

MODEL **SCX1000A-3**
BOOK NO. **RHP90-EN-RL-EN-001**
SERIAL NO. **SC10A – 9001 and up**

Gross Rated Load Table (EN RATING)

Crane Specification	Conventional Crane
Engine Regulation	Stage IV / Tier 4F
Hoist Rope Diameter	φ 26 mm
Others	—

**Use the Gross Rated Load Table
suitable for your attachments.**

HITACHI SUMITOMO

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SCX1000A-3

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1 GROSS RATED LOAD TABLE

1 Main Boom

Working Radius(m)	Boom Length (m)									Working Radius(m)
	12	15	18	21	24	27	30	33	36	
3.8	100.00									3.8
4	94.95									4
4.5	84.40	84.40								4.5
5	75.95	75.95	75.95	5.6m x						5
5.5	69.05	69.05	68.80	65.70t	6.1m x	6.7m x				5.5
6	63.30	63.30	62.85	60.75	57.25t	49.85t	7.2m x	7.8m x		6
7	54.10	54.10	53.00	51.15	49.30	47.60	44.65t	39.65t	8.3m x	7
8	44.90	44.90	44.75	44.05	42.60	41.25	39.95	38.65	36.00t	8
9	38.10	38.05	37.90	37.85	37.45	36.35	35.30	34.15	33.15	9
10	33.00	32.90	32.75	32.70	32.60	32.40	31.55	30.55	29.70	10
12	11.8m x	25.80	25.60	25.55	25.40	25.35	25.15	25.00	24.40	12
14	26.50t	21.10	20.90	20.80	20.65	20.60	20.40	20.25	20.00	14
16		14.4m x	17.55	17.45	17.25	17.20	17.00	16.85	16.60	16
18		20.30t	17.0m x	14.90	14.75	14.65	14.45	14.30	14.05	18
20			16.20t	19.6m x	12.80	12.70	12.50	12.30	12.05	20
22				13.35t	11.25	11.10	10.90	10.70	10.50	22
24					22.2m x	9.85	9.65	9.45	9.20	24
26					11.10t	24.8m x	8.60	8.35	8.15	26
28						9.40t	27.4m x	7.45	7.25	28
30							7.95t	6.70	6.45	30
32									5.80	32
32.6									5.60	32.6

Unit: ton

1. The rated loads are determined according to EN13000 rating on the condition that the machine is stationed on firm, level ground.
2. The figures surrounded by bold lines are based on factors other than those which would cause a tipping condition.
3. To calculate the maximum load that can actually be lifted, deduct weight of all lifting accessories, such as boom hook and jib hook, from figures shown above.
4. Working radius is the horizontal distance from the slewing center to the center of gravity of a lifted load.
5. The counter weight is 49.5 tons. (Superstructure 37.5 tons + Undercarriage 12.0 tons)
6. Correlation between the number of reeved lines, maximum rated loads, hook weights are shown in the table below.

Hook Capacity	Hook Weight (t)	Maximum Rated Loads (t)							
		8falls	7falls	6falls	5falls	4falls	3falls	2falls	1fall
100t	1.20	100	84	72	60	48	-	-	-
50t	1.17	-	-	-	50	48	36	24	-
35t	0.90	-	-	-	-	-	35	24	-
12t	0.51	-	-	-	-	-	-	-	12

G52296-R00

1 GROSS RATED LOAD TABLE

Unit: ton

Working Radius(m)	Boom Length (m)								Working Radius(m)
	39	42	45	48	51	54	57	60	
8.8	32.95	9.4m x	9.9m x						8.8
9	32.20	29.90t	27.60t	10.5m x	11.1m x	11.6m x			9
10	28.90	28.05	27.35	25.35t	22.45t	19.35t	12.2m x	12.7m x	10
12	23.80	23.15	22.60	22.05	21.35	19.15	18.05t	14.55t	12
14	20.00	19.50	19.05	18.65	18.05	17.60	17.15	14.10	14
16	16.55	16.35	16.20	16.00	15.45	15.10	14.70	13.40	16
18	14.00	13.80	13.65	13.50	13.40	13.05	12.75	12.35	18
20	12.05	11.80	11.65	11.50	11.40	11.25	11.15	10.75	20
22	10.45	10.20	10.05	9.95	9.80	9.65	9.55	9.30	22
24	9.15	8.90	8.75	8.65	8.50	8.35	8.20	8.00	24
26	8.10	7.85	7.70	7.55	7.40	7.25	7.15	6.90	26
28	7.15	6.95	6.80	6.65	6.50	6.35	6.20	6.00	28
30	6.40	6.15	6.00	5.85	5.70	5.55	5.40	5.20	30
32	5.75	5.50	5.35	5.20	5.05	4.90	4.75	4.50	32
34	5.15	4.90	4.75	4.60	4.45	4.30	4.15	3.90	34
36	35.2m x	4.40	4.25	4.10	3.90	3.75	3.60	3.40	36
38	4.85t	37.8m x	3.80	3.65	3.45	3.30	3.15	2.90	38
40		4.00t	3.40	3.25	3.05	2.90	2.75	2.50	40
42			40.4m x	2.85	2.65	2.50	2.35	2.15	42
44			3.30t	43.0m x	2.35	2.20	2.05	1.80	44
46				2.70t	45.3m x	1.90	1.75	44.6m x	46
48					2.15t	47.2m x	46.3m x	1.70t	48
50						1.70t	1.70t		50

G52297-R00

1 GROSS RATED LOAD TABLE

2 Auxiliary Sheave

Working Radius(m)	Boom Length (m)									Unit: ton
	12	15	18	21	24	27	30	33	36	Working Radius(m)
4.6	12.00	5.3m x								4.6
5	12.00	12.00t	5.8m x							5
5.5	12.00	12.00	12.00t	6.3m x	6.9m x					5.5
6	12.00	12.00	12.00	12.00t	12.00t	7.4m x				6
7	12.00	12.00	12.00	12.00	12.00	12.00t		8.5m x		7
8	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00t	9.1m x	8
9	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00t	9
10	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	10
12	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12
14	13.1m x	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	14
16	12.00t	15.7m x	12.00	12.00	12.00	12.00	12.00	12.00	12.00	16
18		12.00t	12.00	12.00	12.00	12.00	12.00	12.00	12.00	18
20			18.2m x	12.00	12.00	12.00	12.00	12.00	11.80	20
22			12.00t	20.8m x	11.00	10.85	10.65	10.45	10.20	22
24				12.00t	23.4m x	9.60	9.35	9.15	8.90	24
26					10.10t	8.50	8.30	8.10	7.85	26
28							7.40	7.20	6.95	28
30							28.6m x	6.40	6.15	30
32							7.20t	31.2m x	5.50	32
33.8								6.00t	5.00	33.8

1. The rated loads are determined according to EN13000 rating on the condition that the machine is stationed on firm, level ground.
2. The figures surrounded by bold lines are based on factors other than those which would cause a tipping condition.
3. To calculate the maximum load that can actually be lifted, deduct weight of all lifting accessories, such as boom hook and jib hook, from figures shown above.
4. Working radius is the horizontal distance from the slewing center to the center of gravity of a lifted load.
5. The counter weight is 49.5 tons. (Superstructure 37.5 tons + Undercarriage 12.0 tons)
6. Hook weights are shown in the table below.

Hook Capacity	Hook Weight (t)
100t	1.20
50t	1.17
35t	0.90
12t	0.51

G52298-R00

1 GROSS RATED LOAD TABLE

Unit: ton

Working Radius(m)	Boom Length (m)							Working Radius(m)
	39	42	45	48	51	54	57	
9.6	12.00	10.2m x	10.7m x	11.3m x	11.8m x			9.6
10	12.00	12.00t	12.00	12.00t	12.00t	12.4m x	12.9m x	10
12	12.00	12.00	12.00	12.00	12.00	12.00t	12.00t	12
14	12.00	12.00	12.00	12.00	12.00	12.00	12.00	14
16	12.00	12.00	12.00	12.00	12.00	12.00	12.00	16
18	12.00	12.00	12.00	12.00	12.00	12.00	12.00	18
20	11.75	11.55	11.35	11.25	11.10	10.80	10.45	20
22	10.15	9.90	9.75	9.60	9.50	9.35	9.10	22
24	8.85	8.60	8.45	8.30	8.20	8.05	7.90	24
26	7.80	7.55	7.35	7.20	7.10	6.95	6.80	26
28	6.85	6.60	6.45	6.30	6.15	6.00	5.85	28
30	6.10	5.85	5.65	5.50	5.40	5.20	5.05	30
32	5.40	5.15	5.00	4.85	4.70	4.55	4.40	32
34	4.85	4.55	4.40	4.25	4.10	3.95	3.80	34
36	4.30	4.05	3.90	3.75	3.60	3.40	3.25	36
38	36.4m x	3.60	3.45	3.25	3.10	2.95	2.80	38
40	4.25t	39.0m x	3.05	2.85	2.70	2.55	2.35	40
42		3.40t	41.6m x	2.50	2.35	41.7m x	40.8m x	42
44			2.75t	2.20	42.8m x	2.20t	2.20t	44
46					2.20t			46

G52299-R00

1 GROSS RATED LOAD TABLE

3 Main Boom with Auxiliary Sheave

Working Radius(m)	Boom Length (m)									Unit: ton
	12	15	18	21	24	27	30	33	36	Working Radius(m)
3.8	97.60									3.8
4	94.95									4
4.5	84.40	84.40								4.5
5	75.95	75.95	75.95	5.6m x						5
5.5	69.05	69.05	68.80	65.10t	6.1m x	6.7m x				5.5
6	63.30	63.30	62.80	60.20	56.60t	49.20t	7.2m x	7.8m x		6
7	54.10	54.10	52.40	50.50	48.70	47.00	44.00t	39.00t	8.3m x	7
8	44.50	44.40	44.30	43.50	42.00	40.70	39.40	38.00	35.40t	8
9	37.70	37.60	37.50	37.40	36.80	35.70	34.70	33.50	32.50	9
10	32.60	32.50	32.30	32.30	32.10	31.80	30.90	29.90	29.00	10
12	11.8m x	25.40	25.20	25.10	25.00	24.90	24.70	24.50	23.80	12
14	26.10t	20.70	20.50	20.40	20.20	20.10	19.90	19.80	19.50	14
16		14.4m x	17.10	17.00	16.80	16.70	16.50	16.40	16.10	16
18		19.90t	17.0m x	14.50	14.30	14.20	14.00	13.80	13.60	18
20			15.80t	19.6m x	12.40	12.30	12.00	11.80	11.60	20
22				12.90t	10.80	10.70	10.50	10.30	10.00	22
24					22.2m x	9.40	9.20	9.00	8.70	24
26					10.70t	24.8m x	8.20	7.90	7.70	26
28						9.00t	27.4m x	7.00	6.80	28
30							7.50t	6.30	6.00	30
32									5.40	32
32.6									5.20	32.6

1. The rated loads are determined according to EN13000 rating on the condition that the machine is stationed on firm, level ground.
2. The figures surrounded by bold lines are based on factors other than those which would cause a tipping condition.
3. To calculate the maximum load that can actually be lifted, deduct weight of all lifting accessories, such as boom hook and jib hook, from figures shown above.
4. Working radius is the horizontal distance from the slewing center to the center of gravity of a lifted load.
5. The counter weight is 49.5 tons. (Superstructure 37.5 tons + Undercarriage 12.0 tons)
6. Correlation between the number of reeved lines, maximum rated loads, hook weights are shown in the table below.

Hook Capacity	Hook Weight (t)	Maximum Rated Loads (t)							
		8falls	7falls	6falls	5falls	4falls	3falls	2falls	1fall
100t	1.20	100	84	72	60	48	-	-	-
50t	1.17	-	-	-	50	48	36	24	-
35t	0.90	-	-	-	-	-	35	24	-
12t	0.51	-	-	-	-	-	-	-	12

G52300-R00

1 GROSS RATED LOAD TABLE

Unit: ton

Working Radius(m)	Boom Length (m)							Working Radius(m)
	39	42	45	48	51	54	57	
8.8	32.30	9.4m x	9.9m x					8.8
9	31.60	29.20t	26.90t	10.5m x	11.1m x	11.6m x		9
10	28.20	27.40	26.70	24.70t	21.40t	18.30t	12.2m x	10
12	23.20	22.50	21.90	21.40	20.70	18.10	17.00t	12
14	19.40	18.90	18.40	17.90	17.30	16.90	16.30	14
16	16.10	15.80	15.70	15.30	14.80	14.40	14.00	16
18	13.50	13.30	13.10	13.00	12.70	12.40	12.00	18
20	11.60	11.30	11.10	11.00	10.90	10.70	10.40	20
22	10.00	9.70	9.60	9.40	9.30	9.10	9.00	22
24	8.70	8.40	8.30	8.10	8.00	7.80	7.70	24
26	7.60	7.40	7.20	7.00	6.90	6.70	6.60	26
28	6.70	6.50	6.30	6.10	6.00	5.80	5.70	28
30	5.90	5.70	5.50	5.40	5.20	5.00	4.90	30
32	5.30	5.00	4.80	4.70	4.50	4.40	4.20	32
34	4.70	4.40	4.30	4.10	3.90	3.80	3.60	34
36	35.2m x	3.90	3.80	3.60	3.40	3.20	3.10	36
38	4.40t	37.8m x	3.30	3.20	3.00	2.80	2.60	38
40		3.50t	2.90	2.80	2.50	2.40	2.20	40
42			40.4m x	2.40	2.20	41.0m x		42
43			2.90t	2.20		2.20t		43

G52301-R00

1 GROSS RATED LOAD TABLE

4 Crane Jib

Unit: ton

Boom Length (m)	24								Boom Length (m)
Jib Length (m)	10		16		22		28		Jib Length (m)
Offset Angle (deg) Radius (m)	10	30	10	30	10	30	10	30	Offset Angle (deg) Radius (m)
9.5	12.00		11.6m x						9.5
10	12.00	12.5m x	12.00t		13.7m x				10
12	12.00	11.25t	12.00		8.80t		15.8m x		12
14	12.00	10.75	12.00	16.4m x	8.80		5.50t		14
16	12.00	10.10	12.00	8.00t	8.80		5.50		16
18	12.00	9.60	12.00	7.60	8.80	20.3m x	5.50		18
20	12.00	9.15	12.00	7.20	8.80	6.00t	5.50		20
22	11.45	8.75	11.75	6.85	8.80	5.75	5.50	24.2m x	22
24	10.15	8.40	10.40	6.50	8.45	5.45	5.50	3.40t	24
26	9.05	8.10	9.30	6.25	8.15	5.20	5.50	3.40	26
28	8.10	7.85	8.35	6.00	7.80	4.95	5.45	3.40	28
30	7.35	7.45	7.60	5.75	7.50	4.75	5.20	3.40	30
32	31.9m x	6.70	6.90	5.55	7.05	4.55	5.00	3.40	32
34	6.70t	32.5m x	6.30	5.40	6.45	4.35	4.80	3.40	34
36		6.55t	5.75	5.30	5.90	4.20	4.65	3.40	36
38			37.6m x	5.20	5.45	4.10	4.40	3.40	38
40			5.40t	38.5m x	5.00	4.00	4.25	3.30	40
42				5.20t	4.65	3.90	4.15	3.20	42
44					43.2m x	3.85	4.00	3.10	44
46					4.45t	44.5m x	3.85	3.00	46
48						3.85t	3.75	2.95	48
50							48.9m x	2.90	50
50.5							3.65t	2.90	50.5

1. The rated loads are determined according to EN13000 rating on the condition that the machine is stationed on firm, level ground.
2. The figures surrounded by bold lines are based on factors other than those which would cause a tipping condition.
3. To calculate the maximum load that can actually be lifted, deduct weight of all lifting accessories, such as boom hook and jib hook, from figures shown above.
4. Working radius is the horizontal distance from the slewing center to the center of gravity of a lifted load.
5. The offset angles shown are of jib boom offset angle against the main boom, under load.
6. The counter weight is 49.5 tons. (Superstructure 37.5 tons + Undercarriage 12.0 tons)
7. Hook weights are shown in the table below.

Hook Capacity	Hook Weight (t)
100t	1.20
50t	1.17
35t	0.90
12t	0.51

G52302-R00

1 GROSS RATED LOAD TABLE

Unit: ton

Boom Length (m)	27								Boom Length (m)
Jib Length (m)	10		16		22		28		Jib Length (m)
Offset Angle (deg) Radius (m)	10	30	10	30	10	30	10	30	Offset Angle (deg) Radius (m)
10	12.00	13.0m x	12.1m x						10
12	12.00	11.25t	12.00t		14.2m x				12
14	12.00	10.90	12.00	16.9m x	8.80t		16.3m x		14
16	12.00	10.35	12.00	7.95t	8.80		5.50t		16
18	12.00	9.80	12.00	7.75	8.80	20.8m x	5.50		18
20	12.00	9.35	12.00	7.35	8.80	6.00t	5.50		20
22	11.30	8.95	11.60	7.00	8.80	5.85	5.50	24.7m x	22
24	10.00	8.60	10.25	6.65	8.65	5.55	5.50	3.40t	24
26	8.90	8.30	9.15	6.40	8.30	5.30	5.50	3.40	26
28	7.95	8.05	8.25	6.15	8.00	5.05	5.50	3.40	28
30	7.20	7.30	7.45	5.90	7.60	4.85	5.40	3.40	30
32	6.50	6.60	6.75	5.70	6.90	4.65	5.15	3.40	32
34	5.90	5.95	6.15	5.55	6.30	4.50	4.95	3.40	34
36	34.5m x	35.1m x	5.60	5.40	5.75	4.35	4.75	3.40	36
38	5.75t	5.65t	5.15	5.25	5.30	4.20	4.55	3.40	38
40			4.70	4.80	4.85	4.10	4.45	3.40	40
42			40.2m x	41.1m x	4.45	4.00	4.25	3.25	42
44			4.70t	4.55t	4.15	3.90	4.10	3.15	44
46					45.8m x	3.85	3.90	3.10	46
48					3.85t	47.1m x	3.60	3.00	48
50						3.75t	3.35	2.95	50
52							51.5m x	2.90	52
53.1							3.20t	2.90	53.1

G52303-R00

1 GROSS RATED LOAD TABLE

Unit: ton

Boom Length (m)	30								Boom Length (m)
Jib Length (m)	10		16		22		28		Jib Length (m)
Offset Angle (deg) Radius (m)	10	30	10	30	10	30	10	30	Offset Angle (deg) Radius (m)
10.6	12.00	13.6m x	12.7m x						10.6
12	12.00	11.20t	12.00t		14.8m x				12
14	12.00	11.05	12.00	17.5m x	8.80t		16.9m x		14
16	12.00	10.50	12.00	7.95t	8.80		5.50t		16
18	12.00	10.00	12.00	7.85	8.80	21.4m x	5.50		18
20	12.00	9.55	12.00	7.45	8.80	6.00t	5.50		20
22	11.10	9.20	11.40	7.10	8.80	5.90	5.50	25.3m x	22
24	9.75	8.85	10.05	6.80	8.75	5.60	5.50	3.40t	24
26	8.65	8.55	8.95	6.55	8.45	5.35	5.50	3.40	26
28	7.75	7.95	8.00	6.30	8.20	5.15	5.50	3.40	28
30	6.95	7.15	7.20	6.05	7.40	4.95	5.50	3.40	30
32	6.30	6.40	6.50	5.85	6.70	4.75	5.35	3.40	32
34	5.70	5.80	5.90	5.70	6.10	4.60	5.10	3.40	34
36	5.15	5.25	5.40	5.55	5.55	4.45	4.90	3.40	36
38	37.1m x	37.7m x	4.90	5.10	5.10	4.30	4.70	3.40	38
40	4.90t	4.80t	4.50	4.65	4.65	4.15	4.55	3.40	40
42			4.15	4.20	4.25	4.05	4.40	3.35	42
44			42.8m x	43.7m x	3.95	3.95	4.05	3.25	44
46			4.00t	3.90t	3.60	3.75	3.70	3.15	46
48					3.35	3.45	3.40	3.05	48
50					48.4m x	49.7m x	3.15	3.00	50
52					3.30t	3.20t	2.90	2.95	52
54							2.70	2.80	54
56							54.1m x	55.7m x	56
58							2.70t	2.60t	58

G52304-R00

1 GROSS RATED LOAD TABLE

Unit: ton

Boom Length (m)	33								Boom Length (m)
Jib Length (m)	10		16		22		28		Jib Length (m)
Offset Angle (deg) Radius (m)	10	30	10	30	10	30	10	30	Offset Angle (deg) Radius (m)
11.1	12.00		13.2m x						11.1
12	12.00	14.1m x	12.00t		15.3m x				12
14	12.00	11.20t	12.00		8.80t		17.4m x		14
16	12.00	10.65	12.00		8.80		5.50t		16
18	12.00	10.20	12.00	7.95	8.80	21.9m x	5.50		18
20	12.00	9.75	12.00	7.55	8.80	6.00t	5.50		20
22	10.90	9.40	11.25	7.25	8.80	5.95	5.50	25.8m x	22
24	9.60	9.05	9.90	6.95	8.80	5.70	5.50	3.40t	24
26	8.50	8.75	8.75	6.65	8.65	5.45	5.50	3.40	26
28	7.55	7.80	7.85	6.40	8.05	5.25	5.50	3.40	28
30	6.75	6.95	7.05	6.20	7.25	5.05	5.50	3.40	30
32	6.05	6.25	6.35	6.00	6.55	4.85	5.40	3.40	32
34	5.45	5.60	5.70	5.80	5.90	4.70	5.20	3.40	34
36	4.95	5.05	5.20	5.45	5.35	4.55	5.05	3.40	36
38	4.50	4.55	4.70	4.90	4.90	4.40	4.85	3.40	38
40	39.7m x	4.10	4.30	4.45	4.45	4.25	4.60	3.40	40
42	4.10t	40.3m x	3.90	4.05	4.05	4.15	4.20	3.40	42
44		4.05t	3.55	3.65	3.70	3.95	3.85	3.30	44
46			45.4m x	3.30	3.40	3.60	3.50	3.20	46
48			3.35t	46.3m x	3.10	3.30	3.25	3.15	48
50				3.25t	2.85	3.00	2.95	3.05	50
52					51.0m x	2.70	2.70	2.95	52
54					2.75t	52.3m x	2.50	2.65	54
56						2.65t	2.30	2.40	56
58							56.7m x	2.20	58
60							2.25t		60

G52305-R00

1 GROSS RATED LOAD TABLE

Unit: ton

Boom Length (m)	36								Boom Length (m)
Jib Length (m)	10		16		22		28		Jib Length (m)
Offset Angle (deg) Radius (m)	10	30	10	30	10	30	10	30	Offset Angle (deg) Radius (m)
11.7	12.00		13.8m x						11.7
12	12.00	14.7m x	12.00t		15.9m x				12
14	12.00	11.15t	12.00		8.80t				14
16	12.00	10.80	12.00	18.6m x	8.80				16
18	12.00	10.35	12.00	7.90t	8.80		5.50		18
20	12.00	9.95	12.00	7.65	8.80	22.5m x	5.50		20
22	10.65	9.55	11.00	7.35	8.80	5.95t	5.50		22
24	9.35	9.20	9.65	7.05	8.80	5.75	5.50	26.4m x	24
26	8.25	8.55	8.55	6.80	8.80	5.55	5.50	3.40t	26
28	7.30	7.60	7.60	6.55	7.85	5.30	5.50	3.40	28
30	6.50	6.75	6.80	6.30	7.00	5.10	5.50	3.40	30
32	5.80	6.00	6.10	6.10	6.30	4.95	5.50	3.40	32
34	5.20	5.40	5.50	5.80	5.70	4.75	5.35	3.40	34
36	4.70	4.85	4.95	5.25	5.15	4.60	5.15	3.40	36
38	4.20	4.35	4.45	4.75	4.65	4.50	4.80	3.40	38
40	3.80	3.90	4.05	4.25	4.25	4.35	4.35	3.40	40
42	3.45	3.50	3.65	3.85	3.85	4.15	4.00	3.40	42
44	42.3m x	42.9m x	3.30	3.45	3.50	3.75	3.65	3.35	44
46	3.40t	3.35t	3.00	3.15	3.20	3.40	3.30	3.30	46
48			2.70	2.80	2.90	3.10	3.00	3.20	48
50				48.9m x	2.65	2.80	2.75	3.05	50
52				2.70t	2.40	2.50	2.50	2.75	52
54					53.6m x	2.25	2.30	2.50	54
56					2.20t	54.4m x	54.8m x	2.25	56
56.4						2.20t	2.20t	2.20	56.4

G52306-R00

1 GROSS RATED LOAD TABLE

Unit: ton

Boom Length (m)	39								Boom Length (m)
Jib Length (m)	10		16		22		28		Jib Length (m)
Offset Angle (deg) Radius (m)	10	30	10	30	10	30	10	30	Offset Angle (deg) Radius (m)
12.2	12.00	15.2m x	14.3m x						12.2
14	12.00	11.15t	12.00t		16.4m x				14
16	12.00	10.95	12.00	19.1m x	8.80t		18.5m x		16
18	12.00	10.50	12.00	7.90t	8.80		5.50t		18
20	12.00	10.10	12.00	7.75	8.80	23.0m x	5.50		20
22	10.60	9.70	10.90	7.45	8.80	5.95t	5.50		22
24	9.25	9.40	9.60	7.15	8.80	5.85	5.50	26.9m x	24
26	8.15	8.50	8.45	6.90	8.70	5.60	5.50	3.40t	26
28	7.20	7.50	7.50	6.65	7.75	5.40	5.50	3.40	28
30	6.40	6.70	6.70	6.45	6.90	5.20	5.50	3.40	30
32	5.70	5.95	6.00	6.25	6.20	5.00	5.50	3.40	32
34	5.10	5.30	5.40	5.75	5.60	4.85	5.50	3.40	34
36	4.60	4.75	4.85	5.15	5.05	4.70	5.20	3.40	36
38	4.10	4.25	4.35	4.65	4.55	4.55	4.70	3.40	38
40	3.70	3.80	3.95	4.20	4.10	4.45	4.25	3.40	40
42	3.30	3.40	3.55	3.75	3.75	4.10	3.85	3.40	42
44	3.00	3.05	3.20	3.40	3.40	3.70	3.50	3.40	44
46	44.9m x	45.5m x	2.90	3.05	3.05	3.35	3.20	3.35	46
48	2.85t	2.80t	2.60	2.75	2.75	3.00	2.90	3.25	48
50			2.35	2.45	2.50	2.70	2.65	2.95	50
52			50.6m x	51.5m x	2.25	2.45	2.40	2.65	52
54			2.30t	2.25t	52.5m x	2.20	53.6m x	2.40	54
55.6					2.20t		2.20t	2.20	55.6

G52307-R00

1 GROSS RATED LOAD TABLE

Unit: ton

Boom Length (m)	42								Boom Length (m)
Jib Length (m)	10		16		22		28		Jib Length (m)
Offset Angle (deg) Radius (m)	10	30	10	30	10	30	10	30	Offset Angle (deg) Radius (m)
12.8	12.00	15.8m x	14.9m x						12.8
14	12.00	11.10t	12.00t		17.0m x				14
16	12.00	11.05	12.00	19.7m x	8.80t		19.1m x		16
18	12.00	10.60	12.00	7.85t	8.80		5.50t		18
20	12.00	10.25	12.00	7.85	8.80	23.6m x	5.50		20
22	10.35	9.85	10.70	7.50	8.80	5.95t	5.50		22
24	9.00	9.45	9.35	7.25	8.80	5.90	5.50	27.5m x	24
26	7.90	8.30	8.25	7.00	8.50	5.65	5.50	3.40t	26
28	6.95	7.30	7.30	6.75	7.55	5.45	5.50	3.40	28
30	6.15	6.45	6.45	6.55	6.70	5.25	5.50	3.40	30
32	5.50	5.75	5.75	6.20	6.00	5.10	5.50	3.40	32
34	4.85	5.10	5.15	5.55	5.35	4.90	5.50	3.40	34
36	4.35	4.55	4.60	5.00	4.80	4.75	5.00	3.40	36
38	3.85	4.05	4.15	4.45	4.35	4.65	4.50	3.40	38
40	3.45	3.60	3.70	4.00	3.90	4.35	4.05	3.40	40
42	3.05	3.20	3.30	3.55	3.50	3.90	3.65	3.40	42
44	2.75	2.80	2.95	3.20	3.15	3.50	3.30	3.40	44
46	2.45	2.50	2.65	2.85	2.85	3.15	3.00	3.40	46
48	47.5m x	2.20	2.35	2.50	2.55	2.85	2.70	3.10	48
50	2.20t	48.1m x	49.2m x	2.25	2.30	2.50	2.40	2.80	50
52		2.20t	2.20t	50.3m x	50.8m x	2.25	51.6m x	2.50	52
54				2.20t	2.20t	52.4m x	2.20t	2.25	54
54.4						2.20t		2.20	54.4

G52308-R00

1 GROSS RATED LOAD TABLE

Unit: ton

Boom Length (m)	45								Boom Length (m)
Jib Length (m)	10		16		22		28		Jib Length (m)
Offset Angle (deg) Radius (m)	10	30	10	30	10	30	10	30	Offset Angle (deg) Radius (m)
13.3	12.00		15.4m x						13.3
14	12.00	16.3m x	12.00t		17.5m x				14
16	12.00	11.10t	12.00		8.80t		19.6m x		16
18	12.00	10.75	12.00	20.2m x	8.80		5.50t		18
20	11.85	10.35	12.00	7.85t	8.80		5.50		20
22	10.20	10.00	10.55	7.60	8.80	24.1m x	5.50		22
24	8.85	9.35	9.20	7.35	8.80	5.95t	5.50		24
26	7.75	8.15	8.10	7.10	8.35	5.70	5.50		26
28	6.80	7.15	7.10	6.85	7.40	5.50	5.50	3.40	28
30	6.00	6.35	6.30	6.65	6.55	5.35	5.50	3.40	30
32	5.30	5.60	5.60	6.10	5.85	5.15	5.50	3.40	32
34	4.70	4.95	5.00	5.45	5.20	5.00	5.40	3.40	34
36	4.15	4.40	4.45	4.85	4.65	4.85	4.85	3.40	36
38	3.70	3.90	3.95	4.30	4.15	4.70	4.35	3.40	38
40	3.25	3.45	3.55	3.85	3.75	4.20	3.90	3.40	40
42	2.90	3.05	3.15	3.40	3.35	3.75	3.50	3.40	42
44	2.55	2.65	2.80	3.05	3.00	3.40	3.15	3.40	44
46	2.25	2.35	2.50	2.70	2.65	3.00	2.80	3.30	46
48	46.3m x	47.0m x	2.20	2.40	2.35	2.70	2.50	2.95	48
50	2.20t	2.20t		49.3m x	49.2m x	2.40	2.25	2.65	50
52				2.20t	2.20t	51.3m x	50.4m x	2.35	52
53.2						2.20t	2.20t	2.20	53.2

G52309-R00

1 GROSS RATED LOAD TABLE

Unit: ton

Boom Length (m)	48								Boom Length (m)
Jib Length (m)	10		16		22		28		Jib Length (m)
Offset Angle (deg) Radius (m)	10	30	10	30	10	30	10	30	Offset Angle (deg) Radius (m)
13.9	12.00								13.9
14	12.00	16.9m x							14
16	12.00	11.05t	12.00		18.1m x				16
18	12.00	10.85	12.00	20.8m x	8.80t		20.2m x		18
20	11.70	10.45	12.00	7.85t	8.80		5.50t		20
22	10.05	10.15	10.40	7.70	8.80	24.6m x	5.50		22
24	8.70	9.20	9.05	7.40	8.80	5.90t	5.50		24
26	7.60	8.05	7.90	7.15	8.20	5.75	5.50	28.5m x	26
28	6.65	7.05	6.95	6.95	7.25	5.55	5.50	3.40t	28
30	5.85	6.20	6.15	6.75	6.40	5.40	5.50	3.40	30
32	5.15	5.45	5.45	5.95	5.70	5.20	5.50	3.40	32
34	4.55	4.80	4.80	5.30	5.05	5.05	5.25	3.40	34
36	4.00	4.25	4.30	4.70	4.50	4.90	4.70	3.40	36
38	3.55	3.75	3.80	4.20	4.00	4.55	4.20	3.40	38
40	3.10	3.30	3.35	3.70	3.55	4.10	3.75	3.40	40
42	2.70	2.90	3.00	3.30	3.20	3.65	3.35	3.40	42
44	2.40	2.50	2.65	2.90	2.80	3.25	3.00	3.40	44
46	45.3m x	2.20	2.30	2.55	2.50	2.90	2.65	3.20	46
48	2.20t		46.6m x	2.25	2.20	2.55	2.35	2.85	48
50			2.20t	48.3m x		2.25	49.2m x	2.55	50
52				2.20t		50.4m x	2.20t	2.25	52
52.3						2.20t		2.20	52.3

G52310-R00

1 GROSS RATED LOAD TABLE

Unit: ton

Boom Length (m)	51								Boom Length (m)
Jib Length (m)	10		16		22		28		Jib Length (m)
Offset Angle (deg) Radius (m)	10	30	10	30	10	30	10	30	Offset Angle (deg) Radius (m)
14.4	12.00	17.4m x	16.5m x						14.4
16	12.00	11.05t	12.00t		18.6m x				16
18	12.00	10.95	12.00	21.3m x	8.80t		20.7m x		18
20	11.40	10.60	11.75	7.85t	8.80		5.50t		20
22	9.90	10.25	10.30	7.75	8.80	25.2m x	5.50		22
24	8.60	9.10	8.95	7.50	8.80	5.90t	5.50		24
26	7.45	7.95	7.80	7.25	8.05	5.80	5.50	29.1m x	26
28	6.50	6.95	6.85	7.00	7.10	5.65	5.50	3.40t	28
30	5.70	6.10	6.00	6.65	6.25	5.45	5.50	3.40	30
32	5.00	5.35	5.30	5.85	5.55	5.30	5.50	3.40	32
34	4.40	4.70	4.70	5.20	4.90	5.10	5.10	3.40	34
36	3.85	4.10	4.15	4.60	4.35	5.00	4.55	3.40	36
38	3.35	3.60	3.65	4.05	3.85	4.45	4.05	3.40	38
40	2.95	3.15	3.20	3.60	3.45	4.00	3.60	3.40	40
42	2.55	2.75	2.85	3.15	3.05	3.55	3.20	3.40	42
44	2.20	2.40	2.45	2.80	2.70	3.15	2.85	3.40	44
46		45.1m x	45.6m x	2.45	2.35	2.75	2.50	3.05	46
48		2.20t	2.20t	47.4m x	47.0m x	2.45	2.20	2.75	48
50				2.20t	2.20t	49.6m x		2.40	50
51.6						2.20t		2.20	51.6

G52311-R00

1 GROSS RATED LOAD TABLE

5 Main Boom with Crane Jib

Unit: ton

Boom Length (m)	24								Boom Length (m)
Jib Length (m)	10		16		22		28		Jib Length (m)
Offset Angle (deg) Radius (m)	10	30	10	30	10	30	10	30	Offset Angle (deg) Radius (m)
6.1	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	6.1
7	47.80	47.45	47.10	46.50	46.30	45.35	45.40	44.05	7
8	41.10	40.80	40.45	39.90	39.65	38.85	38.80	37.65	8
9	35.95	35.70	35.30	34.85	34.55	33.85	33.70	32.70	9
10	31.35	31.10	30.80	30.35	30.15	29.50	29.40	28.50	10
12	24.15	24.00	23.65	23.35	23.00	22.55	22.30	21.65	12
14	19.40	19.30	18.90	18.65	18.30	17.95	17.65	17.15	14
16	16.05	15.95	15.50	15.35	14.95	14.70	14.30	13.95	16
18	13.50	13.45	13.00	12.90	12.45	12.30	11.85	11.60	18
20	11.55	11.50	11.10	11.00	10.55	10.40	9.95	9.80	20
22	10.00	10.00	9.55	9.50	9.05	9.00	8.45	8.40	22
22.2	9.90	9.85	9.40	9.40	8.90	8.85	8.30	8.25	22.2

1. The rated loads determined according to EN13000 rating on the condition that the machine is stationed on firm, level ground.
2. The figures surrounded by bold lines are based on factors other than those which would cause a tipping condition.
3. To calculate the maximum load that can actually be lifted, deduct weight of all lifting accessories, such as boom hook and jib hook, from figures shown above.
4. Working radius is the horizontal distance from the slewing center to the center of gravity of a lifted load.
5. The offset angles shown are of jib boom offset angle against the main boom, under load.
6. The counter weight is 49.5 tons. (Superstructure 37.5 tons + Undercarriage 12.0 tons)
7. Correlation between the number of reeved lines, maximum rated loads, hook weights are shown in the table below.

Hook Capacity	Hook Weight (t)	Maximum Rated Loads (t)							
		8falls	7falls	6falls	5falls	4falls	3falls	2falls	1fall
100t	1.20	100	84	72	60	48	-	-	-
50t	1.17	-	-	-	50	48	36	24	-
35t	0.90	-	-	-	-	-	35	24	-
12t	0.51	-	-	-	-	-	-	-	12

G52312-R00

1 GROSS RATED LOAD TABLE

Unit: ton

Boom Length (m)	27								Boom Length (m)
Jib Length (m)	10		16		22		28		Jib Length (m)
Offset Angle (deg) Radius (m)	10	30	10	30	10	30	10	30	Offset Angle (deg) Radius (m)
6.7	48.35	48.00	47.70	47.05	46.95	45.95	46.10	44.65	6.7
7	46.10	45.75	45.45	44.85	44.70	43.75	43.85	42.50	7
8	39.75	39.50	39.15	38.60	38.40	37.60	37.60	36.45	8
9	34.85	34.60	34.25	33.80	33.55	32.85	32.75	31.75	9
10	30.95	30.70	30.35	29.95	29.65	29.05	28.85	28.00	10
12	24.10	23.95	23.60	23.30	23.00	22.50	22.35	21.65	12
14	19.35	19.20	18.85	18.60	18.30	17.90	17.65	17.10	14
16	15.95	15.85	15.45	15.30	14.90	14.65	14.30	13.90	16
18	13.40	13.35	12.95	12.80	12.40	12.20	11.80	11.50	18
20	11.45	11.40	11.00	10.90	10.50	10.30	9.90	9.70	20
22	9.90	9.85	9.45	9.35	8.95	8.85	8.40	8.25	22
24	8.65	8.60	8.20	8.15	7.70	7.65	7.15	7.10	24
24.8	8.20	8.15	7.75	7.75	7.30	7.25	6.75	6.70	24.8

G52313-R00

Unit: ton

Boom Length (m)	30								Boom Length (m)
Jib Length (m)	10		16		22		28		Jib Length (m)
Offset Angle (deg) Radius (m)	10	30	10	30	10	30	10	30	Offset Angle (deg) Radius (m)
7.2	43.15	42.85	42.55	41.95	41.85	40.90	41.00	39.70	7.2
8	38.50	38.20	37.90	37.35	37.20	36.40	36.40	35.25	8
9	33.80	33.55	33.20	32.75	32.55	31.85	31.80	30.80	9
10	30.05	29.80	29.45	29.05	28.80	28.20	28.05	27.20	10
12	23.95	23.75	23.45	23.10	22.90	22.35	22.25	21.50	12
14	19.15	19.00	18.70	18.40	18.15	17.75	17.55	16.95	14
16	15.75	15.65	15.30	15.10	14.75	14.45	14.20	13.75	16
18	13.25	13.15	12.80	12.60	12.25	12.00	11.70	11.35	18
20	11.25	11.20	10.80	10.70	10.30	10.10	9.75	9.50	20
22	9.70	9.65	9.25	9.15	8.75	8.65	8.25	8.05	22
24	8.45	8.40	8.00	7.95	7.50	7.40	7.00	6.85	24
26	7.40	7.35	6.95	6.90	6.50	6.45	6.00	5.90	26
27.4	6.75	6.75	6.35	6.30	5.90	5.85	5.40	5.35	27.4

G52314-R00

1 GROSS RATED LOAD TABLE

Unit: ton

Boom Length (m)	33								Boom Length (m)
Jib Length (m)	10		16		22		28		Jib Length (m)
Offset Angle (deg) Radius (m)	10	30	10	30	10	30	10	30	Offset Angle (deg) Radius (m)
7.8	38.20	37.90	37.60	37.05	36.95	36.10	36.20	35.00	7.8
8	37.20	36.90	36.60	36.05	35.90	35.10	35.15	34.00	8
9	32.70	32.45	32.15	31.65	31.50	30.75	30.75	29.75	9
10	29.10	28.85	28.55	28.10	27.90	27.25	27.20	26.30	10
12	23.60	23.45	23.10	22.75	22.45	21.95	21.80	21.10	12
14	19.00	18.85	18.55	18.25	18.00	17.60	17.45	16.85	14
16	15.60	15.50	15.15	14.95	14.65	14.30	14.05	13.60	16
18	13.05	12.95	12.60	12.45	12.10	11.85	11.55	11.20	18
20	11.10	11.00	10.65	10.50	10.15	9.95	9.65	9.30	20
22	9.50	9.45	9.10	8.95	8.60	8.45	8.10	7.85	22
24	8.25	8.20	7.80	7.70	7.35	7.20	6.85	6.65	24
26	7.20	7.15	6.75	6.70	6.30	6.20	5.80	5.65	26
28	6.30	6.25	5.90	5.85	5.45	5.35	4.95	4.85	28
30	5.50	5.50	5.10	5.10	4.70	4.60	4.20	4.20	30

G52315-R00

Unit: ton

Boom Length (m)	36								Boom Length (m)
Jib Length (m)	10		16		22		28		Jib Length (m)
Offset Angle (deg) Radius (m)	10	30	10	30	10	30	10	30	Offset Angle (deg) Radius (m)
8.3	34.55	34.30	34.00	33.50	33.35	32.60	32.65	31.55	8.3
9	31.70	31.40	31.10	30.65	30.50	29.80	29.80	28.80	9
10	28.20	28.00	27.65	27.25	27.05	26.40	26.35	25.45	10
12	22.90	22.75	22.40	22.05	21.80	21.30	21.15	20.45	12
14	18.80	18.65	18.35	18.05	17.80	17.40	17.25	16.60	14
16	15.40	15.25	14.95	14.70	14.45	14.10	13.90	13.40	16
18	12.85	12.70	12.40	12.20	11.90	11.60	11.40	10.95	18
20	10.85	10.75	10.45	10.25	9.95	9.70	9.45	9.10	20
22	9.30	9.20	8.85	8.75	8.40	8.20	7.90	7.60	22
24	8.00	7.90	7.60	7.50	7.15	6.95	6.60	6.40	24
26	6.95	6.85	6.55	6.45	6.10	5.95	5.60	5.40	26
28	6.05	6.00	5.65	5.55	5.20	5.10	4.70	4.60	28
30	5.30	5.25	4.90	4.85	4.45	4.40	4.00	3.90	30
32	4.65	4.60	4.25	4.20	3.85	3.80	3.35	3.30	32
32.6	4.45	4.45	4.10	4.05	3.65	3.65	3.20	3.15	32.6

G52316-R00

1 GROSS RATED LOAD TABLE

Unit: ton

Boom Length (m)	39								Boom Length (m)
Jib Length (m)	10		16		22		28		Jib Length (m)
Offset Angle (deg) Radius (m)	10	30	10	30	10	30	10	30	Offset Angle (deg) Radius (m)
8.8	31.50	31.25	30.95	30.45	30.35	29.60	29.65	28.60	8.8
9	30.75	30.50	30.20	29.75	29.60	28.85	28.90	27.90	9
10	27.40	27.20	26.90	26.45	26.30	25.65	25.60	24.70	10
12	22.30	22.15	21.80	21.45	21.25	20.70	20.60	19.85	12
14	18.60	18.45	18.10	17.80	17.55	17.10	16.90	16.35	14
16	15.35	15.20	14.95	14.70	14.45	14.05	13.90	13.35	16
18	12.80	12.70	12.40	12.20	11.90	11.60	11.40	10.95	18
20	10.80	10.70	10.40	10.25	9.95	9.70	9.45	9.05	20
22	9.25	9.15	8.85	8.70	8.40	8.15	7.90	7.60	22
24	7.95	7.85	7.55	7.45	7.10	6.95	6.60	6.35	24
26	6.90	6.80	6.50	6.40	6.05	5.90	5.55	5.35	26
28	6.00	5.90	5.60	5.50	5.15	5.05	4.70	4.55	28
30	5.20	5.15	4.80	4.75	4.40	4.30	3.95	3.80	30
32	4.55	4.50	4.15	4.10	3.75	3.70	3.30	3.20	32
34	4.00	3.95	3.60	3.55	3.20	3.15	2.75	2.70	34
35.2	3.65	3.65	3.30	3.30	2.90	2.85	2.45	2.45	35.2

G52317-R00

Unit: ton

Boom Length (m)	42								Boom Length (m)
Jib Length (m)	10		16		22		28		Jib Length (m)
Offset Angle (deg) Radius (m)	10	30	10	30	10	30	10	30	Offset Angle (deg) Radius (m)
9.4	28.45	28.20	27.90	27.45	27.30	26.65	26.65	25.70	9.4
10	26.60	26.35	26.05	25.65	25.50	24.85	24.85	23.95	10
12	21.65	21.45	21.15	20.80	20.60	20.05	19.95	19.25	12
14	18.05	17.85	17.55	17.25	17.00	16.55	16.40	15.80	14
16	15.15	15.00	14.70	14.45	14.25	13.85	13.65	13.15	16
18	12.55	12.45	12.15	11.95	11.70	11.35	11.20	10.75	18
20	10.60	10.50	10.20	10.00	9.75	9.45	9.25	8.85	20
22	9.00	8.90	8.60	8.45	8.15	7.95	7.65	7.35	22
24	7.70	7.65	7.30	7.20	6.90	6.70	6.40	6.15	24
26	6.65	6.55	6.25	6.15	5.80	5.65	5.35	5.10	26
28	5.75	5.65	5.35	5.25	4.90	4.80	4.45	4.30	28
30	4.95	4.90	4.60	4.50	4.15	4.05	3.70	3.55	30
32	4.30	4.25	3.90	3.85	3.50	3.40	3.05	2.95	32
34	3.70	3.70	3.35	3.30	2.95	2.90	2.50	2.40	34
36	3.20	3.20	2.85	2.80	2.45	2.40	35.2m x 2.20t	34.8m x 2.20t	36
38	37.8m x 2.80t	37.8m x 2.80t	37.8m x 2.45t	37.8m x 2.45t	37.1m x 2.20t	37.0m x 2.20t			38
40									40

G52318-R00

1 GROSS RATED LOAD TABLE

Unit: ton

Boom Length (m)	45								Boom Length (m)
Jib Length (m)	10		16		22		28		Jib Length (m)
Offset Angle (deg) Radius (m)	10	30	10	30	10	30	10	30	Offset Angle (deg) Radius (m)
9.9	26.15	25.90	25.65	25.20	25.05	24.40	24.45	23.50	9.9
10	25.85	25.60	25.35	24.95	24.80	24.15	24.15	23.25	10
12	21.10	20.90	20.60	20.25	20.05	19.55	19.45	18.70	12
14	17.55	17.40	17.10	16.80	16.55	16.10	15.95	15.35	14
16	14.85	14.75	14.40	14.15	13.90	13.50	13.30	12.80	16
18	12.45	12.30	12.00	11.80	11.55	11.25	11.05	10.60	18
20	10.45	10.30	10.05	9.85	9.60	9.30	9.10	8.70	20
22	8.85	8.75	8.45	8.30	8.00	7.80	7.55	7.20	22
24	7.55	7.45	7.15	7.05	6.75	6.55	6.25	6.00	24
26	6.50	6.40	6.10	6.00	5.65	5.50	5.20	4.95	26
28	5.55	5.50	5.20	5.10	4.80	4.65	4.30	4.10	28
30	4.80	4.75	4.40	4.35	4.00	3.90	3.55	3.40	30
32	4.15	4.10	3.75	3.70	3.35	3.25	2.90	2.80	32
34	3.55	3.50	3.20	3.15	2.80	2.70	2.35	2.25	34
36	3.05	3.00	2.70	2.65	2.30	2.25	34.6m x	34.2m x	36
38	2.60	2.55	2.25	2.20	36.4m x	36.2m x	2.20t	2.20t	38
40	2.20	2.20	38.2m x		2.20t	2.20t			40
42			2.20t						42

G52319-R00

Unit: ton

Boom Length (m)	48								Boom Length (m)
Jib Length (m)	10		16		22		28		Jib Length (m)
Offset Angle (deg) Radius (m)	10	30	10	30	10	30	10	30	Offset Angle (deg) Radius (m)
10.5	23.90	23.65	23.40	23.00	22.85	22.25	22.20	21.35	10.5
12	20.55	20.35	20.10	19.75	19.55	19.00	18.95	18.20	12
14	17.15	16.95	16.65	16.35	16.15	15.70	15.55	14.95	14
16	14.50	14.35	14.05	13.80	13.55	13.15	12.95	12.45	16
18	12.30	12.15	11.90	11.65	11.45	11.10	10.90	10.45	18
20	10.30	10.20	9.90	9.70	9.45	9.15	9.00	8.55	20
22	8.70	8.60	8.30	8.15	7.90	7.65	7.40	7.05	22
24	7.40	7.30	7.05	6.90	6.60	6.40	6.15	5.85	24
26	6.35	6.25	5.95	5.85	5.55	5.35	5.10	4.85	26
28	5.45	5.35	5.05	4.95	4.65	4.50	4.20	4.00	28
30	4.65	4.60	4.30	4.20	3.90	3.75	3.45	3.25	30
32	4.00	3.95	3.60	3.55	3.20	3.10	2.80	2.65	32
34	3.40	3.35	3.05	2.95	2.65	2.55	2.20	33.6m x	34
36	2.90	2.85	2.55	2.50	35.8m x	35.4m x		2.20t	36
38	2.45	2.40	37.5m x	37.3m x	2.20t	2.20t			38
40	39.2m x	39.0m x	2.20t	2.20t					40
42	2.20t	2.20t							42

G52320-R00

1 GROSS RATED LOAD TABLE

Unit: ton

Boom Length (m)	51								Boom Length (m)
Jib Length (m)	10		16		22		28		Jib Length (m)
Offset Angle (deg) Radius (m)	10	30	10	30	10	30	10	30	Offset Angle (deg) Radius (m)
11.1	20.45	20.35	19.85	19.70	19.20	18.95	18.45	18.10	11.1
12	19.85	19.65	19.40	19.05	18.75	18.35	18.00	17.55	12
14	16.55	16.35	16.05	15.75	15.55	15.10	15.00	14.35	14
16	13.95	13.80	13.50	13.25	13.00	12.60	12.45	11.90	16
18	11.90	11.80	11.45	11.25	10.95	10.65	10.45	9.95	18
20	10.20	10.05	9.80	9.60	9.30	9.00	8.80	8.40	20
22	8.60	8.45	8.20	8.00	7.75	7.50	7.30	6.95	22
24	7.25	7.20	6.90	6.75	6.50	6.25	6.00	5.70	24
26	6.20	6.10	5.80	5.70	5.40	5.20	4.95	4.70	26
28	5.25	5.20	4.90	4.80	4.50	4.35	4.05	3.80	28
30	4.50	4.40	4.10	4.00	3.70	3.55	3.30	3.10	30
32	3.80	3.75	3.45	3.35	3.05	2.95	2.65	2.45	32
34	3.20	3.15	2.85	2.80	2.50	2.35	33.5m x 2.20t	32.9m x 2.20t	34
36	2.70	2.65	2.35	2.30	35.0m x 2.20t	34.6m x 2.20t			36
38	2.25	2.20	36.6m x 2.20t	36.4m x 2.20t	2.20t	2.20t			38
40	38.2m x 2.20t								40
42									42

G52321-R00

1 GROSS RATED LOAD TABLE

6 Main Boom (Using Third Winch)

Working Radius(m)	Boom Length (m)									Working Radius(m)	
	12	15	18	21	24	27	30	33	36		
3.8	90.00										3.8
4	90.00										4
4.5	84.40	84.40									4.5
5	75.95	75.95	75.95	5.6m x							5
5.5	69.05	69.05	68.80	65.70t	6.1m x	6.7m x					5.5
6	63.30	63.30	62.85	60.75	57.25t	49.85t	7.2m x	7.8m x			6
7	54.10	54.10	53.00	51.15	49.30	47.60	44.65t	39.65t	8.3m x		7
8	44.90	44.90	44.75	44.05	42.60	41.25	39.95	38.65	36.00t		8
9	38.10	38.05	37.90	37.85	37.45	36.35	35.30	34.15	33.15		9
10	33.00	32.90	32.75	32.70	32.60	32.40	31.55	30.55	29.70		10
12	11.8m x	25.80	25.60	25.55	25.40	25.35	25.15	25.00	24.40		12
14	26.50t	21.10	20.90	20.80	20.65	20.60	20.40	20.25	20.00		14
16		14.4m x	17.50	17.45	17.25	17.20	17.00	16.85	16.60		16
18		20.30t	17.0m x	14.90	14.75	14.65	14.45	14.30	14.05		18
20			16.20t	19.6m x	12.80	12.70	12.50	12.30	12.05		20
22				13.35t	11.25	11.10	10.90	10.70	10.50		22
24					22.2m x	9.85	9.65	9.45	9.20		24
26					11.10t	24.8m x	8.60	8.35	8.10		26
28						9.40t	27.4m x	7.45	7.20		28
30							7.95t	6.70	6.45		30
32									5.80		32
34									32.6m x		34
36									5.60t		36

1. The rated loads are determined according to EN13000 rating on the condition that the machine is stationed on firm, level ground.
2. The figures surrounded by bold lines are based on factors other than those which would cause a tipping condition.
3. To calculate the maximum load that can actually be lifted, deduct weight of all lifting accessories, such as boom hook and jib hook, from figures shown above.
4. Working radius is the horizontal distance from the slewing center to the center of gravity of a lifted load.
5. The counter weight is 49.5 tons. (Superstructure 37.5 tons + Undercarriage 12.0 tons)
6. Correlation between the number of reeved lines, maximum rated loads, hook weights are shown in the table below.

Hook Capacity	Hook Weight (t)	Maximum Rated Loads (t)							
		8falls	7falls	6falls	5falls	4falls	3falls	2falls	1fall
100t	1.20	100	84	72	60	48	-	-	-
50t	1.17	-	-	-	50	48	36	24	-
35t	0.90	-	-	-	-	-	35	24	-
12t	0.51	-	-	-	-	-	-	-	12

G52322-R00

1 GROSS RATED LOAD TABLE

Unit: ton

Working Radius(m)	Boom Length (m)								Working Radius(m)	
	39	42	45	48	51	54	57	60		
7	8.8m x									7
8	32.95t	9.4m x	9.9m x							8
9	32.20	29.90t	27.60t	10.5m x	11.1m x	11.6m x				9
10	28.90	28.05	27.35	25.35t	23.10t	19.85t	12.2m x	12.7m x		10
12	23.80	23.15	22.55	22.05	21.35	19.65	18.55t	14.90t		12
14	20.00	19.50	19.05	18.65	18.05	17.60	17.15	14.40		14
16	16.55	16.35	16.20	16.00	15.45	15.10	14.70	13.70		16
18	14.00	13.80	13.65	13.50	13.40	13.05	12.75	12.35		18
20	12.05	11.80	11.65	11.50	11.40	11.25	11.15	10.75		20
22	10.45	10.20	10.05	9.95	9.80	9.65	9.55	9.30		22
24	9.15	8.90	8.75	8.65	8.50	8.35	8.20	8.00		24
26	8.10	7.85	7.70	7.55	7.40	7.25	7.15	6.90		26
28	7.15	6.95	6.80	6.65	6.50	6.35	6.20	6.00		28
30	6.40	6.15	6.00	5.85	5.70	5.55	5.40	5.20		30
32	5.75	5.50	5.35	5.20	5.05	4.90	4.75	4.50		32
34	5.15	4.90	4.75	4.60	4.45	4.30	4.15	3.90		34
36	35.2m x	4.40	4.25	4.10	3.90	3.75	3.60	3.40		36
38	4.85t	37.8m x	3.75	3.65	3.45	3.30	3.15	2.90		38
40		4.00t	3.35	3.20	3.05	2.90	2.75	2.50		40
42			40.4m x	2.85	2.65	2.50	2.35	2.15		42
44			3.30t	43.0m x	2.35	2.20	2.05	1.80		44
46				2.70t	45.3m x	1.90	1.75	44.8m x		46
48					2.15t	47.4m x	46.3m x	1.70t		48
50						1.70t	1.70t			50

G52323-R00

1 GROSS RATED LOAD TABLE

7 Main Boom with Aux. Sheave (Using Third Winch)

Working Radius(m)	Boom Length (m)									Unit: ton
	12	15	18	21	24	27	30	33	36	Working Radius(m)
3.8	90.00									3.8
4	90.00									4
4.5	84.40	84.40								4.5
5	75.95	75.95	75.95	5.6m x						5
5.5	69.05	69.05	68.80	65.10t	6.1m x	6.7m x				5.5
6	63.30	63.30	62.80	60.20	56.65t	49.25t	7.2m x	7.8m x		6
7	54.10	54.10	52.45	50.55	48.70	47.00	44.05t	39.05t	8.3m x	7
8	44.50	44.45	44.30	43.50	42.00	40.70	39.40	38.05	35.40t	8
9	37.70	37.65	37.45	37.40	36.85	35.75	34.70	33.55	32.55	9
10	32.60	32.55	32.35	32.30	32.15	31.85	30.95	29.95	29.05	10
12	11.8m x	25.40	25.20	25.15	25.00	24.90	24.70	24.50	23.80	12
14	26.10t	20.70	20.50	20.40	20.25	20.15	19.95	19.80	19.55	14
16		14.4m x	17.15	17.05	16.85	16.75	16.55	16.40	16.15	16
18		19.95t	17.0m x	14.55	14.35	14.25	14.05	13.85	13.60	18
20			15.80t	19.6m x	12.40	12.25	12.05	11.85	11.60	20
22				12.95t	10.85	10.70	10.50	10.30	10.05	22
24					22.2m x	9.45	9.25	9.00	8.75	24
26					10.70t	24.8m x	8.20	7.95	7.70	26
28						9.00t	27.4m x	7.05	6.80	28
30							7.55t	6.30	6.05	30
32									5.40	32
34									32.6m x	34
36									5.20t	36

1. The rated loads are determined according to EN13000 rating on the condition that the machine is stationed on firm, level ground.
2. The figures surrounded by bold lines are based on factors other than those which would cause a tipping condition.
3. To calculate the maximum load that can actually be lifted, deduct weight of all lifting accessories, such as boom hook and jib hook, from figures shown above.
4. Working radius is the horizontal distance from the slewing center to the center of gravity of a lifted load.
5. The counter weight is 49.5 tons. (Superstructure 37.5 tons + Undercarriage 12.0 tons)
6. Correlation between the number of reeved lines, maximum rated loads, hook weights are shown in the table below.

Hook Capacity	Hook Weight (t)	Maximum Rated Loads (t)							
		8falls	7falls	6falls	5falls	4falls	3falls	2falls	1fall
100t	1.20	100	84	72	60	48	-	-	-
50t	1.17	-	-	-	50	48	36	24	-
35t	0.90	-	-	-	-	-	35	24	-
12t	0.51	-	-	-	-	-	-	-	12

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1 GROSS RATED LOAD TABLE

Unit: ton

Working Radius(m)	Boom Length (m)							Working Radius(m)
	39	42	45	48	51	54	57	
7	8.8m x							7
8	32.35t	9.4m x	9.9m x					8
9	31.60	29.25t	26.95t	10.5m x	11.1m x	11.6m x		9
10	28.25	27.40	26.70	24.70t	22.10t	18.85t	12.2m x	10
12	23.15	22.50	21.90	21.40	20.70	18.65	17.50t	12
14	19.45	18.90	18.40	17.95	17.35	16.90	16.45	14
16	16.10	15.85	15.70	15.35	14.80	14.40	14.00	16
18	13.55	13.30	13.15	13.00	12.75	12.40	12.05	18
20	11.55	11.35	11.15	11.00	10.90	10.75	10.45	20
22	10.00	9.75	9.60	9.45	9.30	9.15	9.00	22
24	8.70	8.45	8.30	8.15	8.00	7.85	7.70	24
26	7.65	7.40	7.20	7.05	6.90	6.75	6.60	26
28	6.75	6.50	6.30	6.15	6.00	5.85	5.70	28
30	5.95	5.70	5.55	5.40	5.20	5.05	4.90	30
32	5.30	5.05	4.85	4.70	4.55	4.40	4.20	32
34	4.75	4.45	4.30	4.15	3.95	3.80	3.65	34
36	35.2m x	3.95	3.80	3.60	3.45	3.25	3.10	36
38	4.45t	37.8m x	3.35	3.15	3.00	2.80	2.65	38
40		3.55t	2.95	2.80	2.55	2.40	2.25	40
42			40.4m x	2.45	2.20	41.2m x	40.3m x	42
44			2.85t	43.0m x	42.2m x	2.20t	2.20t	44
46				2.25t	2.20t			46

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