

**Kobelco
BM 700-C**

serial number: GG 01279

counterweight 23.6 t

Load charts

Euro-Standards

Main boom
Offset Jib

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document : 09047 014
revision : 0
date : 2009.05.26
number of pages : 31

1 GENERAL

1.1 Crane identification

manufacturer		Kobelco	
type		BM 700-C	
year built		2000	
serial number		GG 01279	
particulars		-	
crawlers	crawler path	4.03 m	
	overall crawler length	6.60 m	
	crawler shoe size	0.80 m	
counterweight upper structure		23.6 t	
		4 parts	
breaking load	main hoist cable	438 kN; ø 22 mm; max. 10 parts	
	boom pendants	775 kN; ø 30 mm; 2 parts	
	boom luffing cable	229 kN; ø 16 mm; max. 12 parts	
	jib hoist cable	330 kN; ø 22 mm; 1 part	
	jib upper pendants	229 kN; ø 16 mm; 2 parts	
	jib lower pendants	229 kN; ø 16 mm; 2 parts	
length	main boom	9.14 m – (3.05 m) – 51.8 m	
	offset jib	12.2m & 18.3m	

1.2 Reeving

Reeving parts	1	2	3	4	5	6	7	8	9	10
max. main hoist [t]	8.7	17.3	25.7	33.9	42.0	49.9	57.7	65.3	72.7	80.0
max. offset jib hoist [t] 12.2	6.6									

1.3 Standards

The crane classification is in accordance with European rules as follows:

- 1 Crane type: mobile crane for hook duty.
- 2 Construction according DIN 15018/3,
Utilization class B2,
Hoisting class H1.
- 3 Stability according prEN13000 (2003).
- 4 Cables according NEN 3508.
- 5 Maximum allowable wind area 1.2 m² per ton rated load.

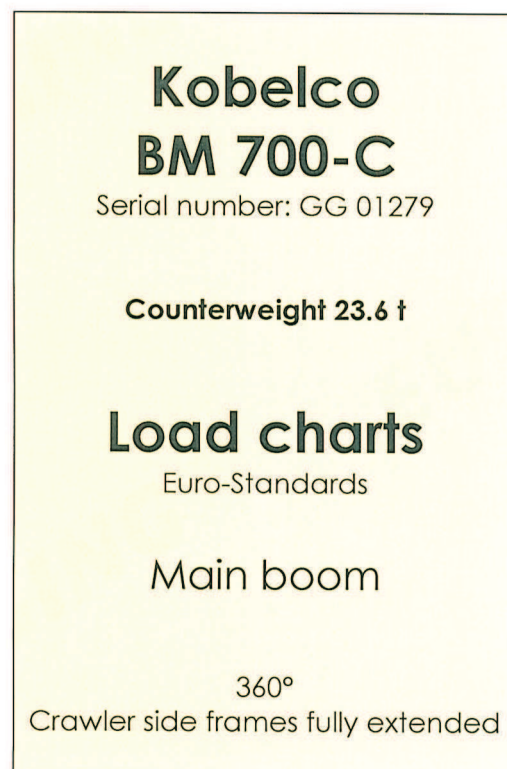
1.4 Application

- 1 Ratings in ton (t) of 1000 kg (2205 lbs).
- 2 Load by the weight of hook block, shackles, spreaders etc. to be considered as part of the Load. Weight of reeved parts is not part of the load.
- 3 Rating charts are for 360° slewing range.
- 4 Crawler side frames must be fully extended.
- 5 Ratings above the double underline are limited by structural strength. Ratings under the line or without lines are limited by stability.
- 6 Ratings are for operation on a firm and level surface, up to 1% gradient. Take care of proper load spreading mats.
- 7 Operation is only allowed with combinations of boom length and radius shown in the rating charts.
- 8 Slewing with installed counterweight is only allowed with crawler side frames fully extended.
- 9 Careful crawling is allowed with the conditions mentioned in the crawling conditions foregoing on the load charts.

1.5 Wind

- 1 Allowable wind for lifting and crawling with main boom is mentioned in par. 2.4.
- 2 The crane design is based on a maximum load wind area of 1.2 m² per ton rated load. For wind area's larger than rated load times 1.2, lifting is not allowed for full rated load at this wind speed. A proper reduction must be applied. In special cases the dealer must be consulted.

2.2 Load charts main boom



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serial number: GG 01214

Kobelco BM 700-C

serial number GG 01279

Lift ratings 360°; according Euro-standards; ballast 23.6 t

main boom boom length

radius m	9.1 m			12.2 m			15.2 m			18.3 m		
	max. wind 14 m/s 10 reeving parts			max. wind 14 m/s 10 reeving parts			max. wind 14 m/s 9 reeving parts			max. wind 14 m/s 8 reeving parts		
	load t	boom angle deg	top m	load t	boom angle deg	top m	load t	boom angle deg	top m	load t	boom angle deg	top m
3.5	80.0	77.4	10.6	80.0	80.6	13.8						
4.0	78.1	74.1	10.5	77.9	78.2	13.7	77.6	80.6	16.8			
4.5	69.9	70.8	10.3	69.7	75.7	13.5	66.1	78.7	16.7	61.9	80.6	19.8
5.0	63.2	67.3	10.1	61.1	73.3	13.4	57.5	76.7	16.6	56.4	79.0	19.7
5.5	57.2	63.8	9.8	53.7	70.8	13.2	50.8	74.8	16.4	50.1	77.4	19.6
6.0	49.4	60.2	9.5	47.9	68.2	13.0	46.9	72.8	16.2	46.3	75.7	19.4
6.5	43.4	56.4	9.2	43.2	65.7	12.8	43.0	70.8	16.1	42.4	74.1	19.3
7.0	40.4	52.4	8.8	40.3	63.0	12.5	40.2	68.8	15.9	38.9	72.5	19.1
7.5	37.5	48.2	8.4	37.4	60.3	12.2	37.3	66.7	15.7	35.8	70.8	18.9
8.0	33.4	43.6	7.8	34.1	57.5	11.9	34.0	64.6	15.4	33.2	69.1	18.8
9.0	26.1	32.9	6.4	28.7	51.6	11.1	28.7	60.3	14.9	28.5	65.7	18.3
10.0				24.9	45.1	10.2	24.7	55.8	14.2	24.6	62.2	17.8
11.0				21.8	37.7	8.9	21.8	51.0	13.4	21.6	58.5	17.2
12.0				19.0	28.6	7.3	19.3	45.9	12.5	19.2	54.7	16.5
13.0							17.4	40.2	11.3	17.3	50.7	15.7
14.0							15.8	33.7	9.9	15.6	46.4	14.8
15.0							14.4	25.8	8.1	14.3	41.8	13.7
16.0										13.1	36.7	12.4
18.0										11.3	23.8	8.8
20.0												
22.0												
24.0												
28.0												
32.0												
36.0												
LLD-code boom	01			02			03			04		

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Kobelco BM 700-C

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Lift ratings 360°; according Euro-standards; ballast 23.6 t

main boom boom length

	21.3 m			24.4 m			27.4 m			30.5 m		
	max. wind 14 m/s 7 reeving parts			max. wind 14 m/s 6 reeving parts			max. wind 14 m/s 5 reeving parts			max. wind 14 m/s 4 reeving parts		
radius m	load t	boom angle deg	top m	load t	boom angle deg	top m	load t	boom angle deg	top m	load t	boom angle deg	top m
5.0	55.3	80.6	22.8									
5.5	49.4	79.2	22.7	47.1	80.6	25.8						
6.0	44.6	77.8	22.6	42.7	79.4	25.7	40.9	80.6	28.8			
6.5	40.6	76.4	22.5	39.0	78.2	25.6	37.5	79.5	28.7	36.1	80.6	31.8
7.0	37.3	75.1	22.3	35.9	77.0	25.5	34.5	78.4	28.6	33.3	79.6	31.7
7.5	34.4	73.6	22.2	33.2	75.7	25.3	32.0	77.4	28.5	30.9	78.7	31.6
8.0	32.0	72.2	22.0	30.8	74.5	25.2	29.8	76.3	28.4	28.8	77.7	31.5
9.0	27.9	69.4	21.6	27.0	72.1	24.9	26.1	74.1	28.1	25.4	75.8	31.3
10.0	24.5	66.5	21.2	24.0	69.6	24.5	23.2	71.9	27.8	22.6	73.8	31.0
11.0	21.5	63.5	20.7	21.4	67.0	24.1	20.9	69.7	27.4	20.3	71.8	30.6
12.0	19.0	60.4	20.2	19.0	64.4	23.6	18.9	67.4	27.0	18.4	69.8	30.3
13.0	17.1	57.2	19.5	17.0	61.8	23.1	16.9	65.2	26.5	16.8	67.8	29.9
14.0	15.5	53.9	18.8	15.4	59.0	22.5	15.3	62.8	26.0	15.2	65.7	29.4
15.0	14.1	50.5	18.0	14.0	56.2	21.9	13.9	60.4	25.5	13.8	63.6	28.9
16.0	12.9	46.8	17.1	12.8	53.3	21.1	12.7	58.0	24.8	12.6	61.5	28.4
18.0	11.1	38.7	14.8	10.9	47.1	19.4	10.8	52.8	23.4	10.7	57.1	27.2
20.0	9.6	28.8	11.7	9.5	40.2	17.2	9.4	47.3	21.7	9.3	52.5	25.7
22.0				8.3	32.0	14.4	8.2	41.2	19.6	8.1	47.5	24.0
24.0				7.4	21.1	10.2	7.3	34.3	16.9	7.1	42.1	21.9
28.0							6.5	25.7	13.3	6.4	36.0	19.4
32.0										5.7	28.8	16.2
36.0												
40.0												
44.0												
48.0												
52.0												
LLD-code boom	05			06			07			08		

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Lift ratings 360°; according Euro-standards; ballast 23.6 t

main boom boom length

	33.5 m			36.6 m			39.6 m			42.7 m		
	max. wind 11 m/s 4 reeving parts			max. wind 11 m/s 4 reeving parts			max. wind 11 m/s 3 reeving parts			max. wind 11 m/s 3 reeving parts		
radius m	load t	boom angle deg	top m	load t	boom angle deg	top m	load t	boom angle deg	top m	load t	boom angle deg	top m
7.0	32.1	80.6	34.8									
7.5	29.8	79.7	34.7	28.9	80.6	37.8						
8.0	27.9	78.8	34.6	27.0	79.8	37.7	26.1	80.6	40.8			
9.0	24.5	77.1	34.4	23.8	78.2	37.5	23.1	79.1	40.6	22.5	79.9	43.7
10.0	21.9	75.3	34.1	21.3	76.6	37.3	20.6	77.6	40.4	20.1	78.5	43.5
11.0	19.7	73.5	33.8	19.2	74.9	37.0	18.6	76.1	40.2	18.1	77.1	43.3
12.0	17.8	71.7	33.5	17.4	73.3	36.7	16.9	74.6	39.9	16.5	75.8	43.1
13.0	16.3	69.9	33.2	15.9	71.7	36.4	15.4	73.1	39.6	15.1	74.4	42.8
14.0	15.0	68.1	32.8	14.6	70.0	36.0	14.2	71.6	39.3	13.8	73.0	42.5
15.0	13.7	66.2	32.3	13.5	68.3	35.6	13.1	70.1	38.9	12.8	71.5	42.2
16.0	12.5	64.3	31.9	12.4	66.6	35.2	12.1	68.5	38.5	11.8	70.1	41.8
18.0	10.6	60.4	30.8	10.5	63.1	34.3	10.4	65.3	37.7	10.3	67.2	41.0
20.0	9.1	56.4	29.5	9.0	59.5	33.1	8.9	62.1	36.6	8.8	64.3	40.1
22.0	7.9	52.1	28.0	7.8	55.8	31.8	7.7	58.8	35.5	7.6	61.2	39.0
24.0	7.0	47.6	26.3	6.9	51.9	30.3	6.7	55.3	34.2	6.7	58.1	37.8
26.0	6.2	42.7	24.3	6.1	47.7	28.6	5.9	51.7	32.6	5.9	54.9	36.5
28.0	5.5	37.4	21.8	5.4	43.3	26.6	5.3	47.8	30.9	5.2	51.5	34.9
30.0	5.0	31.2	18.8	4.9	38.4	24.2	4.7	43.8	28.9	4.6	47.9	33.2
32.0	4.5	23.5	14.8	4.4	33.0	21.4	4.2	39.4	26.6	4.1	44.2	31.2
34.0				4.0	26.6	17.8	3.8	34.5	23.9	3.7	40.1	29.0
36.0							3.4	28.9	20.6	3.3	35.7	26.4
38.0							3.1	22.0	16.3	3.0	30.7	23.2
40.0										2.7	24.8	19.4
42.0												
44.0												
46.0												
LLD-code boom	09			10			11			12		

Kobelco BM 700-C

serial number GG 01279

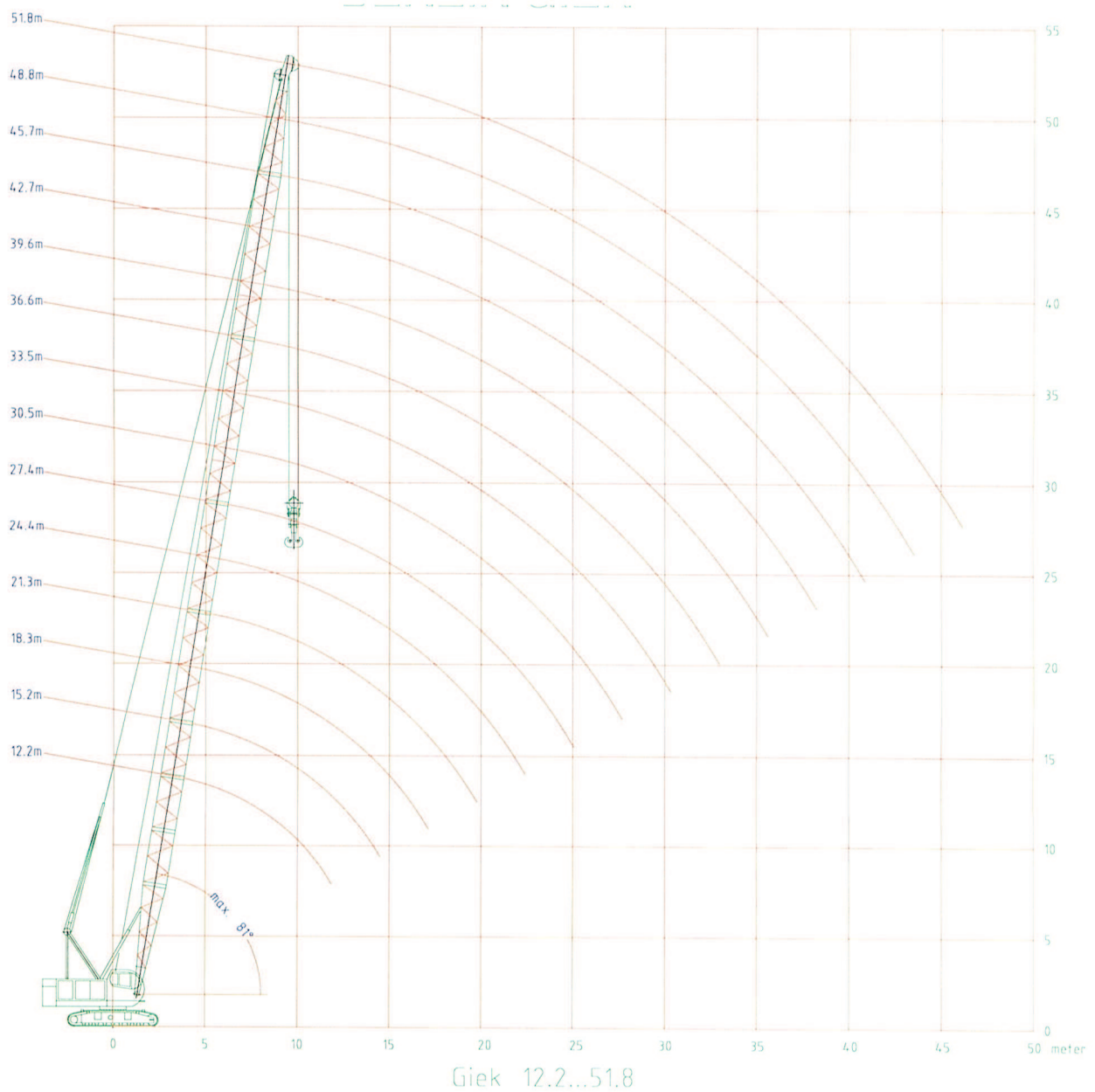
Lift ratings 360°; according Euro-standards; ballast 23.6 t

main boom boom length

radius m	45.7 m			48.8 m			51.8 m					
	max. wind 11m/s 3 reeving parts			max. wind 11 m/s 3 reeving parts			max. wind 11m/s 2 reeving parts					
	load t	boom angle deg	top m	load t	boom angle deg	top m	load t	boom angle deg	top m			
9.0	21.8	80.6	46.8									
10.0	19.5	79.3	46.7	18.9	80.0	49.8	18.3	80.6	52.9			
11.0	17.6	78.0	46.5	17.1	78.8	49.6	16.6	79.4	52.7			
12.0	16.0	76.7	46.2	15.5	77.6	49.3	15.1	78.3	52.5			
13.0	14.6	75.4	46.0	14.2	76.4	49.1	13.8	77.2	52.2			
14.0	13.4	74.1	45.7	13.0	75.1	48.8	12.7	76.0	52.0			
15.0	12.4	72.8	45.4	12.0	73.9	48.6	11.7	74.9	51.7			
16.0	11.5	71.5	45.0	11.1	72.7	48.3	10.8	73.7	51.4			
18.0	9.9	68.8	44.3	9.6	70.2	47.6	9.3	71.4	50.8			
20.0	8.7	66.1	43.4	8.4	67.7	46.8	8.1	69.1	50.1			
22.0	7.5	63.3	42.5	7.4	65.1	45.9	7.1	66.7	49.2			
24.0	6.5	60.5	41.4	6.4	62.5	44.9	6.2	64.2	48.3			
26.0	5.7	57.5	40.2	5.6	59.8	43.7	5.4	61.7	47.3			
28.0	5.0	54.5	38.8	4.9	57.0	42.5	4.8	59.2	46.1			
30.0	4.5	51.3	37.2	4.3	54.1	41.1	4.2	56.6	44.8			
32.0	4.0	48.0	35.5	3.8	51.2	39.5	3.7	53.8	43.4			
34.0	3.5	44.5	33.6	3.4	48.1	37.8	3.2	51.0	41.8			
36.0	3.2	40.8	31.4	3.0	44.8	35.9	2.9	48.1	40.1			
38.0	2.8	36.7	28.8	2.7	41.3	33.7	2.5	45.0	38.2			
40.0	2.5	32.2	25.8	2.4	37.6	31.2	2.2	41.8	36.0			
42.0	2.3	27.1	22.3	2.1	33.5	28.4	2.0	38.3	33.6			
44.0	2.0	20.7	17.6	1.9	28.9	25.0	1.7	34.6	30.9			
46.0				1.7	23.5	20.9	1.5	30.4	27.7			
48.0							1.3	25.6	23.8			
50.0												
52.0												
LLD-code boom	13			14			15					

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Reach main boom



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3 OFFSET JIB



3.2 Load charts offset jib

Kobelco BM 700-C

Serial number: GG 01279

Counterweight 23.6 t

Load charts

Euro-Standards

Offset jib
(12.2m & 18.3m)

360°
Crawler side frames fully extended

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rev. 0

serial number: GG 01279

Kobelco BM 700-C

serial number GG 01279

Lift ratings 360°; according Euro-standards; ballast 23.6 t

offset jib
jib length 12.2 m
jib offset 10°

radius m	boom 30.5 m			boom 33.5 m			boom 36.6 m			boom 39.6 m		
	max. wind 11 m/s 1 reeving parts			max. wind 11 m/s 1 reeving parts			max. wind 11 m/s 1 reeving parts			max. wind 11 m/s 1 reeving parts		
	load t	boom angle deg	top m	load t	boom angle deg	top m	load t	boom angle deg	top m	load t	boom angle deg	top m
10.0												
11.0	6.6	79.5	43.5	6.6	80.2	46.6						
12.0	6.6	78.1	43.2	6.6	78.9	46.3	6.6	79.6	49.5	6.6	80.2	52.6
13.0	6.6	76.7	42.9	1.0	77.6	2.0	6.6	1.0	49.2	6.6	79.1	52.4
14.0	6.6	75.3	42.6	6.6	76.3	45.8	2.0	77.2	1.0	6.6	78.0	52.1
15.0	6.6	73.9	42.3	6.6	75.0	45.5	6.6	76.0	48.7	6.6	76.8	51.9
16.0	6.6	72.5	41.9	6.6	73.7	45.2	6.6	74.7	48.4	6.6	75.7	51.6
18.0	6.6	69.6	41.1	6.6	71.0	44.4	6.6	72.3	47.7	6.6	73.3	50.9
20.0	6.6	66.6	40.2	6.6	68.3	43.6	6.6	69.7	46.9	6.6	71.0	50.2
22.0	6.6	63.6	39.2	6.6	65.5	42.6	6.6	67.2	46.0	6.6	68.6	49.4
24.0	6.6	60.5	38.0	6.6	62.7	41.5	6.6	64.6	45.0	6.6	66.2	48.4
26.0	6.2	57.3	36.6	6.1	59.7	40.3	5.9	61.9	43.9	5.8	63.7	47.4
28.0	5.5	53.9	35.1	5.4	56.7	38.9	5.3	59.1	42.6	5.2	61.1	46.2
30.0	5.0	50.4	33.4	4.9	53.6	37.4	4.7	56.2	41.2	4.6	58.5	45.0
32.0	4.5	46.6	31.4	4.4	50.3	35.7	4.3	53.3	39.7	4.2	55.8	43.6
34.0	4.1	42.6	29.2	4.0	46.8	33.7	3.9	50.2	38.0	3.7	53.0	42.0
36.0	3.7	38.2	26.6	3.6	43.1	31.5	3.5	46.9	36.0	3.4	50.1	40.3
38.0	3.4	33.3	23.5	3.3	39.0	29.0	3.0	43.5	33.9	3.1	47.1	38.4
40.0				3.0	34.6	26.1	2.9	39.8	31.4	2.8	43.8	36.2
42.0							2.6	35.7	28.6	2.5	40.4	33.8
44.0							2.4	31.1	25.3	2.3	36.6	31.1
46.0										2.1	32.5	27.9
48.0												
50.0												
52.0												
LLD-code jib	16			20			24			28		

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Lift ratings 360°; according Euro-standards; ballast 23.6 t

offset jib

jib length 12.2 m

jib offset 10°

radius m	boom 42.7 m			boom 45.7 m			boom 48.8 m			boom 51.8 m		
	max. wind 11 m/s 1 reeving parts			max. wind 11 m/s 1 reeving parts			max. wind 11 m/s 1 reeving parts			max. wind 11 m/s 1 reeving parts		
	load t	boom angle deg	top m	load t	boom angle deg	top m	load t	boom angle deg	top m	load t	boom angle deg	top m
12.0												
13.0	6.6	79.7	55.5	6.6	80.3	58.6						
14.0	6.6	78.6	55.3	6.6	79.2	58.4	6.6	79.8	61.5	6.6	80.3	64.6
15.0	6.6	77.6	55.0	6.6	78.2	58.1	6.6	78.8	61.3	6.6	79.4	64.4
16.0	6.6	76.5	54.7	6.6	77.2	57.9	6.6	77.9	61.0	6.6	78.5	64.2
18.0	6.6	74.3	54.1	6.6	75.2	57.3	6.6	75.9	60.5	6.6	76.6	63.7
20.0	6.6	72.1	53.4	6.6	73.1	56.7	6.6	74.0	59.9	6.6	74.7	63.1
22.0	6.6	69.9	52.7	6.6	71.0	55.9	6.6	72.0	59.2	6.5	72.9	62.4
24.0	6.4	67.6	51.8	6.2	68.8	55.1	6.0	70.0	58.4	5.8	71.0	61.7
26.0	5.7	65.3	50.8	5.5	66.7	54.2	5.3	67.9	57.6	5.1	69.0	60.9
28.0	5.1	62.9	49.8	4.9	64.5	53.2	4.8	65.9	56.6	4.6	67.1	60.0
30.0	4.5	60.5	48.6	4.4	62.2	52.1	4.3	63.7	55.6	4.1	65.1	59.0
32.0	4.0	58.0	47.3	3.9	59.9	50.9	3.8	61.6	54.5	3.7	63.1	58.0
34.0	3.6	55.5	45.9	3.5	57.6	49.6	3.4	59.4	53.3	3.3	61.0	56.8
36.0	3.3	52.8	44.3	3.1	55.1	48.2	3.0	57.1	51.9	2.9	58.9	55.6
38.0	2.9	50.1	42.6	2.8	52.6	46.6	2.7	54.8	50.5	2.6	56.8	54.2
40.0	2.6	47.2	40.7	2.5	50.0	44.9	2.4	52.4	48.9	2.3	54.5	52.8
42.0	2.4	44.1	38.6	2.2	47.3	43.0	2.1	49.9	47.2	2.0	52.3	51.2
44.0	2.1	40.9	36.2	2.0	44.4	40.9	1.9	47.4	45.3	1.8	49.9	49.5
46.0	1.9	37.5	33.5	1.8	41.4	38.6	1.7	44.7	43.2	1.6	47.4	47.6
48.0	1.7	33.7	30.5	1.6	38.2	36.0	1.5	41.8	40.9	1.4	44.9	45.5
50.0				1.4	34.7	33.0	1.3	38.8	38.4	1.2	42.2	43.3
52.0				1.3	30.8	29.7	1.1	35.5	35.6	1.0	39.3	40.8
54.0							1.0	32.0	32.3			
56.0												
LLD-code jib	32			36			40			44		

09047 014/21

rev. 0

serial number: GG 01279

Kobelco BM 700-C

serial number GG 01279

Lift ratings 360°; according Euro-standards; ballast 23.6 t

offset jib

jib length 18.3 m

jib offset 10°

	boom 30.5 m			boom 33.5 m			boom 36.6 m			boom 39.6 m		
	max. wind 11 m/s 1 reeving parts			max. wind 11 m/s 1 reeving parts			max. wind 11 m/s 1 reeving parts			max. wind 11 m/s 1 reeving parts		
radius m	load t	boom angle deg	top m	load t	boom angle deg	top m	load t	boom angle deg	top m	load t	boom angle deg	top m
12.0	5.4	80.8	49.4									
13.0	5.3	79.6	49.2	5.4	80.3	52.3	5.4	80.8	55.4			
14.0	5.3	78.4	48.9	5.3	79.1	52.1	5.3	79.7	55.2	5.3	80.3	58.3
15.0	5.2	77.2	48.6	5.3	78.0	51.8	5.3	78.7	55.0	5.3	79.3	58.1
16.0	5.2	76.0	48.3	5.2	76.8	51.5	5.2	77.6	54.7	5.3	78.2	57.8
18.0	5.1	73.5	47.7	5.1	74.5	50.9	5.1	75.4	54.1	5.2	76.2	57.3
20.0	5.0	71.0	46.9	5.0	72.2	50.1	5.1	73.2	53.4	5.1	74.1	56.6
22.0	4.9	68.4	46.0	5.0	69.8	49.3	5.0	71.0	52.6	5.0	72.0	55.9
24.0	4.9	65.8	45.0	4.9	67.3	48.4	4.9	68.7	51.8	4.9	69.9	55.1
26.0	4.7	63.1	43.8	4.8	64.8	47.3	4.9	66.4	50.8	4.9	67.7	54.2
28.0	4.5	60.3	42.6	4.6	62.3	46.2	4.8	64.0	49.7	4.8	65.5	53.2
30.0	4.2	57.5	41.2	4.4	59.7	44.9	4.6	61.6	48.5	4.7	63.2	52.1
32.0	4.0	54.5	39.7	4.2	57.0	43.5	4.4	59.1	47.2	4.3	60.9	50.9
34.0	3.8	51.4	37.9	4.0	54.2	41.9	4.0	56.5	45.8	3.9	58.6	49.6
36.0	3.6	48.1	36.0	3.8	51.2	40.2	3.6	53.9	44.2	3.5	56.1	48.1
38.0	3.4	44.7	33.8	3.4	48.2	38.3	3.3	51.1	42.5	3.2	53.6	46.5
40.0	3.3	41.0	31.4	3.1	45.0	36.2	3.0	48.2	40.6	2.9	51.0	44.8
42.0	3.0	36.9	28.5	2.9	41.5	33.8	2.7	45.2	38.5	2.6	48.3	42.9
44.0	2.8	32.3	25.2	2.6	37.8	31.0	2.5	42.0	36.1	2.4	45.4	40.8
46.0				2.4	33.6	27.8	2.3	38.5	33.5	2.2	42.4	38.5
48.0							2.1	34.7	30.4	2.0	39.2	35.9
50.0							1.9	30.4	26.9	1.8	35.6	33.0
52.0										1.6	31.8	29.6
54.0												
56.0												
LLD-code jib	18			22			26			30		

09047 014/22

rev. 0

serial number: GG 01279

Kobelco BM 700-C

serial number GG 01279

Lift ratings 360°; according Euro-standards; ballast 23.6 t

offset jib
jib length 18.3 m
jib offset 10°

radius m	boom 42.7 m			boom 45.7 m			boom 48.8 m			boom 51.8 m		
	max. wind 11 m/s 1 reeving parts			max. wind 11 m/s 1 reeving parts			max. wind 11 m/s 1 reeving parts			max. wind 11 m/s 1 reeving parts		
	load t	boom angle deg	top m	load t	boom angle deg	top m	load t	boom angle deg	top m	load t	boom angle deg	top m
14.0	5.4	80.8	61.5									
15.0	5.3	79.8	61.2	5.3	80.3	64.4	5.3	80.8	67.5			
16.0	5.3	78.9	61.0	5.3	79.4	64.1	5.3	79.9	67.3	5.3	80.3	70.4
18.0	5.2	76.9	60.5	5.2	77.5	63.6	5.2	78.1	66.8	5.2	78.7	69.9
20.0	5.1	74.9	59.8	5.1	75.7	63.0	5.2	76.4	66.2	5.2	77.0	69.4
22.0	5.0	73.0	59.1	5.1	73.8	62.4	5.1	74.6	65.6	5.1	75.3	68.8
24.0	5.0	70.9	58.4	5.0	71.9	61.6	5.0	72.8	64.9	5.0	73.5	68.1
26.0	4.9	68.9	57.5	4.9	70.0	60.8	5.0	70.9	64.1	5.0	71.8	67.4
28.0	4.9	66.8	56.6	4.9	68.0	60.0	4.8	69.1	63.3	4.6	7.0	66.6
30.0	4.7	64.7	55.6	4.5	66.0	59.0	4.4	67.2	62.4	4.2	68.3	65.7
32.0	4.2	62.6	54.4	4.1	64.0	57.9	3.9	65.3	61.4	3.7	66.5	64.8
34.0	3.8	60.4	53.2	3.6	61.9	56.8	3.5	63.4	60.3	3.4	64.6	63.8
36.0	3.4	58.1	51.9	3.3	59.8	55.5	3.2	61.4	59.1	3.0	62.8	62.7
38.0	3.1	55.8	50.4	2.9	57.7	54.2	2.8	59.4	57.9	2.7	60.9	61.5
40.0	2.8	53.4	48.8	2.6	55.5	52.7	2.5	57.3	56.5	2.4	58.9	60.2
42.0	2.5	50.9	47.1	2.4	53.2	51.1	2.3	55.2	55.0	2.2	56.9	58.8
44.0	2.3	48.3	45.2	2.1	50.8	49.4	2.0	53.0	53.4	1.9	54.9	57.3
46.0	2.1	45.6	43.1	1.9	48.3	47.5	1.8	50.7	51.7	1.7	52.8	55.7
48.0	1.9	42.8	40.9	1.7	45.8	45.5	1.6	48.4	49.8	1.5	50.6	54.0
50.0	1.7	39.7	38.3	1.5	43.1	43.2	1.4	45.9	47.8	1.3	48.4	52.1
52.0	1.5	36.5	35.5	1.4	40.2	40.7	1.3	43.4	45.6	1.1	46.1	50.1
54.0	1.4	32.9	32.2	1.2	37.2	38.0	1.1	40.7	43.1	1.0	43.7	47.9
56.0				1.1	33.9	34.8	1.0	37.8	40.4			
58.0												
60.0												
LLD-code jib												
34 38 42 46												

09047 014/23

rev. 0

serial number: GG 01279

Kobelco BM 700-C

serial number GG 01279

Lift ratings 360°; according Euro-standards; ballast 23.6 t

offset jib

jib length 12.2 m

jib offset 30°

radius m	boom 30.5 m			boom 33.5 m			boom 36.6 m			boom 39.6 m		
	max. wind 11 m/s 1 reeving parts			max. wind 11 m/s 1 reeving parts			max. wind 11 m/s 1 reeving parts			max. wind 11 m/s 1 reeving parts		
	load t	boom angle deg	top m	load t	boom angle deg	top m	load t	boom angle deg	top m	load t	boom angle deg	top m
14.0												
15.0	5.0	78.9	41.2	5.1	79.7	44.4						
16.0	4.9	77.5	40.8	4.9	78.4	44.0	5.0	79.2	47.2	5.1	79.8	50.4
18.0	4.6	74.5	40.0	4.7	75.6	43.3	4.8	76.6	46.5	4.8	77.5	49.7
20.0	4.3	71.5	39.0	4.4	72.9	42.4	4.5	74.0	45.7	4.6	75.1	49.0
22.0	4.1	68.4	38.0	4.2	70.0	41.4	4.3	71.4	44.8	4.4	72.6	48.1
24.0	3.9	65.1	36.7	4.0	67.1	40.3	4.1	68.7	43.8	4.2	70.1	47.2
26.0	3.8	61.8	35.3	3.9	64.0	39.0	4.0	65.9	42.6	4.1	67.5	46.1
28.0	3.5	58.3	33.7	3.7	60.9	37.6	3.8	63.1	41.3	3.9	64.9	44.9
30.0	3.5	54.6	31.9	3.6	57.6	36.0	3.7	60.1	39.9	3.8	62.2	43.6
32.0	3.4	50.6	29.9	3.5	54.2	34.2	3.6	57.0	38.3	3.7	59.4	42.1
34.0	3.3	46.4	27.5	3.4	50.5	32.2	3.5	53.8	36.5	3.6	56.5	40.5
36.0	3.2	41.7	24.7	3.3	46.6	29.8	3.4	50.4	34.5	3.5	53.5	38.7
38.0	3.2	36.3	21.3	3.3	42.3	27.2	3.3	46.8	32.2	3.2	50.3	36.7
40.0				3.1	37.5	24.0	3.0	42.8	29.6	2.9	46.9	34.5
42.0				2.8	31.8	20.0	2.7	38.5	26.5	2.6	43.3	32.0
44.0							2.4	33.5	22.9	2.3	39.3	29.0
46.0										2.1	34.8	25.6
48.0												
50.0												
52.0												
54.0												
56.0												
58.0												
60.0												
LLD-code jib	17			21			25			29		

Kobelco BM 700-C

serial number GG 01279

Lift ratings 360°; according Euro-standards; ballast 23.6 t

offset jib
jib length 12.2 m
jib offset 30°

radius m	boom 42.7 m			boom 45.7 m			boom 48.8 m			boom 51.8 m		
	max. wind 11 m/s 1 reeving parts			max. wind 11 m/s 1 reeving parts			max. wind 11 m/s 1 reeving parts			max. wind 11 m/s 1 reeving parts		
	load t	boom angle deg	top m	load t	boom angle deg	top m	load t	boom angle deg	top m	load t	boom angle deg	top m
16.0												
18.0	4.9	78.2	52.9	5.0	78.9	56.1	5.0	79.5	59.3	5.1	80.0	62.4
20.0	4.7	75.9	52.2	4.7	76.7	55.4	4.8	77.4	58.7	4.9	78.1	61.8
22.0	4.5	73.7	51.4	4.5	74.6	54.7	4.6	75.4	57.9	4.7	76.2	61.2
24.0	4.3	71.3	50.5	4.4	72.4	53.9	4.4	73.4	57.2	4.5	74.2	60.4
26.0	4.1	69.0	49.5	4.2	70.2	52.9	4.3	71.3	56.3	4.3	72.3	59.6
28.0	4.0	66.5	48.4	4.1	67.9	51.9	4.1	69.2	55.3	4.2	70.3	58.7
30.0	3.9	64.0	47.2	3.9	65.6	50.8	4.0	67.0	54.3	4.1	68.2	57.7
32.0	3.7	61.5	45.9	3.8	63.2	49.6	3.9	64.8	53.1	3.9	66.2	56.6
34.0	3.6	58.8	44.4	3.7	60.8	48.2	3.6	62.5	51.9	3.5	64.0	55.5
36.0	3.4	56.1	42.8	3.3	58.3	46.7	3.2	60.2	50.5	3.1	61.9	54.2
38.0	3.1	53.2	41.0	3.0	55.7	45.1	2.9	57.8	49.0	2.8	59.7	52.8
40.0	2.8	50.2	39.0	2.7	53.0	43.3	2.6	55.3	47.4	2.4	57.4	51.3
42.0	2.5	47.1	36.8	2.4	50.2	41.3	2.3	52.8	45.6	2.2	55.0	49.6
44.0	2.2	43.7	34.3	2.1	47.2	39.1	2.0	50.1	43.6	1.9	52.6	47.9
46.0	2.0	40.0	31.5	1.9	44.0	36.7	1.8	47.3	41.5	1.7	50.0	45.9
48.0	1.8	35.9	28.2	1.7	40.6	34.0	1.6	44.3	39.1	1.5	47.4	43.8
50.0	1.6	31.2	24.3	1.5	36.8	30.8	1.4	41.1	36.4	1.3	44.6	41.4
52.0				1.3	32.6	27.2	1.2	37.7	33.4	1.1	41.6	38.8
54.0							1.0	33.8	29.9			
56.0												
58.0												
60.0												
62.0												
64.0												
LLD-code jib	33			37			41			45		

Kobelco BM 700-C

serial number GG 01279

Lift ratings 360°; according Euro-standards; ballast 23.6 t

offset jib
jib length 18.3 m
jib offset 30°

radius m	boom 30.5 m			boom 33.5 m			boom 36.6 m			boom 39.6 m		
	max. wind 11 m/s 1 reeving parts			max. wind 11 m/s 1 reeving parts			max. wind 11 m/s 1 reeving parts			max. wind 11 m/s 1 reeving parts		
	load t	boom angle deg	top m	load t	boom angle deg	top m	load t	boom angle deg	top m	load t	boom angle deg	top m
18.0	3.5	80.2	46.2	3.5	80.9	49.4						
20.0	3.3	77.6	45.4	3.3	78.4	48.6	3.4	79.1	51.8	3.4	79.8	55.0
22.0	3.1	75.0	44.4	3.2	76.0	47.7	3.2	76.8	51.0	3.3	77.6	54.3
24.0	3.0	72.3	43.4	3.0	73.5	46.8	3.1	74.5	50.1	3.1	75.4	53.4
26.0	2.8	69.5	42.2	2.9	7.9	45.7	2.9	72.1	49.1	3.0	73.2	52.5
28.0	2.7	66.6	40.9	2.7	68.2	44.5	2.8	69.6	48.0	2.9	70.9	51.5
30.0	2.6	63.6	39.5	2.6	65.5	43.2	2.7	67.1	46.8	2.7	68.5	50.3
32.0	2.5	60.5	37.8	2.5	62.7	41.7	2.6	64.5	45.4	2.6	66.1	49.1
34.0	2.4	57.2	36.0	2.4	59.7	40.1	2.5	61.9	44.0	2.6	63.7	47.7
36.0	2.3	53.8	34.0	2.4	56.7	38.3	2.4	59.1	42.3	2.5	61.1	46.2
38.0	2.2	50.1	31.7	2.3	53.4	36.2	2.4	56.2	40.5	2.4	58.5	44.6
40.0	2.2	46.1	29.0	2.2	50.0	34.0	2.3	53.2	38.5	2.3	55.8	42.7
42.0	2.1	41.6	25.9	2.2	46.3	31.4	2.2	49.9	36.2	2.3	52.9	40.7
44.0	2.1	36.4	22.1	2.1	42.2	28.4	2.2	46.5	33.7	2.2	49.9	38.5
46.0	2.1	30.0	17.2	2.1	37.6	24.8	2.1	42.7	30.8	2.2	46.6	36.1
48.0				2.1	32.1	20.4	2.1	38.5	27.5	2.1	43.2	33.3
50.0							2.0	33.7	23.4	1.9	39.3	30.1
52.0										1.7	35.0	26.3
54.0												
56.0												
58.0												
60.0												
62.0												
64.0												
66.0												
LLD-code jib												
19			23			27			31			

09047 014/26

rev. 0

serial number: GG 01279

Kobelco BM 700-C

serial number GG 01279

Lift ratings 360°; according Euro-standards; ballast 23.6 t

offset jib
jib length 18.3 m
jib offset 30°

radius m	boom 42.7 m			boom 45.7 m			boom 48.8 m			boom 51.8 m		
	max. wind 11 m/s 1 reeving parts			max. wind 11 m/s 1 reeving parts			max. wind 11 m/s 1 reeving parts			max. wind 11 m/s 1 reeving parts		
	load t	boom angle deg	top m	load t	boom angle deg	top m	load t	boom angle deg	top m	load t	boom angle deg	top m
20.0	3.5	80.3	58.2	3.5	80.8	61.4						
22.0	3.3	78.3	57.5	3.3	78.9	60.7	3.4	79.4	63.9	3.4	79.9	67.1
24.0	3.2	76.2	56.7	3.2	76.9	60.0	3.2	77.6	63.2	3.3	78.1	66.4
26.0	3.0	74.1	55.8	3.1	74.9	59.1	3.1	75.7	62.4	3.1	76.4	65.7
28.0	2.9	72.0	54.9	3.0	72.9	58.2	3.0	73.8	61.5	3.0	74.6	64.8
30.0	2.8	69.8	53.8	2.8	72.9	57.2	2.9	71.8	60.6	2.9	72.7	63.9
32.0	2.7	67.5	52.6	2.7	68.8	56.1	2.8	69.9	59.6	2.8	70.9	63.0
34.0	2.6	65.3	51.4	2.7	66.6	54.9	2.7	67.9	58.5	2.7	69.0	61.9
36.0	2.5	62.9	50.0	2.6	64.5	53.6	2.6	65.8	57.2	2.7	67.1	60.8
38.0	2.5	60.5	48.5	2.5	62.2	52.2	2.5	63.7	55.9	2.6	65.1	59.6
40.0	2.4	58.0	46.8	2.4	59.9	50.7	2.5	61.6	54.5	2.5	63.1	58.2
42.0	2.3	55.4	45.0	2.4	57.5	49.1	2.4	59.4	53.0	2.4	61.0	56.8
44.0	2.3	52.7	43.0	2.3	55.1	47.3	2.2	57.1	51.3	2.1	58.9	55.2
46.0	2.2	49.8	40.8	2.1	52.5	45.3	2.0	54.8	49.5	1.9	56.7	53.6
48.0	2.0	46.8	38.4	1.9	49.8	43.1	1.8	52.3	47.5	1.7	54.5	51.8
50.0	1.8	43.5	35.7	1.7	46.9	40.7	1.6	49.7	45.4	1.5	52.1	49.8
52.0	1.6	40.0	32.6	1.5	43.9	38.1	1.4	47.0	43.0	1.3	49.7	47.7
54.0	1.4	36.0	29.0	1.3	40.6	35.1	1.2	44.2	40.4	1.1	47.1	45.4
56.0	1.3	31.5	24.7	1.2	36.9	31.7	1.1	41.1	37.6	1.0	44.4	42.8
58.0				1.0	32.8	27.6						
60.0												
62.0												
64.0												
66.0												
68.0												
LLD-code jib	35			39			43			47		