	25.0		
26.0	30.2	30.8			28.4	28.9			26.9	27.3			25.3	25.6			23.6	23.9		
28.0	29.0	29.3			27.3	27.7			25.9	26.1			24.3	24.6			22.7	22.9		
30.0	27.9	28.2			26.4	26.6			24.9	25.1			23.4	23.6			22.0	22.1		
32.0	26.7	26.4	23.1/32.4		25.6	25.7			24.2	24.3			22.7	22.8			21.2	21.3		
34.0	24.2	24.5	21.7		24.3	24.4	21.5		23.5	23.5	20.2/35.5		22.1	22.1			20.6	20.6		
36.0	21.8	22.8	20.2		22.2	22.8	20.0		22.4	22.7	19.8		21.4	21.4	19.0/37.0		20.1	20.0		
38.0	19.5	21.3	18.9		20.2	21.4	18.7		20.5	21.4	18.5		20.6	20.7	18.4		19.5	19.4	17.9/38.5	
40.0	18.4/38.9	20.1	17.7		18.2	20.0	17.5		18.8	20.0	17.3		19.0	19.7	17.2		19.1	19.0	17.0	
42.0		19.3/41.3	16.6		16.3/41.9	18.7	16.5		17.1	18.8	16.2		17.4	18.5	16.1		17.7	18.4	15.9	
44.0			15.7	13.0/45.1		16.9	15.5		15.3	17.7	15.3		15.9	18.0	15.2		16.3	17.3	15.0	
46.0			14.8	12.6		16.6/44.3	14.6	12.3/47.0	14.7/44.8	16.0	14.4		14.5	16.5	14.3		15.0	16.3	14.1	
48.0			14.0	12.0			13.8	12.0		14.9/47.2	13.6	11.4/49.0	13.1/47.8	15.1	13.5		13.7	15.5	13.3	
50.0			13.6/49.2	11.3			13.1	11.3			12.9	11.1		13.5	12.8	10.7/51.0	12.4	14.2	12.6	
52.0				10.7			12.5	10.8			12.3	10.5		13.3/50.2	12.1	10.4	11.9/50.7	12.9	12.0	10.0/52.9
54.0				10.2			12.4/52.1	10.2			11.7	10.0			11.5	9.9		12.1/53.1	11.4	9.7
56.0				9.7				9.7			11.3/55.1	9.5			11.0	9.4			10.8	9.2
58.0				9.6/56.6				9.2				9.0			10.5	8.9			10.3	8.7
60.0								8.9/59.6				8.6				8.5			9.8	8.3
62.0												8.2				8.1			9.6/60.9	7.9
64.0												8.1/62.5				7.7				7.5
66.0																7.5/65.5				7.2
68.0																				6.9
70.0																				6.8/68.4

SCX2500, luffing jib ratings 360 deg

Summary chart acc. ANSI B30.5 & SAE J987

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

Jib length (m)	tower 45.70m															
	51.80				54.85				57.90				60.95			
Tower angle (°)	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65
Reeved lines	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Wind(m/sec) Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
18.0	22.8/19.1															
20.0	22.8				21.0				19.3/20.9				17.8/21.8			
22.0	22.7				20.9				19.2				17.8			
24.0	22.6	24.9/24.1			20.8	21.8/25.1			19.1				17.1			
26.0	22.5	24.2			20.7	21.5			18.7	19.1/26.1			16.6	16.7/27.2		
28.0	22.4	23.5			20.5	20.9			18.1	18.5			16.1	16.5		
30.0	22.3	22.6			20.1	20.3			17.7	18.0			15.7	15.9		
32.0	21.5	21.7			19.8	19.9			17.3	17.4			15.2	15.5		
34.0	20.9	21.0			19.3	19.4			17.0	17.1			14.9	15.0		
36.0	20.2	20.3			18.8	18.9			16.1	16.7			14.3	14.7		
38.0	19.6	19.6			18.2	18.3			15.2	16.2			13.5	14.4		
40.0	19.2	19.1	16.7/40.1		17.8	17.8	15.8/41.6		14.5	15.5			12.8	13.7		
42.0	18.0	18.3	15.7		17.4	17.3	15.6		13.8	14.7	14.9/43.1		12.3	12.9		
44.0	16.7	17.2	14.8		16.7	16.9	14.7		13.3	14.0	14.5		11.6	12.4	13.9/44.6	
46.0	15.4	16.2	13.9		15.5	16.2	13.8		12.7	13.4	13.6		11.2	11.7	13.5	
48.0	14.2	15.3	13.2		14.4	15.3	13.0		12.3	12.8	12.8		10.6	11.3	12.7	
50.0	13.1	14.5	12.4		13.3	14.6	12.3		11.8	12.3	12.1		10.3	10.7	12.0	
52.0	11.9	13.6	11.8		12.3	13.8	11.7		11.4	11.9	11.5		9.9	10.3	11.3	
54.0	11.0/53.7	12.5	11.2	9.3/54.9	11.2	12.7	11.1		11.2	11.5	10.9		9.5	10.0	10.7	
56.0		11.2	10.6	9.0	10.2	11.7	10.5	8.7/56.8	10.7	11.2	10.3		9.3	9.6	10.2	
58.0		11.1/56.1	10.1	8.6	9.8/56.6	10.7	10.0	8.4	9.7	11.0	9.8	8.1/58.8	9.1	9.3	9.7	
60.0			9.6	8.1		10.2/59.0	9.5	8.0	9.0/59.6	10.2	9.3	7.8	9.0	9.1	9.2	7.6/60.7
62.0			9.2	7.7			9.1	7.6		9.2/61.5	8.9	7.4	8.4	9.1	8.8	7.3
64.0			8.8/63.9	7.4			8.7	7.3			8.5	7.1	8.1/62.5	8.8	8.3	6.9
66.0				7.0			8.3	6.9			8.1	6.7		8.3/64.9	8.0	6.6
68.0				6.7			8.1/66.8	6.6			7.7	6.4			7.6	6.3
70.0				6.4				6.3			7.4/69.8	6.1			7.3	6.0
72.0				6.2/71.3				6.0				5.8			7.0	5.7
74.0								5.7				5.6			6.9/72.7	5.4
76.0								5.6/74.3				5.3				5.2
78.0												5.1/77.2				4.9
80.0																4.7
82.0																4.6/80.2

SCX2500, luffing jib ratings 360 deg

Summary chart acc. ANSI B30.5 & SAE J987

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

Jib length (m)	tower 48.75m																			
	21.35				24.40				27.45				30.50				33.50			
Tower angle (°)	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65
Reeved lines	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	3
Wind(m/sec) Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
10.0	54.0/10.3																			
11.0	54.0				53.8/11.2															
12.0	53.8				53.7				47.5/12.1											
13.0	53.6	53.0/13.9			52.2				47.0				42.8				38.6/13.9			
14.0	51.9	53.0			50.1	50.9/14.9			46.5				42.4				38.5			
15.0	49.8	52.8			48.1	50.9			46.0				42.0				38.2			
16.0	46.2	50.6			46.4	48.8			44.5	40.5			40.9	40.2/17.0			37.9			
18.0	40.9	46.7			43.2	45.2			41.6	40.3			38.2	39.8			36.5	37.8/18.1		
20.0	34.3	40.8			40.4	42.1			39.1	39.8			36.0	37.2			34.4	35.5		
22.0	28.8	36.5			35.0	39.4			36.9	38.0			34.1	35.0			32.6	33.5		
24.0	25.1	30.8	31.0/25.6		30.1	37.0			35.0	35.9			32.4	33.2			31.1	31.7		
26.0	24.1/24.3	25.5	30.4		25.5	31.9	28.7/27.1		31.2	34.2			31.0	31.5			29.7	30.2		
28.0		24.5/26.9	27.8		23.8/27.3	27.3	27.6		27.1	31.6	26.7/28.6		29.7	30.1			28.4	28.9		
30.0			25.5			24.6/29.8	25.3		24.5	29.1	25.2		28.7	28.7	25.0/30.2		27.5	27.7	23.3/31.7	
32.0			23.5				23.4		24.0/30.2	26.3	23.2		25.7	26.5	23.3		26.6	26.4	23.1	
34.0			21.8				21.7			24.7/32.8	21.6		23.7/33.2	24.6	21.6		23.7	24.5	21.4	
36.0			20.9/35.2	17.3/36.6			20.2				20.1			23.2/35.7	20.1		20.8	22.8	19.9	
38.0				16.5			18.9	16.1/38.5			18.8				18.8		20.7/36.1	21.4	18.6	
40.0				15.5			18.7/38.2	15.3			17.6	14.9/40.5			17.6			20.9/38.7	17.4	
42.0				14.6				14.4			17.0/41.1	14.3			16.6	13.9/42.4			16.4	
44.0				14.0/43.2				13.5				13.4			15.6	13.2			15.4	12.8/44.4
46.0								12.8				12.7			15.5/44.1	12.5			14.6	12.2
48.0								12.7/46.1				12.0				11.8			14.2/47.0	11.5
50.0											11.6/49.1					11.2				10.9
52.0																10.6				10.4
54.0																				9.9
56.0																				9.4/55.0

SCX2500, luffing jib ratings 360 deg

Summary chart acc. ANSI B30.5 & SAE J987

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

Jib length (m)	tower 48.75m																			
	36.55				39.60				42.65				45.70				48.75			
Tower angle (°)	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65
Reeved lines	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2
Wind(m/sec) Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
14.0	34.9/14.8																			
15.0	34.8				31.7/15.6															
16.0	34.5				31.6				28.8/16.5				26.3/17.4							
18.0	34.2	34.8/19.1			31.3				28.7				26.2				24.0/18.3			
20.0	32.7	33.8			30.8	31.5/20.2			28.4	29.1/21.2			26.0				23.9			
22.0	31.1	32.0			29.3	30.0			27.8	28.4			25.8	26.7/22.2			23.7	24.4/23.3		
24.0	29.7	30.3			28.0	28.6			26.5	27.1			24.9	25.5			23.4	23.9		
26.0	28.3	28.9			26.8	27.2			25.4	25.8			23.9	24.3			22.4	22.8		
28.0	27.2	27.6			25.8	26.0			24.5	24.7			22.9	23.3			21.6	21.8		
30.0	26.1	26.4			24.8	25.0			23.6	23.7			22.2	22.4			20.9	21.0		
32.0	25.4	25.4	21.9/33.2		24.0	24.2			22.7	22.8			21.4	21.5			20.1	20.2		
34.0	24.3	24.5	21.3		23.4	23.3	20.5/34.7		22.1	22.1			20.7	20.9			19.5	19.5		
36.0	21.9	22.8	19.8		22.2	22.6	19.6		21.5	21.4	19.1/36.3		20.2	20.2	18.0/37.8		19.0	19.0		
38.0	19.6	21.3	18.5		20.2	21.2	18.3		20.6	20.7	18.1		19.8	19.5	17.9		18.5	18.3	17.0/39.3	
40.0	18.3/39.1	20.0	17.3		18.2	18.9	17.1		18.8	18.9	16.9		19.0	19.1	16.8		18.1	17.9	16.6	
42.0		19.0/41.6	16.3		16.1	18.7	16.1		17.1	18.7	15.8		17.5	18.4	15.7		17.7	17.4	15.5	
44.0			15.3			17.1	15.1		15.4	17.7	14.9		16.0	17.3	14.8		16.3	17.1	14.6	
46.0			14.5	12.2/46.4		16.7/44.5	14.3		14.6/44.9	16.2	14.1		14.5	16.3	13.9		15.0	16.2	13.8	
48.0			13.7	11.6			13.5	11.4/48.3		15.0/47.5	13.3		13.2/47.9	15.2	13.2		13.7	15.3	13.0	
50.0			13.0	11.0			12.8	10.8			12.6	10.5/50.3		13.7	12.5		12.4	14.4	12.3	
52.0				10.5			12.2	10.3			11.9	10.0		13.4/50.4	11.8	9.9/52.2	11.8/50.8	13.1	11.6	
54.0				9.9			11.9/52.9	9.8			11.4	9.5			11.2	9.4		12.2/53.4	11.1	9.2/54.2
56.0				9.5				9.3			10.9/55.8	9.1			10.7	8.9			10.5	8.7
58.0				9.0/57.9				8.8				8.6			10.2	8.5			10.0	8.3
60.0								8.4				8.2			10.0/58.8	8.1			9.5	7.9
62.0								8.2/60.9				7.8				7.7			9.2/61.7	7.5
64.0												7.5/63.8				7.3				7.1
66.0																7.0				6.8
68.0																6.9/66.7				6.5
70.0																				6.2/69.7

SCX2500, luffing jib ratings 360 deg

Summary chart acc. ANSI B30.5 & SAE J987

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

Jib length (m)	tower 48.75m															
	51.80				54.85				57.90				60.95			
Tower angle (°)	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65
Reeved lines	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Wind(m/sec) Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
18.0	22.0/19.2															
20.0	21.9				20.3/20.1				18.7/21.0				17.3/21.9			
22.0	21.8				20.2				18.6				17.2			
24.0	21.7	24.5/24.3			20.1	21.6/25.4			18.5				17.0			
26.0	21.6	23.6			20.0	21.4			18.4	18.9/26.4			16.5	16.6/27.5		
28.0	21.5	22.5			19.9	20.7			18.0	18.4			15.9	16.3		
30.0	21.3	21.6			19.8	20.1			17.6	17.9			15.5	15.8		
32.0	20.5	20.7			19.1	19.4			17.1	17.3			15.1	15.4		
34.0	19.9	20.0			18.5	18.7			16.8	16.9			14.8	14.9		
36.0	19.3	19.3			18.0	18.0			16.1	16.6			14.4	14.6		
38.0	18.8	18.8			17.4	17.4			15.2	16.1			13.6	14.3		
40.0	18.2	18.2	16.0/40.8		17.0	17.0			14.6	15.5			12.8	13.8		
42.0	17.8	17.7	15.4		16.6	16.5	15.0/42.4		13.9	14.7	14.1/43.9		12.3	13.0		
44.0	16.7	17.2	14.4		16.2	16.1	14.3		13.3	14.0	14.1		11.6	12.4	13.4/45.4	
46.0	15.4	16.4	13.6		15.5	15.7	13.4		12.7	13.4	13.3		11.2	11.8	13.1	
48.0	14.3	15.5	12.8		14.4	15.5	12.7		12.3	12.8	12.5		10.7	11.3	12.4	
50.0	13.1	14.6	12.1		13.3	14.7	12.0		11.8	12.4	11.8		10.3	10.8	11.7	
52.0	12.0	13.7	11.5		12.3	13.9	11.3		11.4	11.9	11.1		9.9	10.4	11.0	
54.0	10.9/53.8	12.6	10.9		11.3	12.8	10.7		11.1	11.5	10.6		9.5	10.0	10.4	
56.0		11.4	10.3	8.5/56.2	10.2	11.8	10.2		10.7	11.2	10.0		9.3	9.6	9.9	
58.0		10.8/56.9	9.8	8.1	9.9/56.7	10.8	9.7	8.0/58.1	9.7	11.0	9.5		9.1	9.4	9.4	
60.0			9.4	7.7		10.1/59.3	9.2	7.6	9.0/59.7	10.3	9.0	7.4/60.1	8.9	9.1	8.9	
62.0			8.9	7.3			8.8	7.2		9.3	8.6	7.0	8.4	9.0	8.5	6.9
64.0			8.5	7.0			8.4	6.8		9.2/62.2	8.2	6.7	8.1/62.6	8.9	8.1	6.5
66.0			8.4/64.7	6.6			8.0	6.5			7.8	6.3		8.4/65.2	7.7	6.2
68.0				6.3			7.7/67.6	6.2			7.5	6.0			7.4	5.9
70.0				6.0				5.9			7.2	5.7			7.0	5.6
72.0				5.8				5.6			7.1/70.6	5.5			6.7	5.3
74.0				5.7/72.6				5.4				5.2			6.5/73.5	5.1
76.0								5.2/75.2				4.9				4.8
78.0												4.7				4.6
80.0												4.6/78.5				4.4
82.0																4.2/81.5

SCX2500, luffing jib ratings 360 deg

Summary chart acc. ANSI B30.5 & SAE J987

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

Jib length (m)	tower 51.80m																			
	21.35				24.40				27.45				30.50				33.50			
Tower angle (°)	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65
Reeved lines	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	3	3	3	3	3
Wind(m/sec) Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
10.0	54.0/10.4																			
11.0	54.0				52.4/11.3															
12.0	52.5				50.8				44.6/12.2											
13.0	50.1				48.6				44.2				40.4/13.1							
14.0	48.0	50.8/14.2			46.5				43.7				40.3				36.6			
15.0	46.2	49.0			44.7	46.9/15.2			43.1				39.4				36.5			
16.0	44.4	46.9			43.0	45.4			41.5	43.3/16.3			38.1	38.1/17.3			36.4			
18.0	41.3	43.4			40.1	42.0			38.8	40.5			35.6	37.1			34.1	35.2/18.3		
20.0	34.7	40.3			37.6	39.1			36.4	37.8			33.5	34.7			32.2	33.3		
22.0	29.1	37.3			35.3	36.7			34.4	35.5			31.7	32.6			30.4	31.3		
24.0	25.4	31.5			30.3	34.6			32.6	33.5			30.1	30.9			29.0	29.7		
26.0	24.2/24.4	26.2	29.4/26.4		25.8	32.5	27.3/27.9		31.1	31.7			28.8	29.3			27.7	28.2		
28.0		24.8/27.1	27.4		23.9/27.4	27.9	27.3		27.3	30.3	25.6/29.4		27.6	27.9			26.6	26.9		
30.0			25.1			24.8	25.0		24.7	28.7	25.0		26.6	26.8	23.9/31.0		25.6	25.8		
32.0			23.2			24.5/30.1	23.1		24.0/30.3	25.2	23.0		25.9	25.8	23.0		24.7	24.8	22.3/32.5	
34.0			21.5				21.3			24.6/33.0	21.4		23.6/33.3	24.5	21.3		23.9	23.9	21.0	
36.0			20.0	16.1/37.9			19.9				19.9			22.8	19.8		21.0	22.7	19.6	
38.0				16.1			18.6	14.9/39.8			18.6				18.5		20.7/36.2	21.3	18.3	
40.0				15.0			18.0/39.0	14.9			17.4	13.9/41.8			17.4			20.7/38.9	17.1	
42.0				14.2				14.0			16.4/41.9	13.8			16.3	13.2/43.7			16.1	
44.0				13.3				13.1				13.0			15.4	13.0			15.2	12.2/45.7
46.0				13.1/44.5				12.4				12.3			15.0/44.9	12.3			14.3	12.1
48.0								11.9/47.4				11.6				11.6			13.6/47.8	11.4
50.0												11.1				11.0				10.8
52.0												10.9/50.4				10.4				10.2
54.0																10.0/53.3				9.7
56.0																				9.2
58.0																				9.1/56.3

SCX2500, luffing jib ratings 360 deg

Summary chart acc. ANSI B30.5 & SAE J987

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

Jib length (m)	tower 51.80m																			
	36.55				39.60				42.65				45.70				48.75			
Tower angle (°)	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65
Reeved lines	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2
Wind(m/sec) Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
14.0	33.2/14.9																			
15.0	33.2				30.2/15.8															
16.0	33.1				30.2				27.5/16.6				25.2/17.5							
18.0	32.6	32.4/19.4			30.1				27.4				25.2				23.1/18.4			
20.0	30.8	31.9			29.0	29.5/20.4			27.3	27.3/21.5			25.1				23.0			
22.0	29.1	30.0			27.6	28.3			26.2	26.9			24.7	25.0/22.5			22.9	23.1/23.5		
24.0	27.7	28.3			26.2	26.9			25.0	25.6			23.6	24.2			22.2	22.7		
26.0	26.5	27.0			25.1	25.6			23.9	24.4			22.6	22.9			21.3	21.6		
28.0	25.4	25.7			24.2	24.5			22.9	23.3			21.7	22.0			20.4	20.7		
30.0	24.5	24.7			23.3	23.5			22.2	22.3			20.9	21.1			19.6	19.9		
32.0	23.6	23.7			22.5	22.6			21.4	21.5			20.2	20.3			19.0	19.1		
34.0	22.9	22.8	20.9		21.8	21.8	19.6/35.5		20.7	20.7			19.5	19.5			18.4	18.4		
36.0	22.0	22.2	19.5		21.3	21.1	19.3		20.1	20.1	18.3/37.1		19.0	18.9			17.9	17.9		
38.0	19.6	21.1	18.2		20.3	20.5	18.0		19.6	19.4	17.7		18.4	18.3	17.3/38.6		17.4	17.3		
40.0	18.3/39.2	19.8	17.0		18.3	19.6	16.8		18.9	19.0	16.6		18.1	17.9	16.5		17.0	16.8	16.2/40.1	
42.0		18.7/41.9	16.0		16.2	18.4	15.8		17.2	18.5	15.6		17.5	17.4	15.4		16.7	16.3	15.3	
44.0			15.1		16.1/42.1	17.4	14.9		15.5	17.5	14.6		16.0	17.0	14.5		16.3	16.0	14.3	
46.0			14.2	11.4/47.6		17.0/44.8	14.0		14.6/45.0	16.4	13.8		14.6	16.2	13.7		15.1	15.7	13.5	
48.0			13.5	11.3			13.3	10.5/49.6		15.4/47.8	13.0		13.0	15.3	12.9		13.8	15.4	12.7	
50.0			12.8	10.7			12.6	10.5			12.4	9.8/51.6		13.9	12.2		12.4	14.5	12.0	
52.0			12.5/50.7	10.1			11.9	9.9			11.7	9.7		13.4/50.7	11.6	9.2/53.5	11.9/50.9	13.2	11.4	
54.0				9.6			11.4/53.7	9.4			11.1	9.2			11.0	9.1		12.1/53.6	10.8	8.5/55.5
56.0				9.1				8.9			10.6	8.7			10.5	8.6			10.3	8.4
58.0				8.7				8.5			10.4/56.6	8.3			10.0	8.1			9.8	8.0
60.0				8.4/59.2				8.1				7.9			9.6/59.6	7.8			9.3	7.6
62.0								7.7				7.5				7.4			8.9	7.2
64.0								7.6/62.1				7.2				7.0			8.8/62.5	6.8
66.0												6.9/65.1				6.7				6.5
68.0																6.4				6.2
70.0																				5.9
72.0																				5.8/71.0

SCX2500, luffing jib ratings 360 deg

Summary chart acc. ANSI B30.5 & SAE J987

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

Jib length (m)	tower 51.80m															
	51.80				54.85				57.90				60.95			
Tower angle (°)	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65
Reeved lines	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Wind(m/sec) Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
18.0	21.3/19.3															
20.0	21.3				19.6/20.2				18.1/21.1							
22.0	21.2				19.5				18.1				16.8			
24.0	21.1	23.4/24.6			19.4	21.3/25.6			18.0				16.7			
26.0	21.0	22.5			19.3	21.1			17.9	18.7/26.7			16.2	16.2/27.7		
28.0	20.9	21.5			19.2	20.2			17.8	18.2			15.8	16.2		
30.0	20.3	20.6			19.0	19.3			17.3	17.7			15.4	15.7		
32.0	19.5	19.8			18.3	18.5			16.9	17.1			14.9	15.2		
34.0	18.9	19.1			17.7	17.9			16.3	16.5			14.6	14.8		
36.0	18.3	18.3			17.1	17.2			15.8	15.9			14.4	14.5		
38.0	17.8	17.8			16.7	16.7			15.2	15.4			13.6	14.1		
40.0	17.2	17.2	15.3/41.6		16.1	16.1			14.6	14.9			12.8	13.7		
42.0	16.9	16.7	15.1		15.8	15.7	14.4/43.2		13.9	14.5			12.3	13.2		
44.0	16.5	16.2	14.1		15.5	15.2	14.0		13.3	14.0	13.5/44.7		11.6	12.5		
46.0	15.5	15.9	13.3		15.1	14.9	13.2		12.7	13.5	13.0		11.2	11.8	12.8/46.2	
48.0	14.3	15.3	12.6		14.4	14.6	12.4		12.3	12.9	12.2		10.7	11.3	12.1	
50.0	13.2	14.4	11.9		13.4	14.3	11.7		11.8	12.4	11.5		10.3	10.8	11.4	
52.0	12.0	13.8	11.2		12.3	13.9	11.1		11.4	11.9	10.9		9.9	10.4	10.8	
54.0	11.0/53.9	12.7	10.6		11.3	13.0	10.5		11.1	11.6	10.3		9.5	10.0	10.2	
56.0		11.5	10.1	7.9/57.4	10.2	11.9	10.0		10.7	11.2	9.8		9.3	9.6	9.7	
58.0		11.1/56.6	9.6	7.8	9.8/56.8	10.9	9.5	7.4/59.4	9.8	11.0	9.3		9.1	9.4	9.2	
60.0			9.1	7.4		10.1/59.5	9.0	7.3	8.9/59.8	10.4	8.8	6.8/61.4	8.9	9.1	8.7	
62.0			8.7	7.0			8.6	6.9		9.4	8.4	6.7	8.4	9.0	8.3	6.3/63.3
64.0			8.3	6.7			8.2	6.5		9.1/62.5	8.0	6.3	8.2/62.7	8.9	7.9	6.2
66.0			8.1/65.5	6.3			7.8	6.2			7.6	6.0		8.4/65.4	7.5	5.9
68.0				6.0			7.5	5.9			7.3	5.7			7.2	5.6
70.0				5.7			7.4/68.4	5.6			7.0	5.4			6.8	5.3
72.0				5.5				5.4			6.8/71.4	5.2			6.5	5.1
74.0				5.2/73.9				5.1				4.9			6.3	4.8
76.0								4.9				4.7			6.2/74.3	4.6
78.0								4.8/76.9				4.5				4.3
80.0												4.3/79.8				4.1
82.0																4.0
84.0																3.9/82.7

SCX2500, luffing jib ratings 360 deg

Summary chart acc. ANSI B30.5 & SAE J987

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

Jib length (m)	tower 54.85m																			
	24.40				27.45				30.50				33.50				36.55			
Tower angle (°)	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65
Reeved lines	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Wind(m/sec) Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
11.0	47.3/11.4																			
12.0	47.0				40.5/12.3															
13.0	44.9				40.4				38.0/13.2											
14.0	43.1				40.3				37.9				34.4/14.1							
15.0	41.4	43.1/15.5			40.0				36.7				34.2				31.5			
16.0	39.9	42.2			38.5	39.8/16.5			35.4	35.0/17.6			33.6				31.3			
18.0	37.2	39.0			35.9	37.7			33.2	34.6			31.6	32.2/18.6			30.2	29.9/19.6		
20.0	34.9	36.4			33.8	35.2			31.2	32.3			29.8	30.8			28.6	29.5		
22.0	33.0	34.1			32.0	33.0			29.5	30.4			28.2	29.0			27.1	27.9		
24.0	30.6	32.2			30.3	31.2			28.1	28.8			26.9	27.5			25.8	26.4		
26.0	26.0	30.5			29.0	29.5			26.8	27.2			25.8	26.1			24.7	25.1		
28.0	23.9/27.5	28.5	26.0/28.7		27.5	28.2			25.8	26.0			24.7	25.0			23.7	23.9		
30.0		25.5	24.7		25.0	27.0	24.3/30.2		24.8	24.9	22.7/31.7		23.8	23.9			22.8	22.9		
32.0		24.9/30.4	22.8		24.0/30.4	25.7	22.6		24.2	24.0	22.4		23.1	23.1	21.2/33.3		22.1	22.1		
34.0			21.1			23.6/33.3	21.0		24.0/33.4	23.3	20.8		22.5	22.3	20.6		21.4	21.3	19.8/34.8	
36.0			19.7				19.5			22.7	19.4		21.1	21.7	19.1		21.0	20.6	19.0	
38.0			18.4				18.3			22.6/36.2	18.1		20.7/36.3	21.2	17.9		19.8	20.1	17.7	
40.0			17.3/39.8	13.7/41.1			17.1				17.0				20.4/39.2	16.7		18.2/39.3	19.7	16.6
42.0				13.3			16.1	12.7/43.1			15.9				15.7			18.6	15.6	
44.0				12.5			15.8/42.7	12.4			15.0	12.1/45.0			14.8			18.5/42.1	14.7	
46.0				11.8				11.7			14.3/45.6	11.7			14.0	11.2/47.0			13.9	
48.0				11.2				11.0				11.1			13.2	10.8			13.1	10.4/48.9
50.0				10.9/48.7				10.5				10.5			13.0/48.6	10.3			12.4	10.1
52.0								10.0/51.7				9.9				9.7			11.9/51.5	9.6
54.0												9.4				9.2				9.1
56.0												9.3/54.6				8.8				8.7
58.0																8.4/57.5				8.2
60.0																				7.8
62.0																				7.7/60.5

SCX2500, luffing jib ratings 360 deg

Summary chart acc. ANSI B30.5 & SAE J987

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

Jib length (m)	tower 54.85m																			
	39.60				42.65				45.70				48.75				51.80			
Tower angle (°)	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65
Reeved lines	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Wind(m/sec) Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
15.0	28.8/15.9																			
16.0	28.8				26.4/16.8				24.2/17.6											
18.0	28.6				26.3				24.2				22.3/18.5				20.5/19.4			
20.0	27.2	27.6/20.7			25.9	25.6/21.7			24.0				22.2				20.5			
22.0	25.8	26.6			24.6	25.4			23.3	23.5/22.8			22.0	21.6/23.8			20.4			
24.0	24.6	25.1			23.5	24.0			22.2	22.7			21.0	21.5			20.3	22.1/24.9		
26.0	23.5	23.9			22.4	22.8			21.2	21.6			20.1	20.4			20.2	21.4		
28.0	22.6	22.8			21.5	21.8			20.4	20.6			19.2	19.5			20.1	20.4		
30.0	21.7	22.0			20.7	20.9			19.6	19.8			18.5	18.7			19.2	19.5		
32.0	21.0	21.1			20.0	20.1			18.9	19.0			17.9	18.0			18.5	18.8		
34.0	20.4	20.3			19.3	19.3			18.3	18.3			17.3	17.3			17.9	18.0		
36.0	19.8	19.6	18.6/36.3		18.8	18.7	17.4/37.8		17.8	17.7			16.8	16.7			17.2	17.3		
38.0	19.3	19.1	17.5		18.3	18.1	17.3		17.2	17.1	16.4/39.4		16.3	16.1			16.8	16.8		
40.0	18.4	18.7	16.4		17.9	17.6	16.2		16.9	16.6	16.0		15.9	15.7	15.4/40.9		16.2	16.2		
42.0	16.4	18.2	15.4		17.3	17.2	15.2		16.5	16.2	15.0		15.6	15.2	14.8		15.8	15.7	14.5/42.4	
44.0	16.1/42.2	17.6	14.5		15.6	16.9	14.3		16.1	15.8	14.1		15.2	14.9	13.9		15.5	15.2	13.8	
46.0		17.0/45.1	13.7		14.5/45.2	16.7	13.4		14.7	15.6	13.3		15.0	14.6	13.1		15.1	14.9	12.9	
48.0			12.9			14.9	12.7		13.1	15.4	12.6		13.9	14.4	12.4		14.4	14.6	12.2	
50.0			12.2	9.7/50.9			12.0		13.0/48.1	14.1	11.9		12.5	14.1	11.7		13.2	14.3	11.5	
52.0			11.6	9.4			11.4	9.1/52.9		13.4/51.0	11.3		11.9/51.0	13.4	11.1		12.1	13.6	10.9	
54.0			11.1	8.9			10.8	8.6			10.7	8.4/54.8		12.2/53.9	10.5		10.8	12.9	10.3	
56.0			10.9/54.5	8.5			10.3	8.2			10.2	8.1			10.0	7.7/56.8		11.7	9.8	
58.0				8.0			9.9/57.4	7.8			9.7	7.7			9.5	7.5		11.1/56.9	9.3	7.2/58.7
60.0				7.6				7.4			9.2	7.3			9.1	7.1			8.9	6.9
62.0				7.3				7.1			9.1/60.4	6.9			8.6	6.7			8.4	6.6
64.0				7.0/63.4				6.7				6.6			8.4/63.3	6.4			8.1	6.2
66.0								6.4				6.3				6.1			7.7	5.9
68.0								6.3/66.4				6.0				5.8			7.6/66.3	5.6
70.0											5.8/69.3					5.5				5.4
72.0																5.3				5.1
74.0																5.2/72.3				4.9
76.0																				4.7/75.2

SCX2500, luffing jib ratings 360 deg

Summary chart acc. ANSI B30.5 & SAE J987

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

Jib length (m)	tower 54.85m											
	54.85				57.90				60.95			
Tower angle (°)	88	85	75	65	88	85	75	65	88	85	75	65
Reeved lines	2	2	2	2	2	2	2	2	2	2	2	2
Wind(m/sec) Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11
20.0	19.0/20.3				17.6/21.2							
22.0	18.9				17.6				16.3/22.1			
24.0	18.8	20.0/25.9			17.5				16.2			
26.0	18.7	20.0			17.4	18.1/26.9			16.1			
28.0	18.6	19.2			17.3	17.9			15.6	16.1		
30.0	18.1	18.3			16.8	17.0			15.1	15.6		
32.0	17.4	17.7			16.1	16.3			14.8	15.1		
34.0	16.8	16.9			15.6	15.7			14.4	14.6		
36.0	16.2	16.3			15.0	15.1			13.9	14.0		
38.0	15.7	15.8			14.6	14.6			13.5	13.5		
40.0	15.2	15.2			14.1	14.1			12.9	13.0		
42.0	14.9	14.8	13.7/43.9		13.8	13.7			12.3	12.6		
44.0	14.6	14.4	13.6		13.3	13.3	12.8/45.5		11.7	12.3		
46.0	14.3	14.0	12.8		12.7	12.9	12.6		11.2	11.9	12.1/47.0	
48.0	13.9	13.7	12.1		12.3	12.6	11.9		10.7	11.4	11.7	
50.0	13.4	13.4	11.4		11.8	12.4	11.2		10.3	10.8	11.1	
52.0	12.4	13.2	10.8		11.4	11.9	10.6		9.9	10.4	10.4	
54.0	11.4	12.9	10.2		11.1	11.6	10.0		9.5	10.1	9.9	
56.0	10.3	12.1	9.7		10.8	11.3	9.5		9.3	9.7	9.4	
58.0	9.9/56.9	11.1	9.2		9.8	11.0	9.0		9.1	9.4	8.9	
60.0		10.1/59.8	8.7	6.7/60.7	9.0/59.9	10.5	8.5		8.9	9.2	8.4	
62.0			8.3	6.4		9.6	8.1	6.1/62.7	8.8	9.0	8.0	
64.0			7.9	6.1		9.2/62.7	7.7	5.9	8.8/62.8	8.9	7.6	5.7/64.6
66.0			7.6	5.8			7.4	5.6		8.4/65.7	7.2	5.5
68.0			7.2	5.5			7.0	5.3			6.9	5.2
70.0			7.0/69.2	5.2			6.7	5.0			6.6	4.9
72.0				5.0			6.4	4.8			6.3	4.7
74.0				4.7			6.3/72.1	4.6			6.0	4.4
76.0				4.5				4.3			5.9/75.1	4.2
78.0				4.3				4.1				4.0
80.0				4.2/78.1				3.9				3.8
82.0								3.8/81.1				3.6
84.0												3.4

SCX2500, luffing jib ratings 360 deg

Summary chart acc. ANSI B30.5 & SAE J987

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

Jib length (m)	tower 57.90m																			
	27.45				30.50				33.50				36.55				39.60			
Tower angle (°)	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65
Reeved lines	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Wind(m/sec) Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
12.0	39.4/12.4																			
13.0	39.4				35.9/13.3															
14.0	38.6				35.4				32.8/14.2											
15.0	37.0				34.1				32.4				30.0/15.1							
16.0	35.7	36.6/16.8			32.8	32.3/17.8			31.4				29.8				27.5			
18.0	33.3	34.9			30.8	32.1			29.4	29.8/18.9			28.2	27.6/19.9			27.0			
20.0	31.3	32.6			28.9	30.0			27.8	28.7			26.7	27.6			25.5	25.6/21.0		
22.0	29.5	30.5			27.3	28.1			26.2	27.0			25.3	25.9			24.2	24.8		
24.0	28.1	28.8			25.9	26.6			25.0	25.6			24.0	24.6			22.9	23.5		
26.0	26.8	27.3			24.8	25.3			23.9	24.3			22.9	23.4			22.0	22.3		
28.0	25.8	26.0			23.8	24.0			22.9	23.2			22.1	22.3			21.1	21.3		
30.0	25.0	24.9	23.2/31.0		22.9	23.1			22.1	22.2			21.2	21.3			20.2	20.3		
32.0	24.0/30.5	24.0	22.3		22.3	22.2	21.7/32.5		21.4	21.3			20.4	20.5			19.5	19.5		
34.0		23.6/33.6	20.7		22.1/33.5	21.4	20.5		20.9	20.6	20.2/34.1		19.9	19.8	19.0/35.6		18.9	18.9		
36.0			19.3			21.0	19.1		20.5	20.0	18.8		19.3	19.1	18.7		18.3	18.2	17.8/37.1	
38.0			18.0			21.0/36.5	17.8		20.5/36.4	19.5	17.6		19.0	18.5	17.5		17.9	17.7	17.3	
40.0			16.9				16.7			19.4/39.5	16.5		18.3/39.4	18.1	16.4		17.6	17.1	16.2	
42.0			15.9				15.7				15.5			18.0	15.3		16.5	16.8	15.2	
44.0			15.2/43.5	12.1/44.3			14.8				14.6			18.0/42.4	14.5		16.3/42.3	16.6	14.3	
46.0				11.6			14.0	11.3/46.3			13.8				13.6			16.6/45.3	13.4	
48.0				10.9			13.8/46.4	10.7			13.0	10.4/48.3			12.9				12.7	
50.0				10.3				10.1			12.5/49.4	9.9			12.2	9.7/50.2			12.0	
52.0				9.8				9.6				9.4			11.6	9.3			11.4	9.0/52.2
54.0				9.5/52.9				9.1				8.9			11.5/52.3	8.8			10.8	8.6
56.0								8.7/55.9				8.4				8.4			10.5/55.3	8.1
58.0												8.1				7.9				7.7
60.0												7.9/58.8				7.6				7.4
62.0																7.2/61.8				7.0
64.0																				6.7
66.0																				6.5/64.7

SCX2500, luffing jib ratings 360 deg

Summary chart acc. ANSI B30.5 & SAE J987

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

Jib length (m)	tower 57.90m																			
	42.65				45.70				48.75				51.80				54.85			
Tower angle (°)	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65
Reeved lines	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Wind(m/sec) Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
16.0	25.3/16.9				23.2/17.7															
18.0	25.3				23.2				21.4/18.6				19.8/19.5							
20.0	24.3				23.1				21.3				19.8				18.3/20.4			
22.0	23.1	23.7			21.8	21.8/23.0			20.7				19.7				18.2			
24.0	22.0	22.4			20.9	21.3			19.8	20.2/24.1			19.6	20.7/25.1			18.1			
26.0	21.0	21.3			19.9	20.2			18.9	18.3			19.5	20.3			18.0	18.4/26.2		
28.0	20.1	20.3			19.0	19.3			18.0	17.6			18.9	19.3			17.9	18.2		
30.0	19.3	19.4			18.3	18.4			17.3	16.8			18.1	18.4			17.1	17.4		
32.0	18.5	18.7			17.7	17.7			16.7	16.1			17.4	17.7			16.5	16.7		
34.0	18.0	17.9			17.0	17.0			16.1	15.6			16.8	16.9			15.8	16.0		
36.0	17.4	17.3			16.5	16.3			15.6	15.0			16.2	16.2			15.2	15.4		
38.0	17.0	16.8	16.7/38.6		16.0	15.9			15.1	14.6			15.7	15.7			14.8	14.8		
40.0	16.6	16.2	15.9		15.6	15.4	15.6/40.2		14.8	14.1	14.4/41.7		15.2	15.1			14.4	14.3		
42.0	16.2	15.9	14.9		15.2	14.9	14.8		14.4	13.8	14.3		14.8	14.7	13.8/43.2		13.9	13.8		
44.0	15.7	15.5	14.0		15.0	14.6	13.9		14.1	13.5	13.7		14.4	14.3	13.5		13.6	13.4	13.1/44.7	
46.0	14.5/45.3	15.2	13.2		14.8	14.3	13.1		13.9	13.3	12.9		14.1	13.8	12.7		13.3	13.0	12.6	
48.0		15.2	12.5		13.2	14.0	12.3		13.7	13.0	12.2		13.8	13.5	12.0		13.0	12.7	11.8	
50.0		15.0/48.3	11.8		13.0/48.2	13.9	11.7		12.6	12.9	11.5		13.3	13.2	11.3		12.8	12.4	11.2	
52.0			11.2			13.6/51.2	11.1		11.9/51.1	12.9	10.9		12.2	12.9	10.7		12.5	12.2	10.5	
54.0			10.6	8.3/54.1			10.5			12.0	10.3		10.9	12.8	10.1		11.4	11.9	10.0	
56.0			10.1	7.9			10.0	7.7/56.1		12.0/54.2	9.8		10.9/54.1	11.9	9.6		10.4	11.8	9.5	
58.0			9.6	7.5			9.5	7.3			9.3	7.1/58.1		11.1/57.1	9.1		9.8/57.0	11.2	9.0	
60.0			9.5/58.2	7.1			9.1	7.0			8.9	6.8			8.7	6.6		10.1	8.5	6.2/61.0
62.0				6.8			8.8/61.2	6.7			8.4	6.4			8.3	6.2		10.0/60.1	8.1	6.1
64.0				6.4				6.3			8.1	6.1			7.9	5.9			7.7	5.8
66.0				6.1				6.0			8.0/64.1	5.8			7.5	5.6			7.4	5.5
68.0				5.9/67.7				5.7				5.5			7.4/67.0	5.4			7.1	5.2
70.0								5.5				5.3				5.1			6.7	5.0
72.0								5.4/70.6				5.0				4.8				4.7
74.0												4.8/73.5				4.6				4.5
76.0																4.4				4.3
78.0																4.3/76.5				4.1
80.0																				3.9/79.4

SCX2500, luffing jib ratings 360 deg

Summary chart acc. ANSI B30.5 & SAE J987

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

Jib length (m)	tower 57.90m							
	57.90				60.95			
Tower angle (°)	88	85	75	65	88	85	75	65
Reeved lines	2	2	2	2	2	2	2	2
Wind(m/sec) Radius(m)	11	11	11	11	11	11	11	11
20.0	17.0/21.3							
22.0	17.0				15.8/22.2			
24.0	16.9				15.7			
26.0	16.8	16.7/27.2			15.6			
28.0	16.6	16.7			15.4	15.1/28.2		
30.0	15.9	16.2			14.8	15.0		
32.0	15.2	15.5			14.1	14.5		
34.0	14.7	14.9			13.7	13.8		
36.0	14.3	14.3			13.2	13.3		
38.0	13.8	13.8			12.7	12.8		
40.0	13.4	13.3			12.4	12.4		
42.0	12.9	12.8			12.1	11.9		
44.0	12.6	12.5			11.7	11.6		
46.0	12.3	12.2	12.2/46.3		11.2	11.3	11.0/47.8	
48.0	12.1	11.8	11.6		10.7	11.0	11.0	
50.0	11.8	11.5	11.0		10.3	10.6	10.5	
52.0	11.4	11.3	10.4		9.9	10.4	10.2	
54.0	11.1	11.1	9.8		9.5	10.1	9.7	
56.0	10.8	11.0	9.3		9.3	9.7	9.1	
58.0	9.9	10.7	8.8		9.1	9.4	8.7	
60.0	8.9	10.6	8.4		8.9	9.2	8.2	
62.0		9.7	7.9	5.6/63.9	8.5	9.0	7.8	
64.0		9.2/63.0	7.6	5.6	8.2/62.9	8.9	7.4	5.3/65.9
66.0			7.2	5.3		8.3	7.1	5.2
68.0			6.9	5.0			6.7	4.9
70.0			6.6	4.8			6.4	4.7
72.0			6.3	4.5			6.1	4.4
74.0			6.1/72.9	4.3			5.9	4.2
76.0				4.1			5.6/75.9	4.0
78.0				3.9				3.8
80.0				3.7				3.5
82.0				3.5				3.4
84.0				3.4/82.4				3.1
86.0								3.0/85.3

SCX2500, luffing jib ratings 360 deg

Summary chart acc. ANSI B30.5 & SAE J987

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

Jib length (m)	tower 60.95m																			
	30.50				33.50				36.55				39.60				42.65			
Tower angle (°)	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65
Reeved lines	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2
Wind(m/sec) Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
13.0	33.9/13.4																			
14.0	33.8				31.1/14.3															
15.0	32.4				31.0				28.6/15.2											
16.0	31.2				30.3				28.6				26.1/16.1				24.2/17.0			
18.0	28.9	30.4/18.1			28.2	28.4/19.1			28.0				26.0				24.1			
20.0	27.0	28.2			26.4	27.6			26.2	27.2/20.2			25.5	25.5/21.2			24.0			
22.0	25.4	26.4			24.8	25.7			24.6	25.6			23.9	24.8			22.9	23.7/22.3		
24.0	23.9	24.7			23.4	24.2			23.2	23.9			22.6	23.3			21.7	22.4		
26.0	22.6	23.3			22.2	22.7			22.0	22.6			21.4	22.0			20.6	21.1		
28.0	21.6	22.1			21.1	21.5			20.9	21.3			20.4	20.9			19.5	20.0		
30.0	20.6	21.0			20.2	20.5			20.0	20.3			19.5	19.8			18.7	19.0		
32.0	20.0	20.0	20.4/33.3		19.4	19.5			19.1	19.3			18.7	18.9			17.9	18.1		
34.0	19.5/33.6	19.2	19.9		18.8	18.8	19.1/34.9		18.3	18.4			17.9	18.0			17.2	17.2		
36.0		18.7	18.5		18.3	18.0	18.4		17.8	17.7	17.9/36.4		17.3	17.3	16.9/37.9		16.6	16.6		
38.0		18.7/36.8	17.3		18.3/36.5	17.4	17.1		17.2	17.1	17.0		16.8	16.7	16.8		16.0	15.9	15.8/39.4	
40.0			16.2			17.2/39.7	16.1		17.0/39.5	16.6	15.9		16.3	16.1	15.7		15.5	15.4	15.5	
42.0			15.2				15.1			16.1	14.9		16.0	15.6	14.7		15.1	14.8	14.5	
44.0			14.3				14.2			16.1/42.7	14.1		16.0/42.4	15.2	13.9		14.8	14.4	13.6	
46.0			13.5	10.3/47.6			13.4				13.3			15.0/45.6	13.1		14.7/45.4	14.0	12.8	
48.0			13.1/47.2	10.2			12.7	9.5/49.6			12.5				12.3			13.8	12.1	
50.0				9.7			12.0	9.4			11.9	8.9/51.5			11.7			13.8/48.6	11.4	
52.0				9.1			11.9/50.2	8.9			11.3	8.8			11.1	8.2/53.5			10.9	
54.0				8.7				8.5			11.0/53.1	8.3			10.5	8.1			10.3	7.6/55.4
56.0				8.2				8.0				7.9			10.0	7.7			9.8	7.4
58.0				8.0/57.2				7.6				7.5			9.9/56.1	7.3			9.3	7.1
60.0								7.2				7.1				6.9			9.1/59.0	6.7
62.0								7.1/60.1				6.8				6.6				6.4
64.0												6.6/63.1				6.3				6.0
66.0																6.0				5.8
68.0																				5.5
70.0																				5.3/68.9

SCX2500, luffing jib ratings 360 deg

Summary chart acc. ANSI B30.5 & SAE J987

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

Jib length (m)	tower 60.95m																			
	45.70				48.75				51.80				54.85				57.90			
Tower angle (°)	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65	88	85	75	65
Reeved lines	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Wind(m/sec) Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
16.0	22.3/17.9																			
18.0	22.3				20.6/18.7				20.1/19.6											
20.0	22.2				20.5				19.6				17.7/20.5				16.5/21.4			
22.0	22.1	22.0/23.3			20.4				19.5				17.6				16.4			
24.0	20.9	21.5			20.0	20.4/24.3			18.9	18.8/25.4			17.5				16.3			
26.0	19.9	20.3			19.0	19.4			18.0	18.4			17.0	17.0/26.4			15.9	15.5/27.5		
28.0	18.9	19.3			18.1	18.4			17.1	17.4			16.2	16.6			15.2	15.5		
30.0	18.1	18.3			17.3	17.6			16.3	16.7			15.6	15.8			14.6	14.8		
32.0	17.3	17.6			16.6	16.8			15.7	15.9			14.9	15.0			13.9	14.1		
34.0	16.7	16.8			15.9	16.0			15.1	15.1			14.4	14.4			13.4	13.5		
36.0	16.0	16.1			15.4	15.4			14.5	14.6			13.8	13.8			12.9	12.9		
38.0	15.6	15.5			14.8	14.8			14.0	13.9			13.3	13.3			12.5	12.4		
40.0	15.0	14.9	14.9/40.9		14.4	14.3			13.6	13.5			12.9	12.8			12.1	11.9		
42.0	14.6	14.4	14.4		13.9	13.8	13.9/42.5		13.2	13.0			12.5	12.4			11.6	11.5		
44.0	14.3	14.0	13.5		13.6	13.4	13.3		12.8	12.6	12.7		12.2	11.9	11.7/45.5		11.3	11.2		
46.0	14.0	13.6	12.7		13.3	12.9	12.5		12.5	12.2	12.2		11.8	11.6	11.6		11.1	10.8	10.6/47.0	
48.0	13.3	13.3	12.0		13.0	12.6	11.8		12.2	11.8	11.6		11.5	11.3	11.1		10.7	10.5	10.4	
50.0	13.0/48.3	13.0	11.3		12.7	12.4	11.1		11.9	11.6	10.9		11.3	11.0	10.6		10.5	10.2	10.0	
52.0		13.0/51.5	10.7		11.9/51.3	12.2	10.5		11.8	11.4	10.3		11.1	10.7	10.2		10.3	10.0	9.6	
54.0			10.2			12.1	10.0		11.0	11.3	9.8		11.0	10.6	9.7		10.2	9.7	9.2	
56.0			9.7	7.0/57.4		12.1/54.4	9.5		10.9/54.2	11.2	9.3		10.5	10.5	9.1		10.1	9.5	8.9	
58.0			9.2	6.9			9.0	6.5/59.4		11.1/57.4	8.8		9.8/57.1	10.4	8.7		10.0	9.4	8.5	
60.0			8.8	6.6			8.6	6.4			8.4	5.9/61.3		10.2	8.2		9.0	9.3	8.1	
62.0			8.4/61.9	6.2			8.2	6.0			8.0	5.8		10.1/60.3	7.8	5.5/63.3	8.9/60.1	9.3	7.6	
64.0				5.9			7.8	5.7			7.6	5.5			7.5	5.4		9.2/63.3	7.3	4.9/65.2
66.0				5.6			7.6/64.9	5.4			7.2	5.2			7.1	5.1			6.9	4.8
68.0				5.3				5.1			7.0/67.8	5.0			6.8	4.8			6.6	4.6
70.0				5.1				4.9				4.7			6.5	4.6			6.3	4.2
72.0				4.8/71.9				4.7				4.5			6.4/70.8	4.4			6.0	4.0
74.0								4.4				4.3				4.1			5.8/73.7	3.8
76.0								4.3/74.8				4.0				3.9				3.6
78.0												3.8/77.8				3.7				3.4
80.0																3.5				3.1
82.0																3.4/80.7				3.0
84.0																				2.9/83.7

SCX2500, luffing jib ratings 360 deg

Summary chart acc. ANSI B30.5 & SAE J987

luffing jib with tower main hoist installed

93.7t upper counterweight + 14.0t lower weight

Unit: t

Jib length (m)	tower 60.95m			
	60.95			
Tower angle (°)	88	85	75	65
Reeved lines	2	2	2	2
Wind(m/sec) Radius(m)	11	11	11	11
22.0	15.0/22.3			
24.0	14.9			
26.0	14.7			
28.0	14.3	14.1/28.5		
30.0	13.6	13.8		
32.0	13.0	13.2		
34.0	12.5	12.6		
36.0	12.1	12.1		
38.0	11.6	11.6		
40.0	11.2	11.2		
42.0	10.8	10.7		
44.0	10.5	10.4		
46.0	10.3	10.1		
48.0	10.0	9.7	9.6/48.6	
50.0	9.7	9.5	9.3	
52.0	9.5	9.3	9.0	
54.0	9.4	9.2	8.6	
56.0	9.3	9.1	8.3	
58.0	9.0	9.0	8.0	
60.0	8.9	8.9	7.8	
62.0	8.6	8.8	7.5	
64.0	8.1/63.0	8.6	7.1	
66.0		8.5	6.8	4.5/67.2
68.0		8.4/66.2	6.5	4.2
70.0			6.2	4.0
72.0			5.9	3.8
74.0			5.6	3.6
76.0			5.4	3.4
78.0			5.3/76.7	3.1
80.0				2.9
82.0				2.7
84.0				2.6
86.0				2.5
88.0				2.5/86.6

SCX2500, luffing jib ratings 360 deg, Jib Base Hoisting

Summary chart acc. ANSI B30.5 & SAE J987

luffing jib fixed at 15° , with tower main hoist in jib base

93.7t upper counterweight + 14.0t lower weight

Unit: t

	tower 21.35m													
Jib length(m)	21.35	24.40	27.45	30.50	33.50	36.55	39.60	42.65	45.70	48.75	51.80	54.85	57.90	60.95
Reeved lines	6	6	6	6	6	6	6	6	6	6	6	6	6	5
Wind(m/sec) Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11
6.5	70.0/ 6.6	69.2/ 6.6	69.0/ 6.6	68.8/ 6.6	68.6/ 6.6	68.4/ 6.6	68.2/ 6.6	68.0/ 6.6	67.8/ 6.6	67.6/ 6.6	67.4/ 6.6	67.2/ 6.6	67.0/ 6.6	66.8/ 6.6
7.0	69.0	68.7	68.5	68.3	68.1	67.9	67.7	67.5	67.3	67.1	66.9	66.7	66.5	66.3
7.5	68.5	68.2	68.0	67.8	67.6	67.4	67.2	67.0	66.8	66.6	66.4	66.2	66.0	65.8
8.0	68.0	67.7	67.5	67.3	67.1	66.9	66.7	66.5	66.3	66.1	65.9	65.7	65.5	65.3
9.0	67.2	66.9	66.7	66.5	66.3	66.1	65.9	65.7	65.5	65.3	65.1	64.9	64.7	64.5
10.0	66.4	66.1	65.9	65.7	65.5	65.3	65.1	64.9	64.7	64.5	64.3	64.1	63.9	63.7
11.0	65.6	65.3	65.1	64.9	64.7	64.5	64.3	64.1	63.9	63.7	63.5	63.3	63.1	62.9
12.0	64.8	64.5	64.3	64.1	63.9	63.7	63.5	63.3	63.1	62.9	62.7	62.5	62.3	62.1
13.0	64.7/ 12.2	64.4/ 12.2	64.2/ 12.2	64.0/ 12.2	63.8/ 12.2	63.6/ 12.2	63.4/ 12.2	63.2/ 12.2	63.0/ 12.2	62.8/ 12.2	62.6/ 12.2	62.4/ 12.2	62.2/ 12.2	62.0/ 12.2

	tower 24.40m													
Jib length(m)	21.35	24.40	27.45	30.50	33.50	36.55	39.60	42.65	45.70	48.75	51.80	54.85	57.90	60.95
Reeved lines	6	6	6	6	6	6	6	6	5	5	5	5	5	5
Wind(m/sec) Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11
7.0	69.0/ 7.1	68.8/ 7.1	68.6/ 7.1	68.4/ 7.1	68.2/ 7.1	68.0/ 7.1	67.8/ 7.1	67.6/ 7.1	67.4/ 7.1	67.2/ 7.1	67.0/ 7.1	66.8/ 7.1	66.6/ 7.1	66.4/ 7.1
7.5	68.4	68.1	67.9	67.7	67.5	67.3	67.1	66.9	66.7	66.5	66.3	66.1	65.9	65.7
8.0	67.9	67.6	67.4	67.2	67.0	66.8	66.6	66.4	66.2	66.0	65.8	65.6	65.4	65.2
9.0	67.1	66.8	66.6	66.4	66.2	66.0	65.8	65.6	65.4	65.2	65.0	64.8	64.6	64.4
10.0	66.3	66.0	65.8	65.6	65.4	65.2	65.0	64.8	64.6	64.4	64.2	64.0	63.8	63.6
11.0	65.5	65.2	65.0	64.8	64.6	64.4	64.2	64.0	63.8	63.6	63.4	63.2	63.0	62.8
12.0	64.7	64.4	64.2	64.0	63.8	63.6	63.4	63.2	63.0	62.8	62.6	62.4	62.2	62.0
13.0	63.9	63.6	63.4	63.2	63.0	62.8	62.6	62.4	62.2	62.0	61.8	61.6	61.4	60.9
14.0	63.5/ 13.5	63.2/ 13.5	63.0/ 13.5	62.8/ 13.5	62.6/ 13.5	62.4/ 13.5	62.2/ 13.5	62.0/ 13.5	61.8/ 13.5	61.6/ 13.5	60.7/ 13.5	59.4/ 13.5	58.0/ 13.5	56.8/ 13.5

SCX2500, luffing jib ratings 360 deg, Jib Base Hoisting

Summary chart acc. ANSI B30.5 & SAE J987

luffing jib fixed at 15° , with tower main hoist in jib base

93.7t upper counterweight + 14.0t lower weight

Unit: t

	tower 27.45m													
Jib length(m)	21.35	24.40	27.45	30.50	33.50	36.55	39.60	42.65	45.70	48.75	51.80	54.85	57.90	60.95
Reeved lines	6	6	6	6	5	5	5	5	5	5	5	5	5	5
Wind(m/sec) Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11
7.5	68.3/7.7	68.0/7.7	67.8/7.7	67.6/7.7	67.4/7.7	67.2/7.7	67.0/7.7	66.8/7.7	66.6/7.7	66.4/7.7	66.2/7.7	66.0/7.7	65.8/7.7	65.6/7.7
8.0	67.8	67.5	67.3	67.1	66.9	66.7	66.5	66.3	66.1	65.9	65.7	65.5	65.3	65.1
9.0	67.0	66.7	66.5	66.3	66.1	65.9	65.7	65.5	65.3	65.1	64.9	64.7	64.5	64.3
10.0	66.2	65.9	65.7	65.5	65.3	65.1	64.9	64.7	64.5	64.3	64.1	63.9	63.7	63.5
11.0	65.4	65.1	64.9	64.7	64.5	64.3	64.1	63.9	63.7	63.5	63.1	62.9	62.7	62.5
12.0	64.6	64.3	64.1	63.9	63.7	63.5	63.3	63.1	62.9	62.7	62.5	62.3	62.1	61.9
13.0	63.8	63.5	63.3	63.1	62.9	62.7	62.5	62.3	62.1	61.9	61.7	61.5	61.3	61.1
14.0	63.0	62.7	62.5	62.3	62.1	61.9	61.7	60.1	59.7	58.5	57.2	56.1	54.7	53.6
15.0	61.6/14.8	60.8/14.8	60.2/14.8	59.3/14.8	58.3/14.8	57.5/14.8	56.4/14.8	54.7/14.8	54.3/14.8	53.1/14.8	51.9/14.8	50.8/14.8	49.5/14.8	48.3/14.8

	tower 30.50m													
Jib length(m)	21.35	24.40	27.45	30.50	33.50	36.55	39.60	42.65	45.70	48.75	51.80	54.85	57.90	60.95
Reeved lines	6	5	5	5	5	5	5	5	5	5	5	5	5	5
Wind(m/sec) Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11
8.0	67.7/8.2	67.4/8.2	67.2/8.2	67.0/8.2	66.8/8.2	66.6/8.2	66.4/8.2	66.2/8.2	66.0/8.2	65.8/8.2	65.6/8.2	65.4/8.2	65.2/8.2	65.0/8.2
9.0	66.9	66.6	66.4	66.2	66.0	65.8	65.6	65.4	65.2	65.0	64.8	64.6	64.4	64.2
10.0	66.1	65.8	65.6	65.4	65.2	65.0	64.8	64.6	64.4	64.2	64.0	63.8	63.6	63.4
11.0	65.3	65.0	64.8	64.6	64.4	64.2	64.0	63.8	63.6	63.4	63.2	63.0	62.8	62.6
12.0	64.5	64.2	64.0	63.8	63.6	63.4	63.2	63.0	62.8	62.6	62.4	62.2	62.0	61.8
13.0	63.7	63.4	63.2	63.0	62.8	62.6	62.4	62.2	62.0	61.8	61.6	61.4	61.2	61.0
14.0	62.8	62.5	62.3	62.1	61.9	61.7	61.3	60.0	59.1	57.8	57.4	56.4	55.1	53.9
15.0	59.2	58.4	57.6	57.1	56.0	55.1	54.6	53.4	52.5	51.3	50.9	49.8	48.6	47.5
16.0	53.5	52.7	51.9	51.4	50.3	49.5	49.0	47.8	46.9	45.7	45.3	44.3	43.1	42.1

SCX2500, luffing jib ratings 360 deg, Jib Base Hoisting

Summary chart acc. ANSI B30.5 & SAE J987

luffing jib fixed at 15° , with tower main hoist in jib base

93.7t upper counterweight + 14.0t lower weight

Unit: t

	tower 33.50m													
Jib length(m)	21.35	24.40	27.45	30.50	33.50	36.55	39.60	42.65	45.70	48.75	51.80	54.85	57.90	60.95
Reeved lines	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Wind(m/sec) Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11
8.0	67.2/ 8.7	66.9/ 8.7	66.7/ 8.7	66.5/ 8.7	66.3/ 8.7	66.1/ 8.7	65.9/ 8.7	65.7/ 8.7	65.5/ 8.7	65.3/ 8.7	65.1/ 8.7	64.9/ 8.7	64.7/ 8.7	64.5/ 8.7
9.0	66.8	66.5	66.3	66.1	65.9	65.7	65.5	65.3	65.1	64.9	64.7	64.5	64.3	64.1
10.0	66.0	65.6	65.4	65.2	65.0	64.8	64.6	64.4	64.2	64.0	63.8	63.6	63.4	63.2
11.0	65.2	64.9	64.7	64.5	64.3	64.1	63.9	63.7	63.5	63.1	62.9	62.7	62.5	62.3
12.0	64.4	64.1	63.9	63.7	63.5	63.3	63.1	62.9	62.7	62.5	62.3	62.1	61.9	61.7
13.0	63.6	63.3	63.1	62.9	62.7	62.5	62.3	62.1	61.9	61.7	61.5	61.3	61.1	60.9
14.0	62.8	62.5	62.3	62.1	61.9	61.7	61.3	60.1	59.1	57.9	57.6	56.6	55.3	54.2
15.0	59.0	58.2	57.4	56.3	55.9	55.1	54.6	53.4	52.5	51.4	51.0	50.0	48.8	47.8
16.0	53.3	52.5	51.8	50.7	50.3	49.4	49.0	47.8	47.0	45.8	45.5	44.5	43.3	42.3
18.0	47.1/ 17.3	46.3/ 17.3	45.6/ 17.3	45.1/ 17.3	44.1/ 17.3	43.3/ 17.3	42.9/ 17.3	41.8/ 17.3	40.9/ 17.3	39.8/ 17.3	39.5/ 17.3	38.5/ 17.3	37.4/ 17.3	36.4/ 17.3

	tower 36.55m													
Jib length(m)	21.35	24.40	27.45	30.50	33.50	36.55	39.60	42.65	45.70	48.75	51.80	54.85	57.90	60.95
Reeved lines	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Wind(m/sec) Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11
9.0	66.7/ 9.2	66.3/ 9.2	66.1/ 9.2	65.9/ 9.2	65.7/ 9.2	65.5/ 9.2	65.3/ 9.2	65.1/ 9.2	64.9/ 9.2	64.7/ 9.2	64.5/ 9.2	64.3/ 9.2	64.1/ 9.2	63.9/ 9.2
10.0	65.9	65.6	65.4	65.2	65.0	64.8	64.6	64.4	64.2	64.0	63.8	63.6	63.4	63.2
11.0	65.1	64.8	64.6	64.4	64.2	64.0	63.8	63.6	63.4	63.2	63.0	62.8	62.6	62.4
12.0	64.3	64.0	63.8	63.6	63.4	63.2	63.0	62.8	62.6	62.4	62.2	62.0	61.8	61.6
13.0	63.5	63.1	62.9	62.7	62.5	62.3	62.1	61.9	61.7	61.5	61.3	61.1	60.9	60.7
14.0	62.7	62.4	62.2	62.0	61.8	61.6	61.2	60.0	59.1	57.9	57.6	56.7	55.4	54.4
15.0	58.8	58.0	57.2	56.8	55.7	55.5	54.5	53.4	52.5	51.3	51.1	50.1	48.9	47.9
16.0	53.0	52.2	51.5	51.1	50.1	49.8	48.9	47.7	46.9	45.8	45.5	44.6	43.4	42.4
18.0	43.9	43.1	42.4	42.0	41.0	40.8	39.9	38.8	38.0	36.9	36.7	35.8	34.7	33.7
20.0	41.6/ 18.6	40.9/ 18.6	40.2/ 18.6	39.7/ 18.6	38.8/ 18.6	38.5/ 18.6	37.6/ 18.6	36.6/ 18.6	35.8/ 18.6	34.7/ 18.6	34.4/ 18.6	33.6/ 18.6	32.5/ 18.6	31.6/ 18.6

SCX2500, luffing jib ratings 360 deg, Jib Base Hoisting

Summary chart acc. ANSI B30.5 & SAE J987

luffing jib fixed at 15° , with tower main hoist in jib base

93.7t upper counterweight + 14.0t lower weight

Unit: t

	tower 39.60m													
Jib length(m)	21.35	24.40	27.45	30.50	33.50	36.55	39.60	42.65	45.70	48.75	51.80	54.85	57.90	60.95
Reeved lines	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Wind(m/sec) Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11
9.0	66.2/9.8	65.9/9.8	65.7/9.8	65.5/9.8	65.3/9.8	65.1/9.8	64.9/9.8	64.7/9.8	64.5/9.8	64.3/9.8	64.1/9.8	63.9/9.8	63.7/9.8	63.5/9.8
10.0	65.8	65.5	65.3	65.1	64.9	64.7	64.5	64.3	64.1	63.9	63.7	63.5	63.3	63.1
11.0	65.0	64.7	64.5	64.3	64.1	63.9	63.7	63.5	63.3	63.1	62.9	62.7	62.5	62.3
12.0	64.2	63.9	63.7	63.5	63.2	63.0	62.8	62.7	62.5	62.3	62.1	61.9	61.7	61.5
13.0	63.4	63.1	62.9	62.7	62.5	62.3	62.1	61.9	61.7	61.5	61.3	61.1	60.9	60.7
14.0	62.6	62.3	62.1	61.9	61.7	61.5	61.0	59.8	58.9	58.7	57.6	56.6	55.4	54.4
15.0	58.4	58.1	57.4	56.5	55.5	55.3	54.3	53.2	52.3	52.1	51.0	50.1	48.9	47.9
16.0	52.7	52.3	51.6	50.8	49.8	49.6	48.7	47.6	46.7	46.5	45.4	44.5	43.4	42.4
18.0	43.5	43.2	42.5	41.7	40.8	40.6	39.7	38.6	37.8	37.5	36.6	35.7	34.6	33.7
20.0	36.9/19.9	36.5/19.9	35.9/19.9	35.1/19.9	34.2/19.9	34.0/19.9	33.1/19.9	32.1/19.9	31.3/19.9	31.0/19.9	30.1/19.9	29.3/19.9	28.3/19.9	27.4/19.9

	tower 42.65m													
Jib length(m)	21.35	24.40	27.45	30.50	33.50	36.55	39.60	42.65	45.70	48.75	51.80	54.85	57.90	60.95
Reeved lines	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Wind(m/sec) Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11
10.0	65.7/10.3	65.4/10.3	65.2/10.3	65.0/10.3	64.8/10.3	64.6/10.3	64.4/10.3	64.2/10.3	64.0/10.3	63.8/10.3	63.6/10.3	63.4/10.3	63.2/10.3	63.0/10.3
11.0	64.9	64.6	64.4	64.2	64.0	63.8	63.6	63.4	63.2	63.0	62.8	62.6	62.4	62.2
12.0	64.1	63.8	63.6	63.4	63.2	63.0	62.8	62.6	62.4	62.2	62.0	61.8	61.6	61.4
13.0	63.3	63.0	62.8	62.6	62.4	62.2	62.0	61.8	61.6	61.4	61.2	61.0	60.5	60.3
14.0	62.5	62.2	62.0	61.8	61.6	61.4	60.9	59.8	58.9	58.7	57.6	56.7	55.5	54.5
15.0	58.2	57.9	57.2	56.3	55.3	55.2	54.2	53.1	52.3	52.0	51.0	50.1	49.0	48.0
16.0	52.5	52.1	51.5	50.6	49.7	49.5	48.6	47.5	46.7	46.4	45.4	44.5	43.4	42.5
18.0	43.3	42.0	42.3	41.5	40.6	40.4	39.6	38.5	37.7	37.5	36.6	35.7	34.7	33.8
20.0	36.3	36.0	35.4	34.6	33.7	33.5	32.7	31.7	31.0	30.7	29.8	29.0	28.0	27.2
22.0	32.9/21.2	32.6/21.2	32.0/21.2	31.2/21.2	30.3/21.2	30.1/21.2	29.3/21.2	28.4/21.2	27.6/21.2	27.4/21.2	26.5/21.2	25.7/21.2	24.7/21.2	23.9/21.2

SCX2500, luffing jib ratings 360 deg, Jib Base Hoisting

Summary chart acc. ANSI B30.5 & SAE J987

luffing jib fixed at 15° , with tower main hoist in jib base

93.7t upper counterweight + 14.0t lower weight

Unit: t

	tower 45.70m													
Jib length(m)	21.35	24.40	27.45	30.50	33.50	36.55	39.60	42.65	45.70	48.75	51.80	54.85	57.90	60.95
Reeved lines	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Wind(m/sec) Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11
10.0	65.0/ 10.8	64.7/ 10.8	64.5/ 10.8	64.3/ 10.8	64.1/ 10.8	63.9/ 10.8	63.7/ 10.8	63.5/ 10.8	63.3/ 10.8	63.1/ 10.8	62.9/ 10.8	62.7/ 10.8	62.5/ 10.8	62.3/ 10.8
11.0	64.8	64.5	64.3	64.1	63.9	63.7	63.5	63.3	63.1	62.9	62.7	62.5	62.3	62.1
12.0	64.0	63.7	63.5	63.3	63.1	62.9	62.7	62.5	62.3	62.1	61.9	61.7	61.5	61.3
13.0	63.2	62.9	62.7	62.5	62.3	62.1	61.9	61.7	61.5	61.3	61.1	60.9	60.7	60.5
14.0	62.4	62.1	61.9	61.7	61.5	61.3	60.7	59.6	58.7	58.6	57.5	56.6	55.4	54.5
15.0	58.3	57.6	56.9	56.1	55.1	54.9	54.0	52.9	52.1	51.9	50.9	50.0	48.9	47.9
16.0	52.6	51.8	51.2	50.3	49.4	49.3	48.4	47.3	46.5	46.3	45.3	44.5	43.4	42.5
18.0	43.3	42.6	42.0	41.2	40.3	40.2	39.3	38.3	37.5	37.3	36.4	35.6	34.6	33.7
20.0	36.3	35.7	35.1	34.3	33.4	33.3	32.4	31.5	30.7	30.5	29.6	28.9	27.9	27.1
22.0	30.8	30.2	29.6	28.8	28.0	27.8	27.0	26.1	25.4	25.2	24.3	23.6	22.6	21.8
24.0	29.6/ 22.5	29.0/ 22.5	28.4/ 22.5	27.7/ 22.5	26.8/ 22.5	26.7/ 22.5	25.9/ 22.5	24.9/ 22.5	24.2/ 22.5	24.0/ 22.5	23.2/ 22.5	22.4/ 22.5	21.5/ 22.5	20.7/ 22.5

	tower 48.75m													
Jib length(m)	21.35	24.40	27.45	30.50	33.50	36.55	39.60	42.65	45.70	48.75	51.80	54.85	57.90	60.95
Reeved lines	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Wind(m/sec) Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11
11.0	64.9/ 11.4	64.6/ 11.4	64.4/ 11.4	64.2/ 11.4	64.0/ 11.4	63.8/ 11.4	63.6/ 11.4	63.4/ 11.4	63.2/ 11.4	63.0/ 11.4	62.8/ 11.4	62.6/ 11.4	62.4/ 11.4	62.2/ 11.4
12.0	63.9	63.6	63.4	63.2	63.0	62.8	62.6	62.4	62.2	62.0	61.8	61.6	61.4	61.2
13.0	63.1	62.8	62.6	62.4	62.2	62.0	61.8	61.6	61.4	61.2	61.0	60.8	60.6	60.4
14.0	62.3	62.0	61.8	61.6	61.4	61.2	60.5	60.2	59.4	58.4	57.3	56.4	55.3	54.3
15.0	58.0	57.2	56.6	56.3	55.4	54.7	53.8	53.5	52.7	51.7	50.7	48.8	48.8	47.8
16.0	52.2	51.5	50.8	50.6	49.7	49.0	48.1	47.8	47.0	46.1	45.1	44.3	43.2	42.3
18.0	43.0	42.3	41.7	41.4	40.6	39.9	39.0	38.7	38.0	37.1	36.2	35.4	34.4	33.6
20.0	36.0	35.3	34.7	34.4	33.6	33.0	32.2	31.8	31.2	30.3	29.4	28.7	27.7	26.9
22.0	30.4	29.8	29.2	29.0	28.1	27.5	26.7	26.4	25.8	24.9	24.1	23.4	22.4	21.7
24.0	26.4/ 23.8	25.8/ 23.8	25.2/ 23.8	24.9/ 23.8	24.1/ 23.8	23.5/ 23.8	22.8/ 23.8	22.5/ 23.8	21.8/ 23.8	21.0/ 23.8	20.2/ 23.8	19.5/ 23.8	18.6/ 23.8	17.8/ 23.8

SCX2500, luffing jib ratings 360 deg, Jib Base Hoisting

Summary chart acc. ANSI B30.5 & SAE J987

luffing jib fixed at 15° , with tower main hoist in jib base

93.7t upper counterweight + 14.0t lower weight

Unit: t

tower 51.80m														
Jib length(m)	21.35	24.40	27.45	30.50	33.50	36.55	39.60	42.65	45.70	48.75	51.80	54.85	57.90	60.95
Reeved lines	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Wind(m/ sec) Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11	11
11.0	64.4/ 11.9	64.1/ 11.9	63.9/ 11.9	63.7/ 11.9	63.5/ 11.9	63.3/ 11.9	63.1/ 11.9	62.9/ 11.9	62.7/ 11.9	62.5/ 11.9	62.3/ 11.9	62.2/ 11.9	60.8/ 11.9	58.6/ 11.9
12.0	63.8	63.5	63.3	63.1	62.9	62.7	62.5	62.3	62.1	61.9	61.7	61.4	59.3	57.1
13.0	63.0	62.7	62.5	62.3	62.1	61.9	61.7	61.5	61.3	61.1	60.9	60.0	57.9	55.7
14.0	62.2	61.9	61.7	61.5	61.3	61.1	60.3	60.1	59.3	58.3	57.3	56.4	55.3	54.3
15.0	57.8	57.0	56.4	56.1	55.2	54.5	53.6	53.3	52.6	51.6	50.6	49.8	48.7	47.8
16.0	52.0	51.3	50.6	50.4	49.5	48.8	47.9	47.7	46.9	46.0	45.1	44.2	43.2	42.3
18.0	42.8	42.1	41.5	41.2	40.4	39.7	38.9	38.6	37.9	37.0	36.1	35.4	34.4	33.5
20.0	35.7	35.1	34.5	34.2	33.4	32.8	32.0	31.7	31.1	30.2	29.3	28.6	27.7	26.9
22.0	30.2	29.6	29.0	28.8	28.0	27.4	26.6	26.3	25.7	24.8	24.0	23.3	22.4	21.6
24.0	25.8	25.1	24.6	24.3	23.6	23.0	22.2	21.9	21.3	20.5	19.7	19.0	18.1	17.4
26.0	23.7/ 25.1	23.0/ 25.1	22.5/ 25.1	22.2/ 25.1	21.5/ 25.1	20.9/ 25.1	20.2/ 25.1	19.9/ 25.1	19.3/ 25.1	18.5/ 25.1	17.7/ 25.1	17.0/ 25.1	16.1/ 25.1	15.4/ 25.1

tower 54.85m													
Jib length(m)	24.40	27.45	30.50	33.50	36.55	39.60	42.65	45.70	48.75	51.80	54.85	57.90	60.95
Reeved lines	5	5	5	5	5	5	5	5	5	5	4	4	4
Wind(m/ sec) Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11	11
12.0	62.9/ 12.4	62.7/ 12.4	62.5/ 12.4	62.3/ 12.4	62.1/ 12.4	61.9/ 12.4	61.5/ 12.4	59.5/ 12.4	57.6/ 12.4	55.8/ 12.4	52.9/ 12.4	51.0/ 12.4	49.1/ 12.4
13.0	62.5	62.3	62.1	61.9	61.7	61.5	60.8	58.8	56.9	55.1	52.2	50.3	48.4
14.0	61.7	61.5	61.3	61.1	60.9	60.7	59.5	57.5	55.6	53.8	51.0	49.1	47.2
15.0	56.7	56.1	55.8	54.9	54.2	53.4	53.1	52.4	51.4	50.5	49.9	48.0	46.1
16.0	50.9	50.3	50.1	49.2	48.5	47.7	47.4	46.7	45.8	44.9	44.3	43.3	42.4
18.0	41.7	41.1	40.9	40.1	39.4	38.6	38.4	37.7	36.8	35.9	35.4	34.4	33.6
20.0	34.7	34.1	33.9	33.1	32.5	31.7	31.5	30.8	30.0	29.1	28.6	27.7	26.9
22.0	29.2	28.6	27.4	27.6	27.0	26.3	26.0	25.4	24.6	23.8	23.3	22.4	21.6
24.0	24.7	24.2	24.0	23.2	22.6	21.9	21.6	21.0	20.2	19.4	19.0	18.1	17.4
26.0	21.1	20.5	20.3	19.6	19.0	18.3	18.0	17.4	16.7	15.9	15.4	14.6	13.9
28.0	20.6/ 26.3	20.1/ 26.3	19.8/ 26.3	19.1/ 26.3	18.5/ 26.3	17.8/ 26.3	17.5/ 26.3	16.9/ 26.3	16.2/ 26.3	15.4/ 26.3	15.0/ 26.3	14.1/ 26.3	13.4/ 26.3

SCX2500, luffing jib ratings 360 deg, Jib Base Hoisting

Summary chart acc. ANSI B30.5 & SAE J987

luffing jib fixed at 15° , with tower main hoist in jib base

93.7t upper counterweight + 14.0t lower weight

Unit: t

	tower 57.90m											
Jib length(m)	27.45	30.50	33.50	36.55	39.60	42.65	45.70	48.75	51.80	54.85	57.90	60.95
Reeved lines	4	4	4	4	4	4	4	4	4	4	4	4
Wind(m/sec) Radius(m)	11	11	11	11	11	11	11	11	11	11	11	11
13.0	54.0	54.0	54.0	54.0	54.0	53.0	51.2	49.5	47.9	45.4	43.7	42.0
14.0	54.0	54.0	54.0	54.0	53.8	51.8	50.0	48.4	46.7	44.3	42.6	40.9
15.0	53.1	52.9	52.7	52.5	52.4	50.6	48.9	47.3	45.7	43.3	41.6	39.9
16.0	51.0	50.2	49.3	48.7	47.8	47.6	46.9	46.3	44.6	42.3	40.6	38.9
18.0	41.7	41.0	40.2	39.5	38.7	38.5	37.9	37.0	36.1	35.4	34.4	33.6
20.0	34.7	34.0	33.2	32.6	31.8	31.6	30.9	30.1	29.3	28.6	27.7	26.9
22.0	29.1	28.5	27.7	27.1	26.4	26.1	25.5	24.7	23.9	23.2	22.3	21.6
24.0	24.7	24.0	23.3	22.7	22.0	21.7	21.1	20.4	19.6	18.9	18.1	17.4
26.0	21.0	20.4	19.6	19.1	18.3	18.1	17.5	16.8	16.0	15.4	14.5	13.9
28.0	18.5/ 27.6	17.9/ 27.6	17.1/ 27.6	16.6/ 27.6	15.9/ 27.6	15.6/ 27.6	15.1/ 27.6	14.3/ 27.6	13.6/ 27.6	13.0/ 27.6	12.1/ 27.6	11.5/ 27.6

	tower 60.95m										
Jib length(m)	30.50	33.50	36.55	39.60	42.65	45.70	48.75	51.80	54.85	57.90	60.95
Reeved lines	4	4	4	4	4	4	4	4	3	3	3
Wind(m/sec) Radius(m)	11	11	11	11	11	11	11	11	11	11	11
13.0	52.0/ 13.5	50.4/ 13.5	48.9/ 13.5	46.3/ 13.5	45.6/ 13.5	44.0/ 13.5	42.5/ 13.5	41.0/ 13.5	38.9/ 13.5	37.4/ 13.5	35.8/ 13.5
14.0	51.4	49.8	48.3	46.0	45.0	43.4	41.9	40.4	38.3	36.8	35.2
15.0	50.4	48.7	47.2	45.7	43.9	42.4	40.9	39.5	37.3	35.8	34.3
16.0	49.3	47.7	46.2	44.7	43.0	41.4	40.0	38.6	36.5	35.0	33.5
18.0	41.3	40.5	39.9	39.2	38.3	37.6	38.3	36.8	34.8	33.4	31.9
20.0	34.3	33.5	32.9	32.2	31.4	30.7	30.0	30.0	29.5	28.7	28.0
22.0	28.7	28.0	27.4	26.7	25.9	25.3	24.6	24.6	24.2	23.3	22.7
24.0	24.2	23.5	23.0	22.3	21.5	20.9	20.2	20.2	19.8	19.0	18.4
26.0	20.6	19.9	19.3	18.7	17.9	17.3	16.6	16.6	16.2	15.4	14.8
28.0	17.5	16.8	16.3	15.6	14.9	14.3	13.6	13.6	13.2	12.4	11.8
30.0	16.2/ 28.9	15.6/ 28.9	15.1/ 28.9	14.4/ 28.9	13.6/ 28.9	13.1/ 28.9	12.4/ 28.9	12.4/ 28.9	12.0/ 28.9	11.2/ 28.9	10.6/ 28.9