



This electronic  
**CRANE RATING MANUAL**  
is  
**“FOR REFERENCE ONLY”**

The lift capacity information with serial number, that is located on the capacity plate or in the Crane Rating Manual affixed in the crane operator's cab, supersedes all other lift capacities.

This document and all other lift capacity information are for reference only.

Notice: The referenced lift capacities contained herein are only for the crane with the serial number that appears at the bottom of each page.

**SN: S4K8-4536**

SERIAL NUMBER: **S4K8-4536**

# CRANE RATING MANUAL

## RTC-8080 II

TELESCOPIC BOOM ROUGH TERRAIN CRANE  
12.50m-38.71m FOUR SECTION FULL POWER BOOM

For Replacement, Order Part Number: S4P0030  
(082417)

**Link-Belt**<sup>®</sup>  
CONSTRUCTION EQUIPMENT

\* Link-Belt is a registered trademark.

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## **WARNING**

**READ AND UNDERSTAND THE OPERATOR'S AND SAFETY MANUALS AND THE FOLLOWING INSTRUCTIONS AND RATED LIFTING CAPACITIES BEFORE OPERATING THE CRANE. OPERATION WHICH DOES NOT FOLLOW THESE INSTRUCTIONS MAY RESULT IN AN ACCIDENT.**

### **Operating Instructions**

#### **General:**

1. Rated lifting capacities in kilograms as shown on lift charts pertain to this crane as originally manufactured and normally equipped by Link-Belt Construction Equipment Company (LBCE). Modifications to the crane or use of optional equipment other than that specified can result in a reduction in capacity.
2. Construction equipment can be dangerous if improperly operated or maintained. Operation and maintenance of this crane must be in compliance with the information in the Operator's, Parts, and Safety Manuals supplied with this crane. If these manuals are missing, order replacements through the distributor.
3. The operator and other personnel associated with this crane shall read and fully understand the latest applicable American National Standards Institute (ANSI) and American Society of Mechanical Engineers (ASME) safety standards for cranes
4. All rated lifting capacities listed in this Crane Rating Manual are in compliance with ANSI/ASME B30.5, SAE J1063, and SAE J765 in effect at the time of manufacture.
5. The rated lifting capacities are based on crane standing level on firm supporting surface.

#### **Set Up:**

1. The crane shall be leveled on a firm supporting surface. Depending on the nature of the supporting surface, it may be necessary to have structural supports under the outrigger pontoons or tires to spread the load to a larger bearing surface.
2. When making lifts on outriggers, all tires must be free of supporting surface. All outrigger beams must be extended to the same length; fully retracted, intermediate extended, or fully extended.
3. When making lifts on tires, they must be inflated to the recommended pressure. (See "Tire Inflation".)
4. For required parts of line, see "Wire Rope Capacity Chart" and "Winch Performance".
5. Before setting up the crane, refer to "Allowable Crane Configurations" and rated lifting capacities to determine allowable crane configurations.

#### **Operation:**

1. Rated lifting capacities at rated radius shall not be exceeded. Do not tip the crane to determine allowable loads.
2. Rated lifting capacities shall be reduced for repetitive lift applications. For concrete bucket operation, weight of bucket and load shall not exceed 80% of rated load. For duty cycle operation, such as loading and unloading, maximum allowable load shall not exceed 70% of rated load. For clamshell and magnet operation, weight of bucket, or magnet, and load shall not exceed 70% of rated load. Lifts with fly erected are prohibited for clamshell and magnet operation.
3. Rated lifting capacities shown on fully extended outriggers do not exceed 85% of the tipping loads. Rated lifting capacities shown on intermediate extended or fully retracted outriggers are determined by the formula, rated load = (tipping load - 0.1 X load factor)/1.25. Rated lifting capacities shown on tires do not exceed 75% of the tipping loads. Tipping loads are determined by SAE crane stability test code SAE J765.
4. Rated lifting capacities in the shaded areas are governed by factors other than those that would cause a tipping condition.
5. Rated lifting capacities include the weight of the hook block, hook ball, slings, bucket, magnet, auxiliary lifting devices, etc. Their weights must be subtracted from the listed rated capacity to obtain the net load which can be lifted. Rated lifting capacities include the deduct for fly stowed on the base of the boom. For deducts of any fly erected, but not used, see "Capacity Deductions".
6. Rated lifting capacities are based on freely suspended loads. No attempt shall be made to move a load horizontally on the ground in any direction.
7. Rated lifting capacities are for lift crane service only.
8. Do not operate at radii or boom lengths (minimum or maximum) where capacities are not listed. At these positions, the crane can tip or cause boom failure.
9. The maximum loads which can be telescoped are not definable because of variation in loadings and crane maintenance, but it is permissible to attempt retraction and extension within the limits of the applicable load rating chart.

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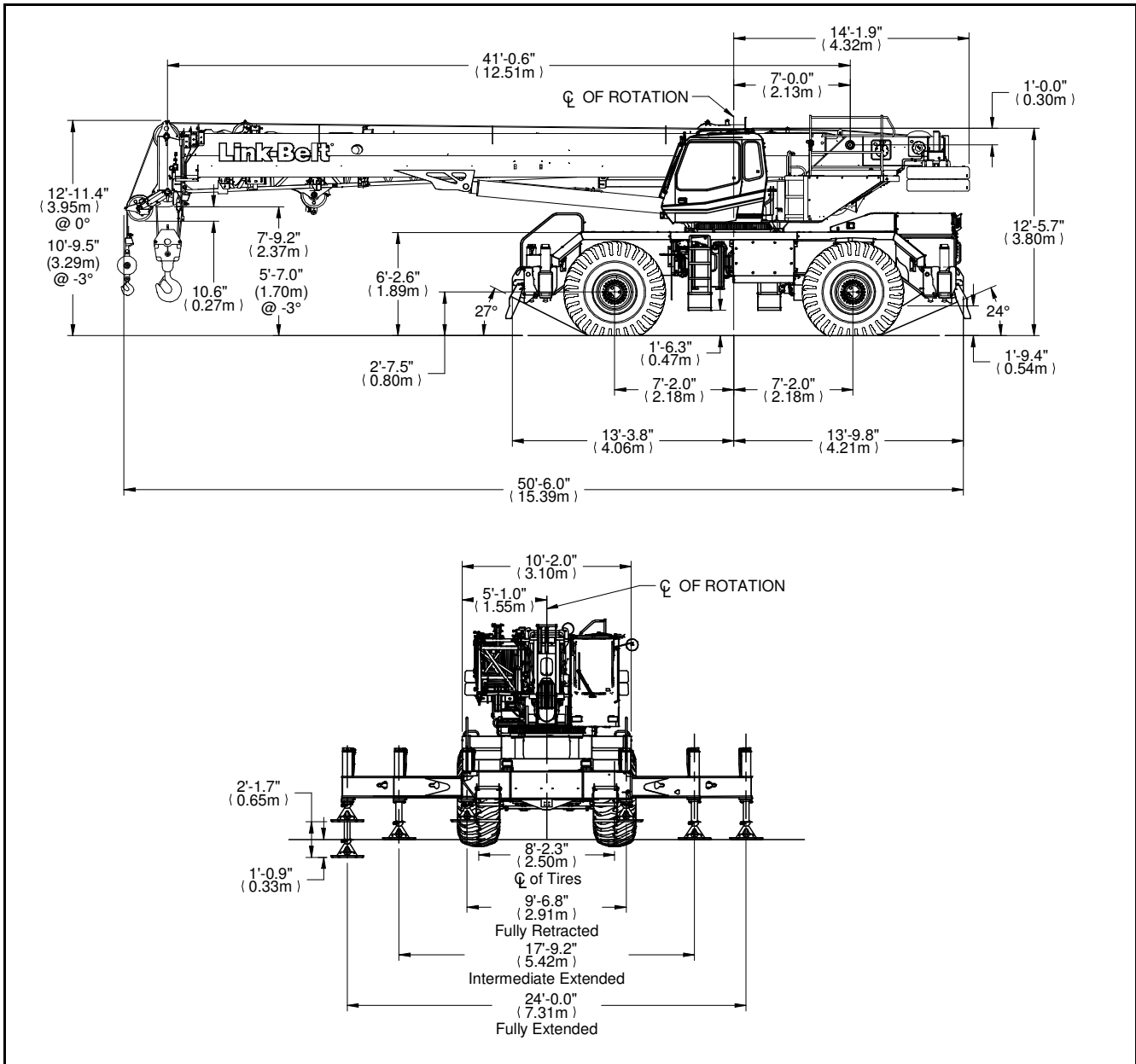
10. Main boom capacities and offset fly capacities are determined by radius and boom length. When either boom length or radius, or both are between values listed, proceed as follows:
  - a. For boom lengths not listed, use rating for next longer boom length or next shorter boom length, whichever is smaller.
  - b. For load radii not listed, use rating for next larger radius.
11. The user shall operate at reduced ratings to allow for adverse job conditions such as: soft or uneven ground, out of level conditions, wind, side loads, pendulum action, jerking, or sudden stopping of loads, hazardous conditions, experience of personnel, traveling with loads, electrical wires, etc. Side load on boom and/or fly is dangerous and shall be avoided.
12. Rated lifting capacities do not account for the effects of excessive wind on a suspended load or boom. See "Wind Speed Restrictions" for allowed wind speed operation and appropriate capacity reduction.
13. For cold weather operation, rated capacities should be reduced by the following rule: a 1% reduction in rated capacity should be taken for each 1°F (.6°C) below 0°F (-18°C). Example: if the temperature is -10°F (-23°C) a 10% reduction in rated capacities should be taken, at -40°F (-40°C) a 40% reduction.
14. Heat from the sun only on one side of the boom may cause a temperature differential in the sides of the boom. The thermal effects may cause the boom to distort (bend to one side) creating a side load on the boom and/or fly. Side loading is dangerous and shall be avoided. Refer to the Operator's Manual for more instructions.
15. For auxiliary lifting sheave capacities, use main boom charts minus auxiliary lifting sheave deduct. (See "Capacity Deductions".) The effective length of the boom increases by .61m.
16. The power sections of the boom, for the selected boom mode, must be extended and retracted equally.
17. Rated lifting capacities are based on correct reeving. A deduction must be made for excessive reeving. Any reeving over minimum required is considered excessive and must be accounted for when making lifts. Use the Working Range Diagram to estimate the extra length of rope, then deduct the required rope weight (listed on the Wire Rope Capacity Chart) for the extra length of wire rope before attempting to lift a load.
18. The loaded boom angle combined with the boom length gives only an approximation of the operating radius. The boom angle, before loading, should be greater to account for deflection. Some capacities are limited by a maximum obtainable 80° boom angle.
19. The 12.50m boom length structural lifting capacities are based on boom fully retracted. If the boom is not fully retracted, do not exceed capacities shown for the next boom length.
20. Rated lifting capacities on tires depend on tire capacity, condition of tires, and tire air pressure. On tire capacities require lifting from main boom head only with the crane supported on a smooth, firm, and level surface. Pick and carry operations are restricted to speeds of 4km/h and creep. For pick and carry operation, the boom must be centered over the front of the crane with two position travel swing lock engaged and the load must be restrained from swinging. Lifts on tires with any fly erected are prohibited. For correct tire pressure, see "Tire Inflation".

### Definitions:

1. Loaded Boom Angle In Degrees: The angle between the boom base section and horizontal with freely suspended load at the rated radius.
2. Load Radius: Horizontal distance from a projection of the axis of rotation to the supporting surface, before loading, to the center of the vertical hoist line or tackle with load applied.
3. Working Area: Area measured in a circular arc about the centerline of rotation as shown on the Working Areas Diagram.
4. Freely Suspended Load: Load hanging free with no direct external force applied except by the hoist line.
5. Side Load: Horizontal side force applied to the lifted load either on the ground or in the air.
6. No Load Stability Limit: The radius or boom angle beyond which it is not permitted to position the boom because the crane can overturn without any load on the hook.
7. Load Factor: Load applied at the boom tip which gives the same moment effect as the boom mass.
8. Creep: Crane movement limited to 61m in a 30 minute period and not to exceed .4m/sec (1.6km/h) maximum speed.

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# General Dimensions



## Tire Inflation

Tire Size	Operation	Tire Pressure (kPa)
29.5 x 25	Stationary	517
	Creep	517
	4.0km/h	448

## Pontoon Loadings

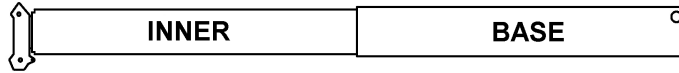
Maximum Pontoon Loading (kg)	Maximum Pontoon Ground Bearing Pressure (kPa)
48 988	1 620

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# Boom Extend Modes

## Boom Mode AMAX

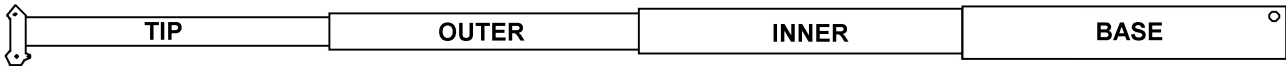
Only inner section telescopes.



Telescope Length (m)	Boom Length (m)
0.00	12.50
2.74	15.2
5.79	18.3
8.75	21.23

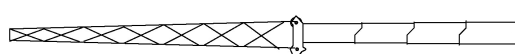
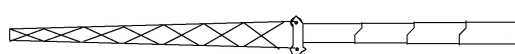
## Boom Mode STD

Inner, outer, and tip sections telescope simultaneously.



Telescope Length (m)			Boom Length (m)
0.00	0.00	0.00	12.50
0.90	0.90	0.90	15.2
1.93	1.93	1.93	18.3
2.93	2.93	2.93	21.3
3.97	3.97	3.97	24.4
4.97	4.97	4.97	27.4
6.00	6.00	6.00	30.5
7.00	7.00	7.00	33.5
8.03	8.03	8.03	36.6
8.74	8.74	8.74	38.71

## Allowable Crane Configurations

O/R Position	Ctwt (t)	Boom Length (m)		Boom Length With Fly (m)											
		AMAX	STD	3.0m Fly	11.6m Fly	19.5m Fly	24.4m Fly	29.3m Fly	4.9m Ext.						
Full	0	12.50-21.23	12.50-38.71	 STD 12.50 - 38.71											
	A 4.4									Prohibited					
	AA 8.8														
Intermediate	0	12.50-21.23	12.50-38.71	 STD 12.50 - 38.71											
	A 4.4									Prohibited					
	AA 8.8														
Retracted	0	12.50-21.23	12.50-27.4	Prohibited											
	A 4.4		12.50-33.5												
	AA 8.8		12.50-38.71												
On Tires	0	12.50-21.23	12.50-24.4	Prohibited											
	A 4.4		12.50-30.5												
	AA 8.8		12.50-33.5												

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## Winch Performance

Wire Rope Layer	Winch Line Pulls		Drum Rope Capacity (m)	
	Two Speed Winch			
	Low Speed	High Speed	Layer	Total
	Available (kg*)	Available (kg)		
1	8 391	3 789	34.7	34.7
2	7 743	3 484	37.8	72.5
3	7 166	3 224	40.8	113.4
4	6 668	3 000	43.9	157.3
5	6 236	2 805	46.9	204.2
6	--	--	50.0	254.2

\*Maximum lifting capacity: Type RB Rope=5 860kg, Type ZB Rope=7 075kg, Type GC Rope=10 160kg, Type YB, KC Rope=7 260kg

## Wire Rope Capacity Chart

Maximum Lifting Capacities Based on Wire Rope Strength					
Parts of Line	3/4", 19mm				Winch Line Pull - Fourth Layer*
	Type RB	Type ZB	Type GC	Type YB, KC	
1	5 860	7 075	10 160	7 260	6 668
2	11 720	14 150	20 320	14 520	13 336
3	17 580	21 225	30 480	21 780	20 004
4	23 440	28 300	40 640	29 040	26 672
5	29 300	35 375	50 800	36 300	33 340
6	35 160	42 450	60 960	43 560	40 008
7	41 020	49 525	71 120	50 820	46 676
8	46 880	56 600	81 280	58 080	53 344
9	52 740	63 675	91 440	65 340	60 012
10	58 600	70 750	101 600	72 600	66 680
11	64 460	77 825	111 760	79 860	73 348
12	70 320	84 900	121 920	87 120	80 016
Rope Weight (kg/m)	1.8	1.9	1.6	1.8	N/A
LBCE Type	Description				
RB	18 x 19 Rotation Resistant - Compacted Strand - High Strength, Preformed, Right Regular Lay				
ZB	34 x 7 Non-Rotating, E.I.P.S., Right Regular Lay or Right Lang Lay				
GC	4 Strand, Low Torque, E.I.P.S., Right Regular Lay				
YB	34 x 7 Rotation Resistant - WSC - Compacted Strand - Right Lang Lay				
KC	37 x 7 Rotation Resistant, Non-Rotating, Galvanized, Right Lang Lay				
* Available low speed winch pull on fourth layer wire rope					

**Notes:**

1. Capacities shown are in kilograms and working loads must not exceed the ratings on the capacity charts in this Crane Rating Manual.
2. Capacity deducts for auxiliary lifting devices do not apply for wire rope strength capacities.
3. Special reeving, using the auxiliary sheave, is required when using more than 10 parts of line.
4. Consult Operator's Manual for wire rope inspection procedures, single part of line applications, and reeving diagrams.
5. If the wire rope single line pull is greater than the 4th layer winch line pull, the winch could stall when lifting rated loads. It is recommended that the 4th layer winch line pull be used to calculate the required parts of line to make lifts.

If using other than the 4th layer, calculate per the follow examples:

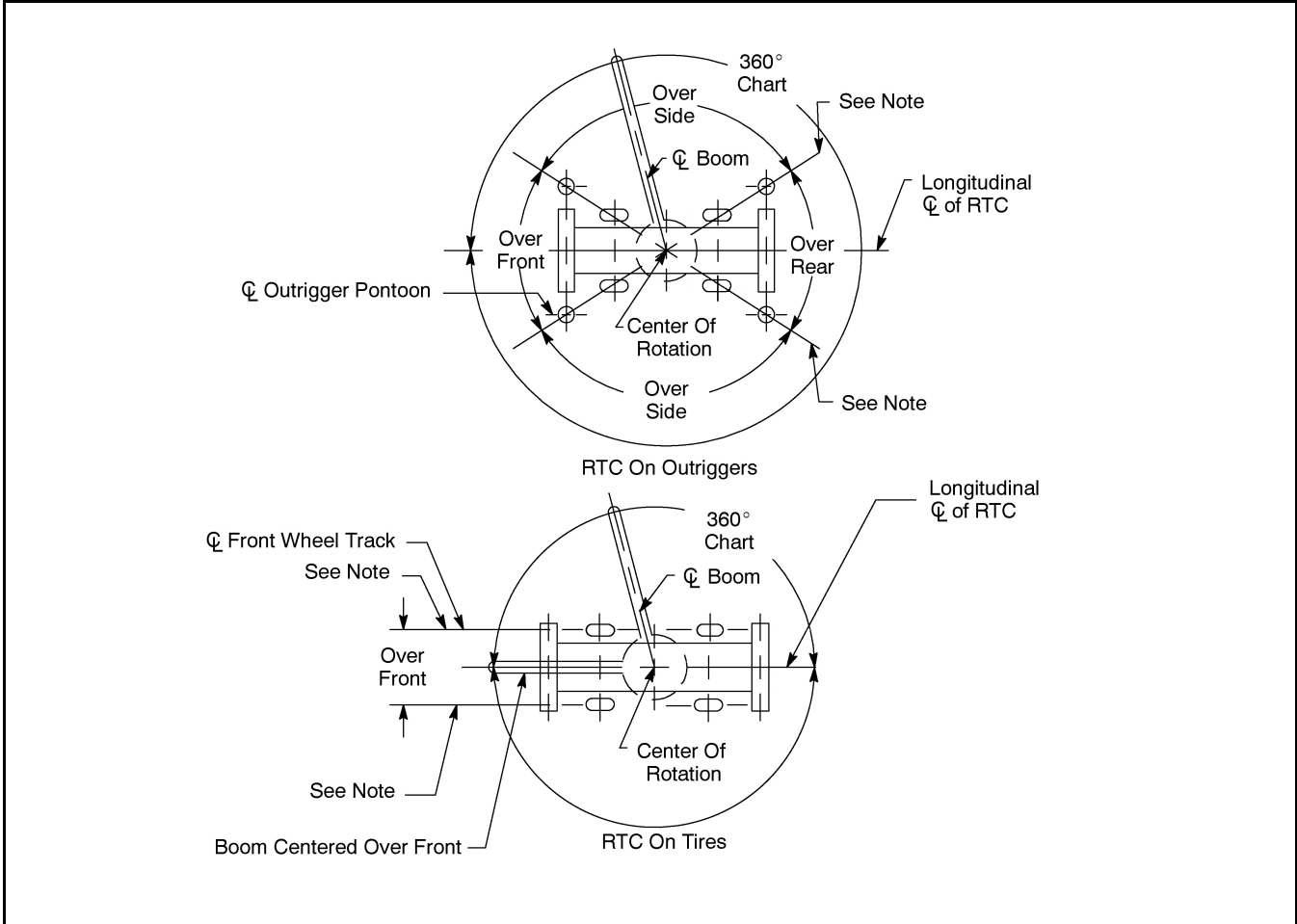
Using the 1st layer line pull to lift from:  $(\text{Load}(\text{kg})/8\ 391 = \text{Parts of line})$

Using the 5th layer line pull to lift from:  $(\text{Load}(\text{kg})/6\ 236 = \text{Parts of line})$

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## Working Areas



**Note:** These lines determine the limiting position of any load for operation within working areas indicated.

## Backward Stability - Maximum Boom Angle

Counterweight (t)	Tires			Fully Retracted Outriggers *
	Side	Front	Rear	
0	80°	80°	80°	80°
4.4	75°	80°	80°	80°
8.8	60°	80°	80°	75°

\* Maximum boom angle is based on retracted boom at the least stable over side position

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## Capacity Deductions

Load Handling Equipment	Weight (kg)
22.7t Quick Reeve 1 Sheave Hook Block (See Hook Block For Actual Weight)	340
36.3t Ton Quick Reeve 4 Sheave Hook Block (See Hook Block For Actual Weight)	408
54.4t Quick Reeve 4 Sheave Hook Block (See Hook Block For Actual Weight)	503
54.4t Quick Reeve 5 Sheave Hook Block (See Hook Block For Actual Weight)	500
73.0t Quick Reeve 5 Sheave Hook Block (See Hook Block For Actual Weight)	638
91.0t Quick Reeve 6 Sheave Hook Block (See Hook Block For Actual Weight)	705
7.7t Hook Ball (See Hook Ball For Actual Weight)	163
9.1t Hook Ball (See Hook Ball For Actual Weight)	264

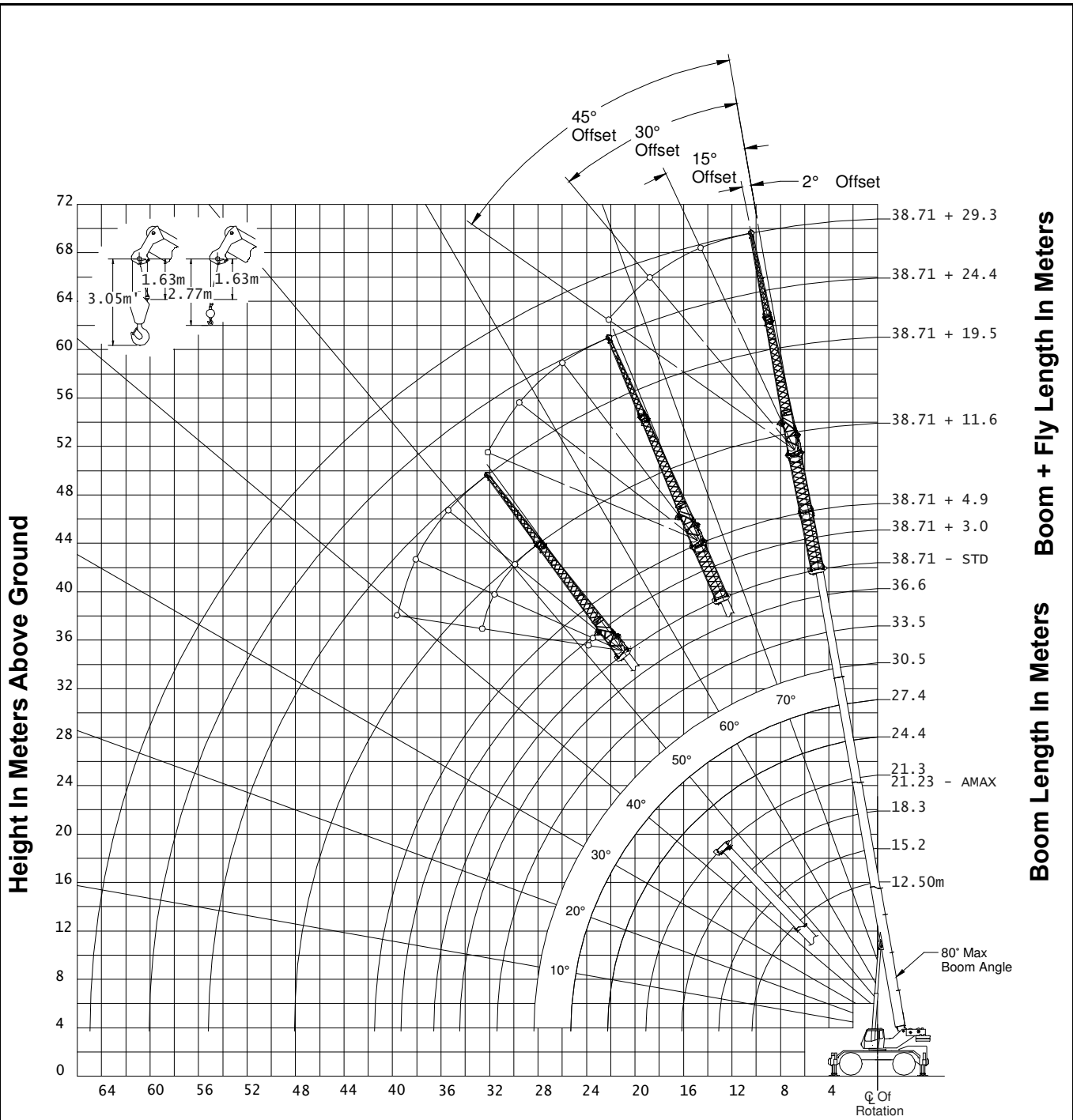
Auxiliary Lifting Devices	Weight (kg)
Auxiliary Lifting Sheave Attached	45
<b>Lifting From Main Boom With:</b>	
3m, 11.6m, or 19.5m Fly Stowed on Boom Base (See Operation Note 5)	0
3m Offset Fly Erected But Not Used	771
11.6m Offset Fly Erected But Not Used	2 041
19.5m Offset Fly Erected But Not Used	5 035
24.4m Offset Fly Erected But Not Used	<b>Prohibited</b>
29.3m Offset Fly Erected But Not Used	<b>Prohibited</b>
4.9m Fly Extension Erected But Not Used	680
<b>Lifting From 3m or 11.6m Fly With:</b>	
8.5m Fly Center Erected But Not Used	<b>Prohibited</b>
7.9m Fly Tip Erected But Not Used	<b>Prohibited</b>
7.9m Fly Tip Stowed On 11.6m Fly	<b>Prohibited</b>
Note: Capacity deductions are for Link-Belt supplied equipment only.	

## Wind Speed Restrictions

If The Wind Speed Is:	Rated Capacities Must Be Reduced By At Least:
0 - 32km/h	Normal Lifting Operations (See Capacity Charts)
33 - 47km/h	40%
48 - 63km/h	70%
64km/h or Greater	Crane operation must be shutdown and the boom retracted and lowered to horizontal.
* Additional reductions are required for loads with large wind sail area. * These restrictions are based on crane on fully extended outriggers. * When wind speed for normal operation is exceeded, the operator shall add 10° to all minimum boom angles due to no load stability and shall not boom down below that angle.	

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# Working Range Diagram



## Operating Radius From Centerline Of Rotation In Meters

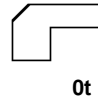
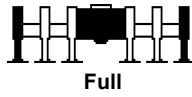
**Note:** Boom and fly geometry shown are for unloaded condition and crane standing level on firm supporting surface. Boom deflection, subsequent radius, and boom angle change must be accounted for when applying load to hook.

### **WARNING**

Do not lower the boom below the minimum boom angle for no load stability as shown in the lift charts for the boom lengths given. Loss of stability will occur causing a tipping condition.

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Rated Lifting Capacities In Kilograms



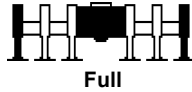
Radius (m)	Boom Length (m)							
	12.50		15.2		18.3		21.23	
	360°	Front	360°	Front	360°	Front	360°	Front
2.5	75 850	75,850						
3.0	68 050	68,050	47 850	47,850	47 200	47,200	30 250	30,250
3.5	58 350	58,350	47 850	47,850	47 200	47,200	30 250	30,250
4.0	50 900	50,900	47 850	47,850	45 950	45,950	30 250	30,250
4.5	45 000	45,000	44 800	44,800	43 100	43,100	30 250	30,250
5.0	40 200	40,200	40 000	40,000	39 850	39,850	30 250	30,250
6.0	32 900	32,900	32 750	32,750	32 600	32,600	29 100	29,100
7.0	27 600	27,600	27 450	27,450	27 300	27,300	26 300	26,300
8.0	21 650	22,100	21 250	21,700	20 950	21,400	20 700	21,150
9.0	16 600	17,100	16 350	16,900	16 100	16,600	15 850	16,400
10.0	13 150	13,600	13 000	13,550	12 750	13,250	12 550	13,100
12.0			8 650	9,100	8 550	9,000	8 400	8,850
14.0					5 900	6,300	5 800	6,250
16.0					4 100	4,450	4 100	4,450
18.0							2 750	3,100

Min Angle	0.0		0.0		0.0		0.0	
Max Rad.	10.4		13.1		16.2		19.1	
Capacity	12 050	12 550	6 950	7 400	3 950	4 300	2 150	2 500

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Radius (m)	Boom Length (m)									
	12.50		15.2		18.3		21.3		24.4	
	360°	Front	360°	Front	360°	Front	360°	Front	360°	Front
2.5	75 850	75,850								
3.0	68 050	68,050	21 950	21,950	21 750	21,750	21 550	21,550		
3.5	58 350	58,350	21 950	21,950	21 750	21,750	21 550	21,550	21 750	21,750
4.0	50 900	50,900	21 950	21,950	21 750	21,750	21 550	21,550	21 750	21,750
4.5	45 000	45,000	21 950	21,950	21 750	21,750	21 550	21,550	21 750	21,750
5.0	40 200	40,200	21 950	21,950	21 750	21,750	21 550	21,550	21 750	21,750
6.0	32 900	32,900	21 950	21,950	21 750	21,750	21 550	21,550	21 750	21,750
7.0	27 600	27,600	21 950	21,950	21 750	21,750	21 550	21,550	21 750	21,750
8.0	21 650	22,100	21 950	21,950	21 750	21,750	21 550	21,550	21 750	21,750
9.0	16 600	17,100	17 150	17,600	17 450	17,900	17 650	18,100	17 750	18,250
10.0	13 150	13,600	13 750	14,250	14 050	14,500	14 200	14,700	14 350	14,850
12.0			9 300	9,750	9 700	10,150	9 850	10,300	10 000	10,450
14.0					6 950	7,350	7 200	7,600	7 300	7,700
16.0					5 100	5,450	5 400	5,750	5 550	5,850
18.0							4 050	4,350	4 200	4,500
20.0									3 200	3,450
22.0									2 400	2,650

Min Angle	0.0	0.0	0.0	0.0	0.0
Max Rad.	10.4	13.1	16.2	19.2	22.3
Capacity	12 050 12 550	7 600 8 050	5 000 5 350	3 400 3 650	2 300 2 550

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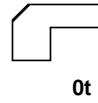
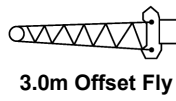
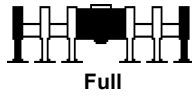
Radius (m)	Boom Length (m)									
	27.4		30.5		33.5		36.6		38.71	
	360°	Front	360°	Front	360°	Front	360°	Front	360°	Front
4.5	22 000	22,000								
5.0	22 000	22,000								
6.0	22 000	22,000	20 950	20,950	16 900	16,900				
7.0	22 000	22,000	19 550	19,550	16 900	16,900	12 300	12,300		
8.0	22 000	22,000	18 350	18,350	16 550	16,550	12 300	12,300	10 550	10,550
9.0	17 850	18,350	17 250	17,250	15 600	15,600	12 300	12,300	10 550	10,550
10.0	14 450	14,950	14 550	15,000	14 600	14,700	12 300	12,300	10 550	10,550
12.0	10 100	10,550	10 150	10,600	10 200	10,650	10 250	10,700	10 300	10,550
14.0	7 400	7,800	7 450	7,850	7 500	7,900	7 550	7,950	7 550	7,950
16.0	5 600	5,950	5 700	6,000	5 750	6,050	5 700	6,100	5 750	6,100
18.0	4 300	4,650	4 400	4,700	4 450	4,750	4 450	4,800	4 500	4,800
20.0	3 300	3,600	3 400	3,700	3 450	3,750	3 500	3,750	3 500	3,800
22.0	2 500	2,800	2 600	2,900	2 650	2,950	2 700	2,950	2 750	3,000
24.0	1 900	2,100	2 000	2,200	2 050	2,300	2 100	2,350	2 100	2,350
26.0			1 450	1,650	1 550	1,750	1 600	1,800	1 600	1,850
28.0			1 000	1,200	1 100	1,300	1 150	1,350	1 200	1,400
30.0					700	900	750	950	800	1,000
32.0									500	650

Min Angle	0.0	0.0	0.0	24.0	30.0
Max Rad.	25.3	28.4	31.4	32.0	32.3
Capacity	1 550 1 750	950 1 150	500 650	0 0	0 0

1010020

SN: S4K8-4536

Rated Lifting Capacities In Kilograms

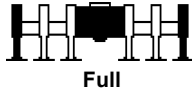


Boom Length (m)										
Fly Offset										
Radius (m)	12.50	15.2	18.3	21.3	24.4	27.4	30.5	33.5	36.6	38.71
	2°-45°	2°-45°	2°-45°	2°-45°	2°-45°	2°-45°	2°-45°	2°-45°	2°-45°	2°-45°
3.0	16 200	18 650	18 700							
3.5	15 950	16 100	16 150	18 150						
4.0	15 750	15 900	16 000	15 850	17 700					
4.5	15 550	15 700	15 800	15 750	17 500					
5.0	15 350	15 550	15 650	15 600	15 500	17 100				
6.0	15 050	15 250	15 400	15 350	15 250	15 150	17 950			
7.0	14 850	15 050	15 150	15 150	15 050	14 950	14 650	15 050	10 800	
8.0	14 750	14 850	15 000	14 950	14 900	14 800	14 250	13 150	10 800	
9.0	14 750	14 750	14 800	14 800	14 750	14 500	13 550	12 550	10 800	9 200
10.0	14 450	14 500	14 550	14 550	14 550	13 850	12 950	12 000	10 800	9 200
12.0	10 100	10 100	10 150	10 150	10 150	10 150	10 150	10 150	10 150	9 200
14.0		7 450	7 450	7 450	7 450	7 450	7 450	7 450	7 450	7 450
16.0		5 650	5 650	5 650	5 700	5 700	5 700	5 700	5 700	5 700
18.0			4 350	4 350	4 350	4 400	4 400	4 400	4 400	4 400
20.0				3 400	3 400	3 400	3 400	3 400	3 400	3 400
22.0				2 600	2 600	2 600	2 600	2 600	2 600	2 600
24.0					2 000	2 000	2 000	2 000	2 000	2 000
26.0						1 500	1 500	1 500	1 500	1 500
28.0						1 050	1 100	1 100	1 050	1 050
30.0							750	700	700	700
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.5	34.0	38.0
Max Rad.	13.5	16.2	19.3	22.3	25.4	28.4	31.5	31.7	31.7	31.7
Capacity	8 100	5 550	3 750	2 550	1 700	1 050	550	0	0	0

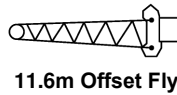
1011010

SN: S4K8-4536

Rated Lifting Capacities In Kilograms



Full



11.6m Offset Fly



0t



Boom Length (m)												
Fly Offset												
Radius (m)	12.50				21.3				27.4			
	2°	15°	30°	45°	2°	15°	30°	45°	2°	15°	30°	45°
3.5	11 600											
4.0	11 050											
4.5	10 450											
5.0	9 900											
6.0	9 000	6 800			10 050							
7.0	8 200	6 400			9 450				9 400			
8.0	7 550	6 000			8 850	6 550			8 950			
9.0	6 650	5 650	4 850		8 350	6 250			8 550			
10.0	6 200	5 350	4 650		7 850	6 000			8 150	6 100		
12.0	5 500	4 850	4 300	3 900	6 700	5 550	4 650		7 400	5 700	4 750	
14.0	4 900	4 450	4 000	3 750	6 100	5 150	4 400	3 900	6 450	5 350	4 500	
16.0	4 450	4 100	3 800	3 600	5 600	4 800	4 200	3 800	6 000	5 050	4 300	3 850
18.0	4 050	3 850	3 650	3 550	5 150	4 500	4 000	3 700	5 150	4 800	4 150	3 750
20.0	3 750	3 650	3 550		4 350	4 250	3 850	3 600	4 150	4 500	4 000	3 650
22.0					3 500	3 800	3 750	3 550	3 350	3 650	3 850	3 600
24.0					2 850	3 100	3 300	3 400	2 700	2 950	3 200	3 400
26.0					2 350	2 500	2 650		2 150	2 400	2 600	2 750
28.0					1 900	2 000	2 100		1 700	1 900	2 100	2 200
30.0					1 500	1 600			1 350	1 500	1 650	1 700
32.0									1 000	1 150	1 250	
34.0									750	850	900	
36.0										550		

Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.5	0.0	0.0	0.0
Max Rad.	22.0	22.0	21.5	20.7	30.9	30.7	30.1	29.0	36.0	36.8	36.1	34.9
Capacity	3 600	3 650	3 550	3 550	1 400	1 400	1 500	1 650	0	450	450	500

1011020

Boom Length (m)								
Fly Offset								
Radius (m)	33.5				38.71			
	2°	15°	30°	45°	2°	15°	30°	45°
9.0	6 450							
10.0	6 350				4 950			
12.0	6 200	5 450			4 950			
14.0	6 000	5 200			4 950	4 700		
16.0	5 750	5 000	4 300		4 950	4 600		
18.0	5 050	4 750	4 150	3 750	4 900	4 500	4 000	
20.0	4 000	4 400	4 000	3 650	3 900	4 350	3 900	3 600
22.0	3 200	3 550	3 900	3 600	3 100	3 450	3 850	3 550
24.0	2 550	2 850	3 150	3 400	2 450	2 800	3 100	3 400
26.0	2 000	2 300	2 550	2 750	1 900	2 200	2 500	2 700
28.0	1 550	1 800	2 050	2 200	1 500	1 750	2 000	2 200
30.0	1 200	1 400	1 600	1 700	1 100	1 350	1 550	1 700
32.0	900	1 050	1 200	1 300	800	1 000	1 200	1 300
34.0	600	750	900	950	500	700	850	950
36.0		500	600				550	650

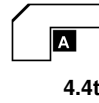
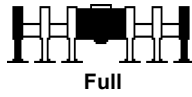
  

Min Angle	38.5	38.5	39.0	39.5	48.0	49.0	49.5	49.5
Max Rad.	35.2	36.4	37.0	37.0	34.4	35.7	36.8	37.3
Capacity	0	0	0	0	0	0	0	0

1011020

SN: S4K8-4536

Rated Lifting Capacities In Kilograms



Radius (m)	Boom Length (m)							
	12.50		15.2		18.3		21.23	
	360°	Front	360°	Front	360°	Front	360°	Front
2.5	75 850	75,850						
3.0	69 850	69,850	47 850	47,850	47 200	47,200	30 250	30,250
3.5	62 300	62,300	47 850	47,850	47 200	47,200	30 250	30,250
4.0	54 350	54,350	47 850	47,850	45 950	45,950	30 250	30,250
4.5	48 100	48,100	47 850	47,850	43 100	43,100	30 250	30,250
5.0	43 000	43,000	42 800	42,800	40 600	40,600	30 250	30,250
6.0	35 250	35,250	35 100	35,100	34 950	34,950	29 100	29,100
7.0	29 600	29,600	29 500	29,500	29 350	29,350	26 300	26,300
8.0	25 350	25,350	25 200	25,200	25 100	25,100	23 900	23,900
9.0	21 850	22,000	21 600	21,850	21 300	21,550	21 050	21,350
10.0	17 500	17,800	17 400	17,700	17 150	17,450	16 950	17,300
12.0			11 950	12,300	11 850	12,200	11 700	12,050
14.0					8 600	8,900	8 500	8,800
16.0					6 350	6,600	6 300	6,600
18.0							4 700	4,950

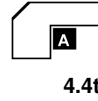
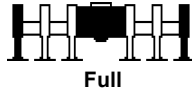
  

Min Angle	0.0		0.0		0.0		0.0	
Max Rad.	10.4		13.1		16.2		19.1	
Capacity	13 550	13 550	9 900	10 000	6 150	6 450	3 950	4 200

1020010



Rated Lifting Capacities In Kilograms

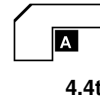
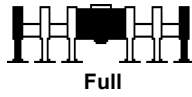


Radius (m)	Boom Length (m)									
	12.50		15.2		18.3		21.3		24.4	
	360°	Front	360°	Front	360°	Front	360°	Front	360°	Front
2.5	75 850	75,850								
3.0	69 850	69,850	21 950	21,950	21 750	21,750	21 550	21,550		
3.5	62 300	62,300	21 950	21,950	21 750	21,750	21 550	21,550	21 750	21,750
4.0	54 350	54,350	21 950	21,950	21 750	21,750	21 550	21,550	21 750	21,750
4.5	48 100	48,100	21 950	21,950	21 750	21,750	21 550	21,550	21 750	21,750
5.0	43 000	43,000	21 950	21,950	21 750	21,750	21 550	21,550	21 750	21,750
6.0	35 250	35,250	21 950	21,950	21 750	21,750	21 550	21,550	21 750	21,750
7.0	29 600	29,600	21 950	21,950	21 750	21,750	21 550	21,550	21 750	21,750
8.0	25 350	25,350	21 950	21,950	21 750	21,750	21 550	21,550	21 750	21,750
9.0	21 850	22,000	21 950	21,950	21 750	21,750	21 550	21,550	21 750	21,750
10.0	17 500	17,800	18 150	18,400	18 400	18,700	18 600	18,850	18 700	19,000
12.0			12 650	12,950	13 000	13,300	13 150	13,500	13 300	13,600
14.0					9 650	9,950	9 900	10,200	10 000	10,300
16.0					7 350	7,600	7 600	7,900	7 750	8,050
18.0							5 950	6,200	6 100	6,350
20.0									4 900	5,100
22.0									3 900	4,100

Min Angle	0.0		0.0		0.0		0.0		0.0	
Max Rad.	10.4		13.1		16.2		19.2		22.3	
Capacity	13 550	13 550	9 800	9 800	7 200	7 200	5 150	5 400	3 800	4 000

1020020

Rated Lifting Capacities In Kilograms



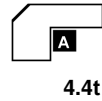
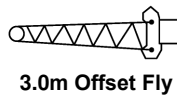
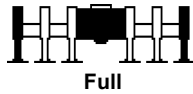
Radius (m)	Boom Length (m)									
	27.4		30.5		33.5		36.6		38.71	
	360°	Front	360°	Front	360°	Front	360°	Front	360°	Front
4.5	22 000	22,000								
5.0	22 000	22,000								
6.0	22 000	22,000	20 950	20,950	16 900	16,900				
7.0	22 000	22,000	19 550	19,550	16 900	16,900	12 300	12,300		
8.0	22 000	22,000	18 350	18,350	16 550	16,550	12 300	12,300	10 550	10,550
9.0	21 550	21,550	17 250	17,250	15 600	15,600	12 300	12,300	10 550	10,550
10.0	18 800	19,100	16 250	16,250	14 700	14,700	12 300	12,300	10 550	10,550
12.0	13 350	13,700	13 450	13,750	12 950	12,950	11 900	11,900	10 550	10,550
14.0	10 100	10,400	10 150	10,450	10 200	10,500	10 250	10,550	10 050	10,050
16.0	7 850	8,100	7 900	8,150	7 950	8,200	7 950	8,250	8 000	8,250
18.0	6 200	6,450	6 250	6,500	6 300	6,550	6 350	6,600	6 350	6,600
20.0	5 000	5,250	5 100	5,300	5 150	5,350	5 150	5,400	5 200	5,450
22.0	4 050	4,250	4 150	4,350	4 200	4,400	4 200	4,450	4 250	4,450
24.0	3 250	3,450	3 350	3,550	3 400	3,600	3 450	3,650	3 450	3,650
26.0			2 700	2,850	2 750	2,950	2 800	3,000	2 850	3,050
28.0			2 150	2,300	2 200	2,400	2 300	2,450	2 300	2,500
30.0					1 750	1,900	1 800	2,000	1 850	2,000
32.0							1 450	1,600	1 450	1,600
34.0							1 100	1,250	1 100	1,250
36.0									850	950

Min Angle	0.0		0.0		0.0		0.0		0.0	
Max Rad.	25.3		28.4		31.4		34.4		36.6	
Capacity	2 800	3 000	2 050	2 250	1 500	1 650	1 050	1 150	750	900

1020020

Rated Lifting Capacities In Kilograms



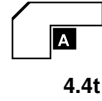
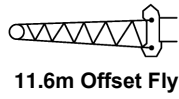
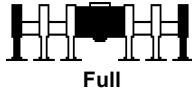
		Boom Length (m)									
		Fly Offset									
Radius (m)	12.50	15.2	18.3	21.3	24.4	27.4	30.5	33.5	36.6	38.71	
	2°-45°	2°-45°	2°-45°	2°-45°	2°-45°	2°-45°	2°-45°	2°-45°	2°-45°	2°-45°	
3.0	16 200	18 650	18 700								
3.5	15 950	16 100	16 150	18 150							
4.0	15 750	15 900	16 000	15 850	17 700						
4.5	15 550	15 700	15 800	15 750	17 500						
5.0	15 350	15 550	15 650	15 600	15 500	17 100					
6.0	15 050	15 250	15 400	15 350	15 250	15 150	17 950				
7.0	14 850	15 050	15 150	15 150	15 050	14 950	14 650	15 050	10 800		
8.0	14 750	14 850	15 000	14 950	14 900	14 800	14 250	13 150	10 800		
9.0	14 750	14 750	14 800	14 800	14 750	14 500	13 550	12 550	10 800	9 200	
10.0	14 750	14 700	14 700	14 700	14 650	13 850	12 950	12 000	10 800	9 200	
12.0	13 400	13 400	13 450	13 450	13 450	12 750	11 900	11 050	10 300	9 200	
14.0		10 100	10 150	10 150	10 150	10 150	10 150	10 150	9 500	9 050	
16.0		7 900	7 900	7 900	7 900	7 900	7 900	7 900	7 900	7 900	
18.0			6 250	6 250	6 250	6 250	6 250	6 250	6 250	6 250	
20.0				5 050	5 100	5 100	5 100	5 100	5 100	5 100	
22.0				4 150	4 100	4 100	4 150	4 150	4 150	4 150	
24.0					3 350	3 350	3 350	3 350	3 350	3 350	
26.0						2 750	2 750	2 750	2 750	2 750	
28.0						2 200	2 200	2 200	2 200	2 200	
30.0							1 800	1 750	1 750	1 750	
32.0								1 400	1 400	1 400	
34.0								1 050	1 050	1 050	
36.0								800	800	750	

Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.0
Max Rad.	13.5	16.2	19.3	22.3	25.4	28.4	31.5	34.5	37.6	38.0
Capacity	9 000	7 000	5 350	4 050	2 950	2 150	1 500	1 000	600	0

1021010

Rated Lifting Capacities In Kilograms



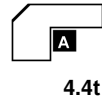
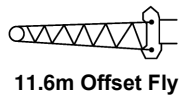
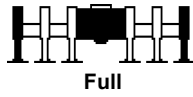
Boom Length (m)												
Fly Offset												
Radius (m)	12.50				21.3				27.4			
	2°	15°	30°	45°	2°	15°	30°	45°	2°	15°	30°	45°
3.5	11 600											
4.0	11 050											
4.5	10 450											
5.0	9 900											
6.0	9 000	6 800			10 050							
7.0	8 200	6 400			9 450				9 400			
8.0	7 550	6 000			8 850	6 550			8 950			
9.0	6 650	5 650	4 850		8 350	6 250			8 550			
10.0	6 200	5 350	4 650		7 850	6 000			8 150	6 100		
12.0	5 500	4 850	4 300	3 900	6 700	5 550	4 650		7 400	5 700	4 750	
14.0	4 900	4 450	4 000	3 750	6 100	5 150	4 400	3 900	6 450	5 350	4 500	
16.0	4 450	4 100	3 800	3 600	5 600	4 800	4 200	3 800	6 000	5 050	4 300	3 850
18.0	4 050	3 850	3 650	3 550	5 150	4 500	4 000	3 700	5 600	4 800	4 150	3 750
20.0	3 750	3 650	3 550		4 800	4 250	3 850	3 600	5 250	4 550	4 000	3 650
22.0					4 450	4 050	3 750	3 550	4 850	4 300	3 850	3 600
24.0					4 200	3 850	3 650	3 550	4 050	4 150	3 750	3 550
26.0					3 550	3 700	3 550		3 400	3 600	3 650	3 550
28.0					3 050	3 150	3 250		2 850	3 050	3 200	3 300
30.0					2 550	2 650			2 400	2 550	2 700	2 750
32.0									2 000	2 100	2 200	
34.0									1 650	1 750	1 800	
36.0									1 350	1 400		

Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	22.0	22.0	21.5	20.7	30.9	30.7	30.1	29.0	36.9	36.8	36.1	34.9
Capacity	3 600	3 650	3 550	3 550	2 300	2 300	2 450	2 650	1 250	1 250	1 300	1 400

1021020

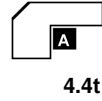
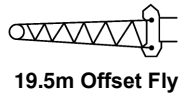
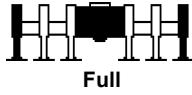
Rated Lifting Capacities In Kilograms



Radius (m)	Boom Length (m)							
	Fly Offset							
	33.5				38.71			
	2°	15°	30°	45°	2°	15°	30°	45°
9.0	6 450							
10.0	6 350				4 950			
12.0	6 200	5 450			4 950			
14.0	6 000	5 200			4 950	4 700		
16.0	5 750	5 000	4 300		4 950	4 600		
18.0	5 500	4 750	4 150	3 750	4 900	4 500	4 000	
20.0	5 250	4 600	4 000	3 650	4 800	4 350	3 900	3 600
22.0	4 700	4 400	3 900	3 600	4 600	4 250	3 850	3 550
24.0	3 900	4 200	3 800	3 550	3 800	4 150	3 750	3 500
26.0	3 250	3 500	3 700	3 500	3 150	3 450	3 700	3 500
28.0	2 700	2 950	3 150	3 350	2 600	2 850	3 100	3 300
30.0	2 250	2 450	2 650	2 750	2 150	2 400	2 600	2 750
32.0	1 850	2 050	2 200	2 300	1 750	1 950	2 150	2 300
34.0	1 500	1 650	1 800	1 850	1 400	1 600	1 750	1 850
36.0	1 200	1 350	1 450		1 150	1 300	1 400	1 500
38.0	950	1 050	1 100		850	1 000	1 100	1 150
40.0	700	800	850		650	750	850	
42.0	500	550				500	600	
Min Angle	0.0	0.0	0.0	0.0	35.0	35.5	35.0	35.0
Max Rad.	43.0	42.9	42.2	40.9	41.6	42.5	43.2	43.0
Capacity	450	450	450	500	0	0	0	0

1021020

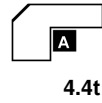
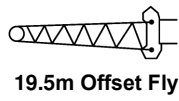
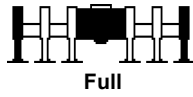
Rated Lifting Capacities In Kilograms



Boom Length (m)												
Fly Offset												
Radius (m)	12.50				21.3				27.4			
	2°	15°	30°	45°	2°	15°	30°	45°	2°	15°	30°	45°
6.0	6 050											
7.0	5 550											
8.0	5 150				5 650							
9.0	4 750				5 350				5 100			
10.0	4 450	3 750			5 050				4 950			
12.0	3 900	3 350			4 550	3 650			4 600			
14.0	3 450	3 000	2 650		4 100	3 350			4 250	3 450		
16.0	3 100	2 750	2 450		3 750	3 100			3 900	3 200		
18.0	2 800	2 500	2 250	2 050	3 400	2 900	2 450		3 650	3 000		
20.0	2 550	2 350	2 100	1 950	3 150	2 700	2 300	2 050	3 350	2 800	2 350	
22.0	2 350	2 150	2 000	1 850	2 900	2 500	2 200	1 950	3 150	2 650	2 250	2 000
24.0	2 150	2 000	1 900	1 800	2 700	2 350	2 100	1 900	2 950	2 500	2 150	1 950
26.0	2 000	1 900	1 850	1 800	2 500	2 250	2 000	1 850	2 750	2 400	2 100	1 900
28.0	1 850	1 850	1 800		2 350	2 100	1 950	1 800	2 600	2 250	2 000	1 850
30.0					2 200	2 000	1 850	1 800	2 450	2 150	1 950	1 800
32.0					2 050	1 950	1 850	1 800	2 300	2 100	1 900	1 800
34.0					1 950	1 850	1 800	1 800	2 000	2 000	1 850	1 800
36.0					1 900	1 800	1 800		1 700	1 900	1 800	1 800
38.0					1 700	1 750			1 450	1 600	1 750	1 800
40.0									1 200	1 350	1 450	
42.0									1 000	1 100	1 150	
44.0									800	850		
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	29.9	29.8	29.3	28.2	38.8	38.6	37.7	36.2	44.9	44.6	43.6	41.9
Capacity	1 850	1 850	1 800	1 800	1 450	1 450	1 600	1 800	750	750	850	950

1021030

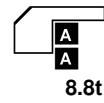
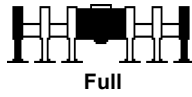
Rated Lifting Capacities In Kilograms



Radius (m)	Boom Length (m)							
	Fly Offset							
	33.5				38.71			
	2°	15°	30°	45°	2°	15°	30°	45°
12.0	4 000							
14.0	3 900				3 300			
16.0	3 700				3 250			
18.0	3 550	3 000			3 150			
20.0	3 350	2 800			3 100	2 700		
22.0	3 200	2 700	2 250		3 000	2 600		
24.0	3 000	2 550	2 200		2 900	2 500	2 150	
26.0	2 850	2 450	2 100	1 900	2 800	2 450	2 100	
28.0	2 700	2 350	2 050	1 850	2 700	2 350	2 050	1 850
30.0	2 550	2 250	2 000	1 800	2 450	2 250	2 000	1 800
32.0	2 200	2 150	1 950	1 800	2 050	2 200	1 950	1 800
34.0	1 850	2 100	1 900	1 800	1 700	2 000	1 900	1 750
36.0	1 550	1 750	1 850	1 750	1 400	1 650	1 800	1 700
38.0	1 250	1 450	1 700	1 750	1 150	1 350	1 600	1 650
40.0	1 000	1 200	1 400	1 500	900	1 100	1 350	1 500
42.0	800	950	1 100	1 200	650	850	1 050	1 200
44.0	600	750	850	900	500	650	800	900
46.0		550	600				600	650
Min Angle	32.5	33.5	34.0	21.0	44.5	46.5	47.5	48.0
Max Rad.	46.0	47.0	47.5	45.7	44.5	46.0	47.5	47.6
Capacity	0	0	0	0	0	0	0	0

1021030

Rated Lifting Capacities In Kilograms



Radius (m)	Boom Length (m)							
	12.50		15.2		18.3		21.23	
	360°	Front	360°	Front	360°	Front	360°	Front
2.5	80 000	80,000						
3.0	72 600	72,600	47 850	47,850	47 200	47,200	30 250	30,250
3.5	64 400	64,450	47 850	47,850	47 200	47,200	30 250	30,250
4.0	57 850	57,850	47 850	47,850	45 950	45,950	30 250	30,250
4.5	51 250	51,250	47 850	47,850	43 100	43,100	30 250	30,250
5.0	45 850	45,850	45 650	45,650	40 600	40,600	30 250	30,250
6.0	37 650	37,650	37 450	37,450	36 250	36,250	29 100	29,100
7.0	31 700	31,700	31 550	31,550	31 400	31,400	26 300	26,300
8.0	27 150	27,150	27 050	27,050	26 900	26,900	23 900	23,900
9.0	23 600	23,600	23 450	23,450	23 350	23,350	21 850	21,850
10.0	20 700	20,700	20 650	20,650	20 550	20,550	20 100	20,100
12.0			15 300	15,500	15 200	15,400	15 000	15,250
14.0					11 250	11,500	11 200	11,400
16.0					8 600	8,800	8 550	8,750
18.0							6 600	6,800

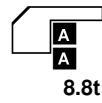
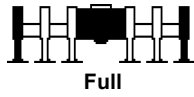
  

Min Angle	0.0		0.0		0.0		0.0	
Max Rad.	10.4		13.1		16.2		19.1	
Capacity	13 550	13 550	10 000	10 000	7 300	7 300	5 400	5 400

1030010



Rated Lifting Capacities In Kilograms

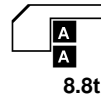
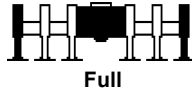


Radius (m)	Boom Length (m)									
	12.50		15.2		18.3		21.3		24.4	
	360°	Front	360°	Front	360°	Front	360°	Front	360°	Front
2.5	80 000	80,000								
3.0	72 600	72,600	21 950	21,950	21 750	21,750	21 550	21,550		
3.5	64 400	64,450	21 950	21,950	21 750	21,750	21 550	21,550	21 750	21,750
4.0	57 850	57,850	21 950	21,950	21 750	21,750	21 550	21,550	21 750	21,750
4.5	51 250	51,250	21 950	21,950	21 750	21,750	21 550	21,550	21 750	21,750
5.0	45 850	45,850	21 950	21,950	21 750	21,750	21 550	21,550	21 750	21,750
6.0	37 650	37,650	21 950	21,950	21 750	21,750	21 550	21,550	21 750	21,750
7.0	31 700	31,700	21 950	21,950	21 750	21,750	21 550	21,550	21 750	21,750
8.0	27 150	27,150	21 950	21,950	21 750	21,750	21 550	21,550	21 750	21,750
9.0	23 600	23,600	21 950	21,950	21 750	21,750	21 550	21,550	21 750	21,750
10.0	20 700	20,700	21 150	21,150	21 450	21,450	21 550	21,550	21 750	21,750
12.0			15 950	16,150	16 350	16,550	16 500	16,700	16 600	16,800
14.0					12 300	12,500	12 550	12,750	12 650	12,850
16.0					9 600	9,800	9 850	10,050	10 000	10,200
18.0							7 900	8,050	8 050	8,250
20.0									6 550	6,750
22.0									5 400	5,600

Min Angle	0.0		0.0		0.0		0.0		0.0	
Max Rad.	10.4		13.1		16.2		19.2		22.3	
Capacity	13 550	13 550	9 800	9 800	7 200	7 200	5 450	5 450	4 200	4 200

1030020

Rated Lifting Capacities In Kilograms



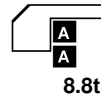
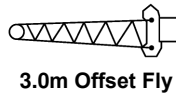
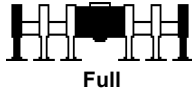
Radius (m)	Boom Length (m)									
	27.4		30.5		33.5		36.6		38.71	
	360°	Front	360°	Front	360°	Front	360°	Front	360°	Front
4.5	22 000	22,000								
5.0	22 000	22,000								
6.0	22 000	22,000	20 950	20,950	16 900	16,900				
7.0	22 000	22,000	19 550	19,550	16 900	16,900	12 300	12,300		
8.0	22 000	22,000	18 350	18,350	16 550	16,550	12 300	12,300	10 550	10,550
9.0	21 550	21,550	17 250	17,250	15 600	15,600	12 300	12,300	10 550	10,550
10.0	20 150	20,150	16 250	16,250	14 700	14,700	12 300	12,300	10 550	10,550
12.0	16 700	16,900	14 350	14,350	12 950	12,950	11 900	11,900	10 550	10,550
14.0	12 700	12,950	12 700	12,700	11 500	11,500	10 600	10,600	10 050	10,050
16.0	10 050	10,300	10 150	10,350	10 200	10,300	9 500	9,500	9 050	9,050
18.0	8 150	8,350	8 200	8,400	8 250	8,450	8 300	8,500	8 150	8,150
20.0	6 700	6,850	6 750	6,950	6 800	6,950	6 800	7,000	6 850	7,000
22.0	5 550	5,700	5 650	5,750	5 700	5,800	5 700	5,850	5 750	5,850
24.0	4 600	4,750	4 700	4,850	4 750	4,950	4 800	4,950	4 850	5,000
26.0			3 950	4,100	4 000	4,150	4 050	4,200	4 100	4,250
28.0			3 300	3,450	3 350	3,500	3 400	3,550	3 450	3,600
30.0					2 800	2,950	2 850	3,000	2 900	3,050
32.0							2 400	2,550	2 450	2,550
34.0							2 000	2,100	2 050	2,150
36.0									1 700	1,800

Min Angle	0.0		0.0		0.0		0.0		0.0	
Max Rad.	25.3		28.4		31.4		34.4		36.6	
Capacity	3 300	3 300	2 600	2 600	2 050	2 050	1 600	1 600	1 300	1 300

1030020

Rated Lifting Capacities In Kilograms



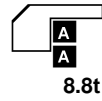
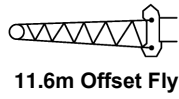
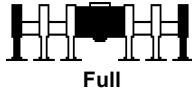
		Boom Length (m)									
		Fly Offset									
Radius (m)	12.50	15.2	18.3	21.3	24.4	27.4	30.5	33.5	36.6	38.71	
	2°-45°	2°-45°	2°-45°	2°-45°	2°-45°	2°-45°	2°-45°	2°-45°	2°-45°	2°-45°	
3.0	16 200	18 650	18 700								
3.5	15 950	16 100	16 150	18 150							
4.0	15 750	15 900	16 000	15 850	17 700						
4.5	15 550	15 700	15 800	15 750	17 500						
5.0	15 350	15 550	15 650	15 600	15 500	17 100					
6.0	15 050	15 250	15 400	15 350	15 250	15 150	17 950				
7.0	14 850	15 050	15 150	15 150	15 050	14 950	14 650	15 050	10 800		
8.0	14 750	14 850	15 000	14 950	14 900	14 800	14 250	13 150	10 800		
9.0	14 750	14 750	14 800	14 800	14 750	14 500	13 550	12 550	10 800	9 200	
10.0	14 750	14 700	14 700	14 700	14 650	13 850	12 950	12 000	10 800	9 200	
12.0	14 750	14 700	14 650	14 450	13 650	12 750	11 900	11 050	10 300	9 200	
14.0		12 750	12 800	12 800	12 650	11 800	10 900	10 150	9 500	9 050	
16.0		10 150	10 100	10 150	10 150	10 150	9 950	9 250	8 650	8 300	
18.0			8 200	8 200	8 200	8 200	8 200	8 200	7 900	7 500	
20.0				6 750	6 750	6 750	6 750	6 700	6 700	6 700	
22.0				5 650	5 650	5 650	5 650	5 650	5 650	5 650	
24.0					4 700	4 700	4 700	4 700	4 700	4 700	
26.0						4 000	3 950	3 950	3 950	3 950	
28.0						2 600	3 350	3 350	3 350	3 350	
30.0							2 850	2 800	2 800	2 800	
32.0								2 350	2 350	2 350	
34.0								1 950	1 950	1 950	
36.0									1 650	1 600	
38.0										1 350	

Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	13.5	16.2	19.3	22.3	25.4	28.4	31.5	34.5	37.6	39.7
Capacity	9 000	7 000	5 350	4 150	3 200	2 500	1 900	1 450	1 050	800

1031010

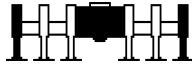
Rated Lifting Capacities In Kilograms



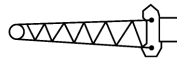
Boom Length (m)												
Fly Offset												
Radius (m)	12.50				21.3				27.4			
	2°	15°	30°	45°	2°	15°	30°	45°	2°	15°	30°	45°
3.5	11 600											
4.0	11 050											
4.5	10 450											
5.0	9 900											
6.0	9 000	6 800			10 050							
7.0	8 200	6 400			9 450				9 400			
8.0	7 550	6 000			8 850	6 550			8 950			
9.0	6 650	5 650	4 850		8 350	6 250			8 550			
10.0	6 200	5 350	4 650		7 850	6 000			8 150	6 100		
12.0	5 500	4 850	4 300	3 900	6 700	5 550	4 650		7 400	5 700	4 750	
14.0	4 900	4 450	4 000	3 750	6 100	5 150	4 400	3 900	6 450	5 350	4 500	
16.0	4 450	4 100	3 800	3 600	5 600	4 800	4 200	3 800	6 000	5 050	4 300	3 850
18.0	4 050	3 850	3 650	3 550	5 150	4 500	4 000	3 700	5 600	4 800	4 150	3 750
20.0	3 750	3 650	3 550		4 800	4 250	3 850	3 600	5 250	4 550	4 000	3 650
22.0					4 450	4 050	3 750	3 550	4 900	4 300	3 850	3 600
24.0					4 200	3 850	3 650	3 550	4 650	4 150	3 750	3 550
26.0					3 950	3 700	3 550		4 400	4 000	3 650	3 550
28.0					3 750	3 600	3 550		4 000	3 850	3 600	3 550
30.0					3 600	3 600			3 450	3 600	3 550	3 550
32.0									2 950	3 100	3 200	
34.0									2 550	2 650	2 700	
36.0									2 200	2 250		
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	22.0	22.0	21.5	20.7	30.9	30.7	30.1	29.0	36.9	36.8	36.1	34.9
Capacity	3 600	3 650	3 550	3 550	2 300	2 300	2 450	2 650	1 350	1 400	1 450	1 600

1031020

Rated Lifting Capacities In Kilograms



Full



11.6m Offset Fly



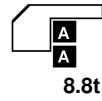
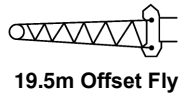
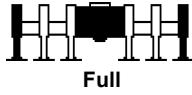
8.8t



Radius (m)	Boom Length (m)							
	Fly Offset							
	33.5				38.71			
	2°	15°	30°	45°	2°	15°	30°	45°
9.0	6 450							
10.0	6 350				4 950			
12.0	6 200	5 450			4 950			
14.0	6 000	5 200			4 950	4 700		
16.0	5 750	5 000	4 300		4 950	4 600		
18.0	5 500	4 750	4 150	3 750	4 900	4 500	4 000	
20.0	5 250	4 600	4 000	3 650	4 800	4 350	3 900	3 600
22.0	5 050	4 400	3 900	3 600	4 700	4 250	3 850	3 550
24.0	4 800	4 250	3 800	3 550	4 500	4 150	3 750	3 500
26.0	4 500	4 100	3 700	3 500	4 200	3 950	3 700	3 500
28.0	3 850	3 950	3 650	3 500	3 750	3 700	3 550	3 450
30.0	3 300	3 500	3 600	3 500	3 200	3 450	3 350	3 300
32.0	2 850	3 000	3 150	3 250	2 750	2 950	3 150	3 150
34.0	2 400	2 550	2 700	2 750	2 350	2 500	2 650	2 750
36.0	2 050	2 200	2 300		2 000	2 150	2 250	2 350
38.0	1 750	1 850	1 900		1 650	1 800	1 900	1 950
40.0	1 500	1 550	1 600		1 400	1 500	1 600	1 600
42.0	1 250	1 300			1 150	1 250	1 300	
44.0					900	1 000	1 050	
46.0					750	750		
Min Angle	0.0	0.0	0.0	0.0	11.5	10.0	25.5	32.0
Max Rad.	43.0	42.9	42.2	40.9	48.0	47.9	46.0	44.0
Capacity	700	700	750	800	0	0	0	0

1031020

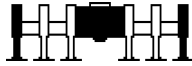
Rated Lifting Capacities In Kilograms



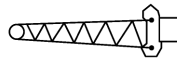
Boom Length (m)												
Fly Offset												
Radius (m)	12.50				21.3				27.4			
	2°	15°	30°	45°	2°	15°	30°	45°	2°	15°	30°	45°
6.0	6 050											
7.0	5 550											
8.0	5 150				5 650							
9.0	4 750				5 350				5 100			
10.0	4 450	3 750			5 050				4 950			
12.0	3 900	3 350			4 550	3 650			4 600			
14.0	3 450	3 000	2 650		4 100	3 350			4 250	3 450		
16.0	3 100	2 750	2 450		3 750	3 100			3 900	3 200		
18.0	2 800	2 500	2 250	2 050	3 400	2 900	2 450		3 650	3 000		
20.0	2 550	2 350	2 100	1 950	3 150	2 700	2 300	2 050	3 350	2 800	2 350	
22.0	2 350	2 150	2 000	1 850	2 900	2 500	2 200	1 950	3 150	2 650	2 250	2 000
24.0	2 150	2 000	1 900	1 800	2 700	2 350	2 100	1 900	2 950	2 500	2 150	1 950
26.0	2 000	1 900	1 850	1 800	2 500	2 250	2 000	1 850	2 750	2 400	2 100	1 900
28.0	1 850	1 850	1 800		2 350	2 100	1 950	1 800	2 600	2 250	2 000	1 850
30.0					2 200	2 000	1 850	1 800	2 450	2 150	1 950	1 800
32.0					2 050	1 950	1 850	1 800	2 300	2 100	1 900	1 800
34.0					1 950	1 850	1 800	1 800	2 200	2 000	1 850	1 800
36.0					1 900	1 800	1 800		2 100	1 950	1 800	1 800
38.0					1 800	1 800			2 000	1 850	1 800	1 800
40.0									1 900	1 850	1 800	
42.0									1 700	1 800	1 800	
44.0									1 500	1 550		
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	29.9	29.8	29.3	28.2	38.8	38.6	37.7	36.2	44.9	44.6	43.6	41.9
Capacity	1 850	1 850	1 800	1 800	1 450	1 450	1 600	1 800	800	800	900	1 000

1031030

Rated Lifting Capacities In Kilograms



Full



19.5m Offset Fly



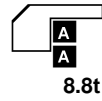
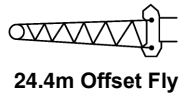
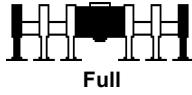
8.8t



Radius (m)	Boom Length (m)							
	Fly Offset							
	33.5				38.71			
	2°	15°	30°	45°	2°	15°	30°	45°
12.0	4 000							
14.0	3 900				3 300			
16.0	3 700				3 250			
18.0	3 550	3 000			3 150			
20.0	3 350	2 800			3 100	2 700		
22.0	3 200	2 700	2 250		3 000	2 600		
24.0	3 000	2 550	2 200		2 900	2 500	2 150	
26.0	2 850	2 450	2 100	1 900	2 800	2 450	2 100	
28.0	2 700	2 350	2 050	1 850	2 700	2 350	2 050	1 850
30.0	2 550	2 250	2 000	1 800	2 600	2 250	2 000	1 800
32.0	2 450	2 150	1 950	1 800	2 400	2 200	1 950	1 800
34.0	2 350	2 100	1 900	1 800	2 250	2 050	1 900	1 750
36.0	2 250	2 000	1 850	1 750	2 100	1 950	1 800	1 700
38.0	2 050	1 950	1 800	1 750	1 950	1 800	1 700	1 650
40.0	1 800	1 900	1 800	1 750	1 650	1 700	1 600	1 550
42.0	1 500	1 700	1 700	1 700	1 400	1 600	1 550	1 500
44.0	1 300	1 450	1 550	1 550	1 150	1 350	1 450	1 450
46.0	1 100	1 200	1 300		950	1 100	1 250	1 300
48.0	900	1 000			750	900	1 000	1 050
50.0					600	700	800	
52.0						550	600	
Min Angle	19.5	22.5	32.5	12.0	31.0	31.5	31.5	36.5
Max Rad.	50.0	50.0	48.0	45.6	52.0	53.0	53.2	50.7
Capacity	0	0	0	0	0	0	0	0

1031030

Rated Lifting Capacities In Kilograms



Boom Length (m)												
Fly Offset												
Radius (m)	12.50				21.3				27.4			
	2°	15°	30°	45°	2°	15°	30°	45°	2°	15°	30°	45°
7.0	4 700											
8.0	4 350											
9.0	4 050				4 600							
10.0	3 750				4 450							
12.0	3 300	2 950			3 950				3 950			
14.0	2 950	2 650			3 550	3 000			3 800			
16.0	2 650	2 400	2 200		3 200	2 750			3 550	2 900		
18.0	2 400	2 200	2 000		2 900	2 500	2 200		3 250	2 700		
20.0	2 150	2 000	1 850	1 750	2 650	2 350	2 050		2 950	2 500	2 150	
22.0	1 950	1 850	1 700	1 600	2 450	2 150	1 900	1 750	2 750	2 350	2 050	
24.0	1 800	1 700	1 600	1 500	2 250	2 000	1 800	1 650	2 550	2 200	1 900	1 700
26.0	1 650	1 550	1 500	1 450	2 100	1 900	1 700	1 550	2 350	2 050	1 800	1 650
28.0	1 550	1 450	1 400	1 350	1 950	1 750	1 600	1 500	2 200	1 950	1 700	1 550
30.0	1 450	1 400	1 300	1 300	1 800	1 650	1 500	1 450	2 050	1 850	1 650	1 500
32.0	1 350	1 300	1 250		1 700	1 550	1 450	1 400	1 950	1 750	1 550	1 450
34.0	1 250	1 250			1 600	1 500	1 400	1 350	1 800	1 650	1 500	1 400
36.0					1 500	1 400	1 350	1 300	1 700	1 550	1 450	1 350
38.0					1 450	1 350	1 300		1 650	1 500	1 400	1 350
40.0					1 350	1 300	1 250		1 550	1 450	1 350	1 300
42.0					1 250	1 250			1 450	1 350	1 300	1 300
44.0									1 400	1 300	1 250	
46.0									1 250	1 300	1 250	

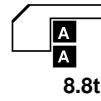
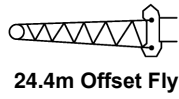
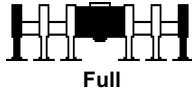
  

Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	24.0	5.5	0.0
Max Rad.	34.8	34.6	33.8	32.4	43.7	43.4	42.4	40.6	48.0	48.0	47.1	46.4
Capacity	1 200	1 250	1 250	1 300	900	900	1 000	1 150	0	0	0	500

1031040



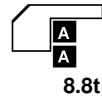
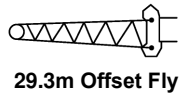
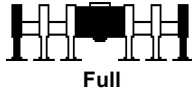
Rated Lifting Capacities In Kilograms



Radius (m)	Boom Length (m)							
	Fly Offset							
	33.5				38.71			
	2°	15°	30°	45°	2°	15°	30°	45°
12.0	2 950							
14.0	2 950							
16.0	2 950				2 500			
18.0	2 950	2 700			2 500			
20.0	2 900	2 650			2 400	2 250		
22.0	2 850	2 500	2 100		2 350	2 200		
24.0	2 800	2 350	2 000		2 300	2 200	2 050	
26.0	2 600	2 200	1 900	1 700	2 300	2 150	2 000	
28.0	2 450	2 100	1 800	1 650	2 300	2 150	1 900	1 700
30.0	2 300	2 000	1 750	1 550	2 300	2 100	1 800	1 600
32.0	2 150	1 900	1 650	1 500	2 250	2 000	1 750	1 550
34.0	2 050	1 800	1 600	1 450	2 200	1 900	1 650	1 500
36.0	1 950	1 700	1 550	1 400	2 100	1 800	1 600	1 450
38.0	1 850	1 650	1 450	1 400	1 900	1 750	1 550	1 450
40.0	1 750	1 550	1 400	1 350	1 600	1 650	1 500	1 400
42.0	1 500	1 500	1 400	1 300	1 350	1 600	1 450	1 350
44.0	1 250	1 450	1 350	1 300	1 100	1 300	1 400	1 350
46.0	1 050	1 200	1 300	1 300	900	1 100	1 250	1 300
48.0	850	1 000	1 100		700	900	1 000	1 100
50.0	700	800	850		550	700	800	850
52.0	550	600	650			500	600	
Min Angle	22.0	23.0	23.0	36.5	39.0	39.5	40.0	40.0
Max Rad.	53.3	54.0	53.2	50.0	51.3	52.7	53.5	53.5
Capacity	0	0	0	0	0	0	0	0

1031040

Rated Lifting Capacities In Kilograms



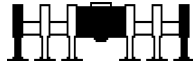
Boom Length (m)												
Fly Offset												
Radius (m)	12.50				21.3				27.4			
	2°	15°	30°	45°	2°	15°	30°	45°	2°	15°	30°	45°
8.0	3 850											
9.0	3 600											
10.0	3 300				3 900							
12.0	2 900				3 450				3 400			
14.0	2 550	2 350			3 050				3 350			
16.0	2 250	2 100			2 700	2 400			3 000			
18.0	2 000	1 900	1 800		2 450	2 200			2 750	2 350		
20.0	1 800	1 700	1 600	1 550	2 200	2 000	1 800		2 500	2 150		
22.0	1 600	1 550	1 500	1 450	2 000	1 850	1 650	1 550	2 250	2 000	1 800	
24.0	1 450	1 400	1 350	1 300	1 850	1 700	1 550	1 450	2 100	1 850	1 650	1 500
26.0	1 300	1 250	1 250	1 200	1 700	1 550	1 450	1 350	1 900	1 700	1 550	1 450
28.0	1 200	1 150	1 150	1 100	1 550	1 450	1 350	1 250	1 750	1 600	1 450	1 350
30.0	1 100	1 050	1 050	1 000	1 400	1 300	1 250	1 200	1 650	1 500	1 350	1 250
32.0	1 000	1 000	950	950	1 300	1 250	1 150	1 100	1 500	1 400	1 250	1 200
34.0	950	900	900	900	1 200	1 150	1 100	1 050	1 400	1 300	1 200	1 150
36.0	850	850	850		1 150	1 050	1 000	1 000	1 300	1 200	1 100	1 050
38.0	750	750			1 050	1 000	950	950	1 200	1 150	1 050	1 000
40.0					1 000	950	900	900	1 150	1 050	1 000	950
42.0					900	900	850		1 050	1 000	950	950
44.0					850	800	800		1 000	950	900	900
46.0					750	750			950	900	850	850
48.0					700	700			900	850	850	
50.0									800	800	800	
52.0									750	750		

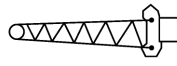
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.5	11.5	0.0	25.5
Max Rad.	39.7	39.5	38.6	36.9	48.5	48.2	47.1	45.2	54.0	53.9	53.1	48.9
Capacity	700	750	750	850	500	500	550	650	0	0	650	0

1031050

Rated Lifting Capacities In Kilograms



Full



29.3m Offset Fly



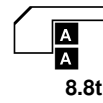
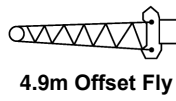
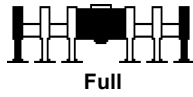
8.8t



Radius (m)	Boom Length (m)							
	Fly Offset							
	33.5				38.71			
	2°	15°	30°	45°	2°	15°	30°	45°
14.0	2 450							
16.0	2 450							
18.0	2 450				1 950			
20.0	2 450	2 300			1 950			
22.0	2 450	2 150			1 900	1 850		
24.0	2 300	2 000	1 750		1 900	1 850		
26.0	2 150	1 850	1 650		1 900	1 850	1 700	
28.0	1 950	1 750	1 550	1 400	1 900	1 850	1 600	
30.0	1 850	1 600	1 450	1 350	1 900	1 750	1 500	1 400
32.0	1 700	1 500	1 350	1 250	1 850	1 650	1 450	1 300
34.0	1 600	1 400	1 300	1 200	1 750	1 550	1 350	1 250
36.0	1 500	1 350	1 200	1 150	1 650	1 450	1 300	1 200
38.0	1 400	1 250	1 150	1 100	1 550	1 350	1 250	1 150
40.0	1 300	1 200	1 100	1 050	1 450	1 300	1 150	1 100
42.0	1 200	1 100	1 050	1 000	1 350	1 200	1 100	1 050
44.0	1 150	1 050	1 000	950	1 100	1 150	1 050	1 000
46.0	1 050	1 000	950	900	900	1 100	1 000	950
48.0	850	950	900	900	700	900	950	950
50.0	700	850	850	850	550	700	850	900
52.0	550	650	750			500	650	700
54.0		500	550					500
Min Angle	34.5	35.5	35.5	35.5	46.0	47.0	47.5	47.5
Max Rad.	53.3	54.7	55.0	54.5	51.3	52.7	54.0	54.5
Capacity	0	0	0	0	0	0	0	0

1031050

Rated Lifting Capacities In Kilograms



Radius (m)	Boom Length (m)				
	Fly Offset				
	12.50	21.3	27.4	33.5	38.71
	2°	2°	2°	2°	2°
3.0	7 050				
3.5	7 050	7 050			
4.0	7 050	7 050			
4.5	7 050	7 050	7 050		
5.0	7 050	7 050	7 050		
6.0	7 050	7 050	7 050	7 050	
7.0	7 050	7 050	7 050	7 050	
8.0	7 050	7 050	7 050	7 050	
9.0	7 050	7 050	7 050	7 050	
10.0	7 050	7 050	7 050	7 050	
12.0	7 050	7 050	7 050	7 050	7 050
14.0	7 050	7 050	7 050	7 050	7 050
16.0		7 050	7 050	7 050	7 050
18.0		7 050	7 050	7 050	7 050
20.0		7 050	7 000	6 950	6 700
22.0		5 900	5 850	5 800	5 800
24.0		4 950	5 000	4 950	4 950
26.0			4 200	4 200	4 150
28.0			3 550	3 550	3 550
30.0			3 050	3 000	3 000
32.0				2 550	2 550
34.0				2 150	2 150
36.0				1 800	1 800
38.0					1 500
40.0					1 200

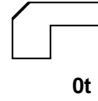
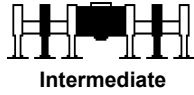
  

Min Angle	0.0	0.0	0.0	0.0	0.0
Max Rad.	15.3	24.1	30.2	36.3	41.5
Capacity	7 050	3 500	2 150	1 250	700

1031060

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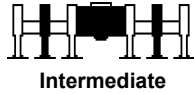
Rated Lifting Capacities In Kilograms



Radius (m)	Boom Length (m)			
	12.50	15.2	18.3	21.23
	360°	360°	360°	360°
2.5	69 800			
3.0	62 650	47 850	47 200	30 250
3.5	56 750	47 850	47 200	30 250
4.0	50 750	47 850	45 950	30 250
4.5	42 200	41 550	41 050	30 250
5.0	32 050	31 500	31 050	30 250
6.0	20 950	20 550	20 200	19 950
7.0	14 900	14 650	14 400	14 200
8.0	11 100	11 000	10 800	10 600
9.0	8 500	8 450	8 300	8 150
10.0	6 600	6 550	6 450	6 350
12.0		4 000	3 950	3 900
14.0			2 300	2 250
16.0			1 150	1 100
Min Angle	0.0	0.0	0.0	28.5
Max Rad.	10.4	13.1	16.2	16.9
Capacity	6 000	2 950	1 050	0

2010010

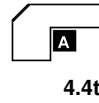
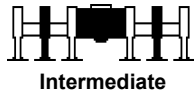
Rated Lifting Capacities In Kilograms



Radius (m)	Boom Length (m)									
	12.50	15.2	18.3	21.3	24.4	27.4	30.5	33.5	36.6	38.71
	360°	360°	360°	360°	360°	360°	360°	360°	360°	360°
2.5	69 800									
3.0	62 650	21 950	21 750	21 550						
3.5	56 750	21 950	21 750	21 550	21 750					
4.0	50 750	21 950	21 750	21 550	21 750					
4.5	42 200	21 950	21 750	21 550	21 750	22 000				
5.0	32 050	21 950	21 750	21 550	21 750	22 000				
6.0	20 950	21 400	21 700	21 550	21 750	22 000	20 950	16 900		
7.0	14 900	15 450	15 700	15 900	16 050	16 150	16 250	16 300	12 300	
8.0	11 100	11 700	11 950	12 150	12 250	12 350	12 450	12 500	12 300	10 550
9.0	8 500	9 100	9 450	9 600	9 750	9 850	9 900	9 950	10 000	10 000
10.0	6 600	7 150	7 550	7 750	7 850	7 950	8 000	8 050	8 100	8 150
12.0		4 600	4 950	5 200	5 350	5 450	5 500	5 600	5 600	5 650
14.0			3 300	3 550	3 700	3 800	3 900	3 950	3 950	4 000
16.0			2 100	2 350	2 500	2 650	2 750	2 800	2 800	2 850
18.0				1 450	1 650	1 750	1 850	1 900	1 950	2 000
20.0					950	1 100	1 150	1 250	1 300	1 350
22.0							650	700	750	800
Min Angle	0.0	0.0	0.0	0.0	15.0	31.0	38.0	44.0	48.5	51.0
Max Rad.	10.4	13.1	16.2	19.2	21.5	22.0	22.6	23.0	23.2	23.4
Capacity	6 000	3 550	2 000	1 050	0	0	0	0	0	0

2010020

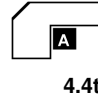
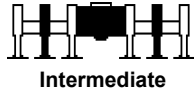
**Rated Lifting Capacities In Kilograms**



Radius (m)	Boom Length (m)			
	12.50	15.2	18.3	21.23
	360°	360°	360°	360°
2.5	71 200			
3.0	63 950	47 850	47 200	30 250
3.5	57 900	47 850	47 200	30 250
4.0	52 800	47 850	45 950	30 250
4.5	48 050	47 850	43 100	30 250
5.0	41 750	41 200	40 600	30 250
6.0	27 750	27 300	26 950	26 700
7.0	20 100	19 850	19 550	19 350
8.0	15 350	15 200	14 950	14 800
9.0	12 050	11 950	11 800	11 650
10.0	9 700	9 600	9 550	9 400
12.0		6 400	6 350	6 300
14.0			4 300	4 250
16.0			2 800	2 800
18.0				1 750
<b>Min Angle</b>	0.0	0.0	0.0	0.0
<b>Max Rad.</b>	10.4	13.1	16.2	19.1
<b>Capacity</b>	8 900	5 100	2 700	1 250

2020010

Rated Lifting Capacities In Kilograms

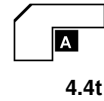
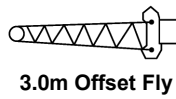
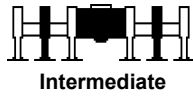


Radius (m)	Boom Length (m)									
	12.50	15.2	18.3	21.3	24.4	27.4	30.5	33.5	36.6	38.71
	360°	360°	360°	360°	360°	360°	360°	360°	360°	360°
<b>2.5</b>	71 200									
<b>3.0</b>	63 950	21 950	21 750	21 550						
<b>3.5</b>	57 900	21 950	21 750	21 550	21 750					
<b>4.0</b>	52 800	21 950	21 750	21 550	21 750					
<b>4.5</b>	48 050	21 950	21 750	21 550	21 750	22 000				
<b>5.0</b>	41 750	21 950	21 750	21 550	21 750	22 000				
<b>6.0</b>	27 750	21 950	21 750	21 550	21 750	22 000	20 950	16 900		
<b>7.0</b>	20 100	20 600	20 900	21 100	21 200	21 300	19 550	16 900	12 300	
<b>8.0</b>	15 350	15 900	16 200	16 350	16 500	16 600	16 650	16 550	12 300	10 550
<b>9.0</b>	12 050	12 600	12 950	13 150	13 250	13 350	13 400	13 450	12 300	10 550
<b>10.0</b>	9 700	10 250	10 600	10 800	10 950	11 000	11 100	11 150	11 150	10 550
<b>12.0</b>		7 000	7 350	7 600	7 750	7 800	7 900	7 950	7 950	8 000
<b>14.0</b>			5 250	5 500	5 700	5 750	5 800	5 850	5 900	5 900
<b>16.0</b>			3 800	4 050	4 200	4 300	4 400	4 450	4 500	4 500
<b>18.0</b>				2 900	3 100	3 200	3 300	3 400	3 450	3 450
<b>20.0</b>					2 250	2 400	2 450	2 550	2 600	2 600
<b>22.0</b>					1 600	1 700	1 800	1 850	1 900	1 950
<b>24.0</b>						1 150	1 250	1 300	1 400	1 400
<b>26.0</b>							800	850	950	950
<b>28.0</b>								500	550	600
<b>Min Angle</b>	0.0	0.0	0.0	0.0	0.0	0.0	13.0	27.0	35.5	39.5
<b>Max Rad. Capacity</b>	10.4	13.1	16.2	19.2	22.3	25.3	27.8	28.3	28.6	28.9
	8 900	5 700	3 650	2 400	1 500	850	0	0	0	0

2020020



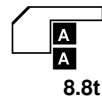
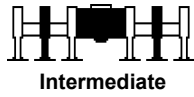
Rated Lifting Capacities In Kilograms



		Boom Length (m)									
		Fly Offset									
Radius (m)	12.50	15.2	18.3	21.3	24.4	27.4	30.5	33.5	36.6	38.71	
	2°-45°	2°-45°	2°-45°	2°-45°	2°-45°	2°-45°	2°-45°	2°-45°	2°-45°	2°-45°	
3.0	16 200	18 650	18 700								
3.5	15 950	16 100	16 150	18 150							
4.0	15 750	15 900	16 000	15 850	17 700						
4.5	15 550	15 700	15 800	15 750	17 500						
5.0	15 350	15 550	15 650	15 600	15 500	17 100					
6.0	15 050	15 250	15 400	15 350	15 250	15 150	17 950				
7.0	14 850	15 050	15 150	15 150	15 050	14 950	14 650	15 050	10 800		
8.0	14 750	14 850	15 000	14 950	14 900	14 800	14 250	13 150	10 800		
9.0	13 300	13 300	13 350	13 350	13 350	13 350	13 350	12 550	10 800	9 200	
10.0	10 950	11 000	11 000	11 000	11 050	11 050	11 050	11 050	10 800	9 200	
12.0	7 750	7 800	7 800	7 800	7 850	7 850	7 850	7 850	7 850	7 800	
14.0		5 750	5 800	5 800	5 750	5 750	5 750	5 750	5 750	5 750	
16.0		4 300	4 350	4 350	4 350	4 350	4 350	4 400	4 400	4 400	
18.0			3 250	3 300	3 300	3 300	3 300	3 300	3 300	3 300	
20.0				2 450	2 500	2 500	2 500	2 500	2 500	2 500	
22.0				1 800	1 850	1 850	1 850	1 850	1 850	1 850	
24.0					1 300	1 300	1 300	1 300	1 300	1 300	
26.0						850	900	900	900	850	
28.0						500	500	500	500	500	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	26.5	35.5	41.5	45.5	
Max Rad.	13.5	16.2	19.3	22.3	25.4	28.4	28.3	28.3	28.3	28.3	
Capacity	6 200	4 200	2 750	1 750	1 000	450	0	0	0	0	

2021010

**Rated Lifting Capacities In Kilograms**



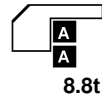
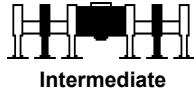
Radius (m)	Boom Length (m)			
	12.50	15.2	18.3	21.23
	360°	360°	360°	360°
2.5	72 450			
3.0	65 100	47 850	47 200	30 250
3.5	58 950	47 850	47 200	30 250
4.0	53 800	47 850	45 950	30 250
4.5	49 400	47 850	43 100	30 250
5.0	45 600	45 450	40 600	30 250
6.0	34 500	34 050	33 700	29 100
7.0	25 300	25 050	24 750	24 500
8.0	19 550	19 400	19 150	18 950
9.0	15 600	15 500	15 400	15 200
10.0	12 750	12 650	12 550	12 450
12.0		8 800	8 750	8 700
14.0			6 250	6 200
16.0			4 500	4 500
18.0				3 200

Min Angle	0.0	0.0	0.0	0.0
Max Rad.	10.4	13.1	16.2	19.1
Capacity	11 850	7 250	4 350	2 600

2030010

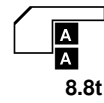
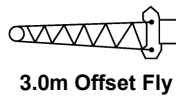
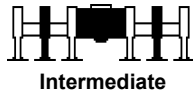
Rated Lifting Capacities In Kilograms



Radius (m)	Boom Length (m)									
	12.50	15.2	18.3	21.3	24.4	27.4	30.5	33.5	36.6	38.71
	360°	360°	360°	360°	360°	360°	360°	360°	360°	360°
2.5	72 450									
3.0	65 100	21 950	21 750	21 550						
3.5	58 950	21 950	21 750	21 550	21 750					
4.0	53 800	21 950	21 750	21 550	21 750					
4.5	49 400	21 950	21 750	21 550	21 750	22 000				
5.0	45 600	21 950	21 750	21 550	21 750	22 000				
6.0	34 500	21 950	21 750	21 550	21 750	22 000	20 950	16 900		
7.0	25 300	21 950	21 750	21 550	21 750	22 000	19 550	16 900	12 300	
8.0	19 550	20 100	20 400	20 550	20 700	20 750	18 350	16 550	12 300	10 550
9.0	15 600	16 150	16 500	16 700	16 800	16 900	16 950	15 600	12 300	10 550
10.0	12 750	13 300	13 650	13 850	13 950	14 050	14 100	14 150	12 300	10 550
12.0		9 400	9 750	10 000	10 150	10 250	10 300	10 350	10 350	10 400
14.0			7 250	7 450	7 650	7 750	7 800	7 850	7 850	7 900
16.0			5 450	5 700	5 850	5 950	6 050	6 100	6 100	6 150
18.0				4 400	4 550	4 700	4 800	4 850	4 900	4 900
20.0					3 550	3 650	3 750	3 850	3 900	3 900
22.0					2 750	2 850	2 950	3 050	3 100	3 100
24.0						2 200	2 300	2 350	2 450	2 450
26.0							1 750	1 850	1 900	1 900
28.0							1 300	1 400	1 450	1 450
30.0								1 000	1 050	1 100
32.0									700	750
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0	24.0
Max Rad.	10.4	13.1	16.2	19.2	22.3	25.3	28.4	31.4	33.7	34.0
Capacity	11 850	7 850	5 350	3 750	2 650	1 850	1 250	750	0	0

2030020

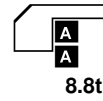
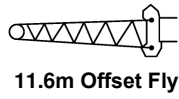
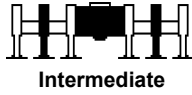
Rated Lifting Capacities In Kilograms



		Boom Length (m)									
		Fly Offset									
Radius (m)	12.50	15.2	18.3	21.3	24.4	27.4	30.5	33.5	36.6	38.71	
	2°-45°	2°-45°	2°-45°	2°-45°	2°-45°	2°-45°	2°-45°	2°-45°	2°-45°	2°-45°	
3.0	16 200	18 650	18 700								
3.5	15 950	16 100	16 150	18 150							
4.0	15 750	15 900	16 000	15 850	17 700						
4.5	15 550	15 700	15 800	15 750	17 500						
5.0	15 350	15 550	15 650	15 600	15 500	17 100					
6.0	15 050	15 250	15 400	15 350	15 250	15 150	17 950				
7.0	14 850	15 050	15 150	15 150	15 050	14 950	14 650	15 050	10 800		
8.0	14 750	14 850	15 000	14 950	14 900	14 800	14 250	13 150	10 800		
9.0	14 750	14 750	14 800	14 800	14 750	14 500	13 550	12 550	10 800	9 200	
10.0	14 000	14 000	14 050	14 050	14 050	13 850	12 950	12 000	10 800	9 200	
12.0	10 150	10 200	10 200	10 250	10 250	10 250	10 250	10 250	10 250	9 200	
14.0		7 700	7 750	7 750	7 750	7 750	7 750	7 750	7 750	7 750	
16.0		6 000	6 000	6 000	6 000	6 000	6 000	6 000	6 000	6 000	
18.0			4 750	4 750	4 750	4 750	4 750	4 750	4 750	4 750	
20.0				3 750	3 800	3 800	3 800	3 800	3 800	3 800	
22.0				3 000	3 000	3 000	3 000	3 000	3 000	3 000	
24.0					2 350	2 350	2 350	2 350	2 350	2 350	
26.0						1 850	1 850	1 850	1 850	1 850	
28.0						1 350	1 400	1 400	1 400	1 400	
30.0							1 000	1 000	1 000	1 000	
32.0								700	700	700	
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0	28.0	33.5	
Max Rad. Capacity	13.5	16.2	19.3	22.3	25.4	28.4	31.5	33.7	33.7	33.7	
	8 300	5 850	4 100	2 900	2 000	1 350	800	0	0	0	

2031010

Rated Lifting Capacities In Kilograms



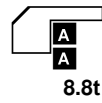
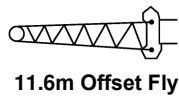
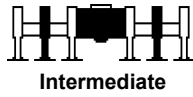
Boom Length (m)												
Fly Offset												
Radius (m)	12.50				21.3				27.4			
	2°	15°	30°	45°	2°	15°	30°	45°	2°	15°	30°	45°
3.5	11 600											
4.0	11 050											
4.5	10 450											
5.0	9 900											
6.0	9 000	6 800			10 050							
7.0	8 200	6 400			9 450				9 400			
8.0	7 550	6 000			8 850	6 550			8 950			
9.0	6 650	5 650	4 850		8 350	6 250			8 550			
10.0	6 200	5 350	4 650		7 850	6 000			8 150	6 100		
12.0	5 500	4 850	4 300	3 900	6 700	5 550	4 650		7 400	5 700	4 750	
14.0	4 900	4 450	4 000	3 750	6 100	5 150	4 400	3 900	6 450	5 350	4 500	
16.0	4 450	4 100	3 800	3 600	5 600	4 800	4 200	3 800	6 000	5 050	4 300	3 850
18.0	4 050	3 850	3 650	3 550	5 150	4 500	4 000	3 700	5 500	4 800	4 150	3 750
20.0	3 750	3 650	3 550		4 650	4 250	3 850	3 600	4 450	4 550	4 000	3 650
22.0					3 850	4 050	3 750	3 550	3 650	3 950	3 850	3 600
24.0					3 150	3 400	3 600	3 550	3 000	3 250	3 500	3 550
26.0					2 600	2 800	2 950		2 450	2 650	2 900	3 050
28.0					2 150	2 300	2 350		2 000	2 200	2 350	2 450
30.0					1 800	1 850			1 600	1 750	1 900	1 950
32.0									1 250	1 400	1 500	
34.0									1 000	1 050	1 100	
36.0									700	750		

Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	22.0	22.0	21.5	20.7	30.9	30.7	30.1	29.0	36.9	36.8	36.1	34.9
Capacity	3 600	3 650	3 550	3 550	1 650	1 700	1 750	1 900	650	650	700	750

2031020

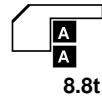
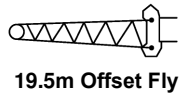
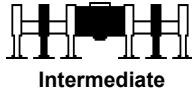
Rated Lifting Capacities In Kilograms



Radius (m)	Boom Length (m)							
	Fly Offset							
	33.5				38.71			
	2°	15°	30°	45°	2°	15°	30°	45°
9.0	6 450							
10.0	6 350				4 950			
12.0	6 200	5 450			4 950			
14.0	6 000	5 200			4 950	4 700		
16.0	5 750	5 000	4 300		4 950	4 600		
18.0	5 350	4 750	4 150	3 750	4 900	4 500	4 000	
20.0	4 300	4 600	4 000	3 650	4 200	4 350	3 900	3 600
22.0	3 500	3 850	3 900	3 600	3 400	3 800	3 850	3 550
24.0	2 850	3 150	3 450	3 550	2 750	3 100	3 400	3 500
26.0	2 300	2 550	2 850	3 050	2 200	2 500	2 800	3 000
28.0	1 850	2 100	2 300	2 450	1 750	2 000	2 250	2 450
30.0	1 450	1 650	1 850	2 000	1 400	1 600	1 800	1 950
32.0	1 150	1 300	1 450	1 550	1 050	1 250	1 450	1 550
34.0	850	1 000	1 100	1 200	750	950	1 100	1 200
36.0	600	700	800		500	650	800	850
38.0			550				500	550
Min Angle	34.0	35.0	34.5	35.0	45.0	45.5	46.0	46.5
Max Rad.	37.2	38.0	38.7	38.3	36.4	37.6	38.4	38.8
Capacity	0	0	0	0	0	0	0	0

2031020

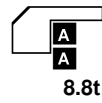
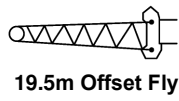
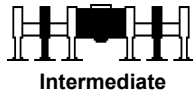
Rated Lifting Capacities In Kilograms



Boom Length (m)												
Fly Offset												
Radius (m)	12.50				21.3				27.4			
	2°	15°	30°	45°	2°	15°	30°	45°	2°	15°	30°	45°
6.0	6 050											
7.0	5 550											
8.0	5 150				5 650							
9.0	4 750				5 350				5 100			
10.0	4 450	3 750			5 050				4 950			
12.0	3 900	3 350			4 550	3 650			4 600			
14.0	3 450	3 000	2 650		4 100	3 350			4 250	3 450		
16.0	3 100	2 750	2 450		3 750	3 100			3 900	3 200		
18.0	2 800	2 500	2 250	2 050	3 400	2 900	2 450		3 650	3 000		
20.0	2 550	2 350	2 100	1 950	3 150	2 700	2 300	2 050	3 350	2 800	2 350	
22.0	2 350	2 150	2 000	1 850	2 900	2 500	2 200	1 950	3 150	2 650	2 250	2 000
24.0	2 150	2 000	1 900	1 800	2 700	2 350	2 100	1 900	2 950	2 500	2 150	1 950
26.0	2 000	1 900	1 850	1 800	2 500	2 250	2 000	1 850	2 750	2 400	2 100	1 900
28.0	1 850	1 850	1 800		2 350	2 100	1 950	1 800	2 350	2 250	2 000	1 850
30.0					2 200	2 000	1 850	1 800	2 000	2 150	1 950	1 800
32.0					1 850	1 950	1 850	1 800	1 650	1 900	1 900	1 800
34.0					1 600	1 750	1 800	1 800	1 350	1 550	1 800	1 800
36.0					1 300	1 450	1 500		1 050	1 250	1 450	1 550
38.0					1 100	1 150			850	1 000	1 150	1 200
40.0									650	750	850	
42.0										550		
Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.5	26.0	33.5	16.0
Max Rad.	29.9	29.8	29.3	28.2	38.8	38.6	37.7	36.2	42.0	43.0	42.0	39.5
Capacity	1 850	1 850	1 800	1 800	1 000	1 050	1 150	1 300	0	0	0	0

2031030

Rated Lifting Capacities In Kilograms



Radius (m)	Boom Length (m)							
	Fly Offset							
	33.5				38.71			
	2°	15°	30°	45°	2°	15°	30°	45°
12.0	4 000							
14.0	3 900				3 300			
16.0	3 700				3 250			
18.0	3 550	3 000			3 150			
20.0	3 350	2 800			3 100	2 700		
22.0	3 200	2 700	2 250		3 000	2 600		
24.0	3 000	2 550	2 200		2 900	2 500	2 150	
26.0	2 650	2 450	2 100	1 900	2 500	2 450	2 100	
28.0	2 200	2 350	2 050	1 850	2 050	2 350	2 050	1 850
30.0	1 800	2 150	2 000	1 800	1 650	2 000	2 000	1 800
32.0	1 450	1 750	1 950	1 800	1 300	1 650	1 950	1 800
34.0	1 150	1 400	1 700	1 800	1 000	1 300	1 650	1 750
36.0	900	1 150	1 350	1 550	750	1 050	1 300	1 500
38.0	650	850	1 100	1 200	500	750	1 000	1 200
40.0		650	800	900		550	750	900
42.0			550	650			500	650
Min Angle	44.0	45.5	46.5	47.5	52.5	53.5	55.5	56.0
Max Rad.	40.0	41.6	43.0	43.3	38.5	41.0	42.5	43.6
Capacity	0	0	0	0	0	0	0	0

2031030



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Rated Lifting Capacities In Kilograms



Retracted



0t



Radius (m)	Boom Length (m)			
	12.50	15.2	18.3	21.23
	360°	360°	360°	360°
2.5	45 750			
3.0	29 500	29 000	28 550	28 250
3.5	21 200	20 750	20 400	20 150
4.0	16 200	15 800	15 450	15 250
4.5	12 700	12 400	12 150	11 900
5.0	10 200	10 050	9 750	9 600
6.0	6 850	6 700	6 550	6 400
7.0	4 700	4 600	4 500	4 400
8.0	3 200	3 100	3 000	2 950
9.0	2 050	2 000	1 900	1 850
10.0	1 200	1 150	1 050	1 000

Min Angle	0.0	33.5	48.0	56.0
Max Rad.	10.4	10.9	10.7	10.6
Capacity	900	0	0	0

3010010

Rated Lifting Capacities In Kilograms



Retracted



0t



Radius (m)	Boom Length (m)					
	12.50	15.2	18.3	21.3	24.4	27.4
	360°	360°	360°	360°	360°	360°
2.5	45 750					
3.0	29 500	21 950	21 750	21 550		
3.5	21 200	21 650	21 750	21 550	21 750	
4.0	16 200	16 600	16 900	17 100	17 250	
4.5	12 700	13 150	13 450	13 650	13 750	13 850
5.0	10 200	10 750	11 000	11 200	11 300	11 400
6.0	6 850	7 350	7 700	7 850	7 950	8 050
7.0	4 700	5 200	5 550	5 750	5 800	5 900
8.0	3 200	3 650	4 000	4 250	4 400	4 450
9.0	2 050	2 550	2 900	3 100	3 300	3 350
10.0	1 200	1 700	2 000	2 250	2 400	2 500
12.0			750	1 000	1 150	1 300

Min Angle	0.0	26.0	38.5	46.0	52.0	56.5
Max Rad.	10.4	11.9	12.7	13.3	13.7	13.9
Capacity	900	0	0	0	0	0

3010020

Rated Lifting Capacities In Kilograms



Retracted



4.4t



Radius (m)	Boom Length (m)			
	12.50	15.2	18.3	21.23
	360°	360°	360°	360°
2.5	55 800			
3.0	41 100	40 600	40 150	30 250
3.5	30 000	29 500	29 150	28 900
4.0	23 250	22 850	22 500	22 300
4.5	18 600	18 300	18 000	17 800
5.0	15 300	15 100	14 800	14 600
6.0	10 800	10 700	10 500	10 350
7.0	7 900	7 800	7 700	7 600
8.0	5 900	5 800	5 750	5 700
9.0	4 450	4 400	4 300	4 250
10.0	3 300	3 250	3 200	3 150
12.0		1 650	1 550	1 550

Min Angle	0.0	0.0	31.0	43.5
Max Rad.	10.4	13.1	14.0	14.0
Capacity	2 900	900	0	0

3020010

Rated Lifting Capacities In Kilograms



Retracted



4.4t

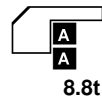
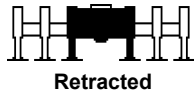


Radius (m)	Boom Length (m)							
	12.50	15.2	18.3	21.3	24.4	27.4	30.5	33.5
	360°	360°	360°	360°	360°	360°	360°	360°
2.5	55 800							
3.0	41 100	21 950	21 750	21 550				
3.5	30 000	21 950	21 750	21 550	21 750			
4.0	23 250	21 950	21 750	21 550	21 750			
4.5	18 600	19 050	19 300	19 500	19 650	19 750		
5.0	15 300	15 800	16 050	16 200	16 350	16 450		
6.0	10 800	11 300	11 600	11 750	11 900	11 950	12 000	12 050
7.0	7 900	8 400	8 750	8 950	9 050	9 150	9 200	9 250
8.0	5 900	6 400	6 750	6 950	7 100	7 150	7 200	7 250
9.0	4 450	4 950	5 250	5 500	5 650	5 750	5 750	5 800
10.0	3 300	3 800	4 100	4 350	4 500	4 650	4 700	4 750
12.0		2 150	2 500	2 700	2 850	3 000	3 100	3 150
14.0			1 350	1 600	1 750	1 850	1 950	2 000
16.0			550	750	900	1 050	1 100	1 200
18.0								550

Min Angle	0.0	0.0	0.0	28.0	39.0	45.5	51.0	54.5
Max Rad.	10.4	13.1	16.2	17.0	17.5	17.9	18.0	18.4
Capacity	2 900	1 450	450	0	0	0	0	0

3020020

Rated Lifting Capacities In Kilograms



Radius (m)	Boom Length (m)			
	12.50	15.2	18.3	21.23
	360°	360°	360°	360°
2.5	58 350			
3.0	51 150	47 850		
3.5	38 750	38 300		
4.0	30 300	29 850	29 500	
4.5	24 500	24 200	23 900	
5.0	20 350	20 150	19 850	19 650
6.0	14 750	14 600	14 450	14 250
7.0	11 150	11 050	10 950	10 850
8.0	8 650	8 550	8 500	8 400
9.0	6 850	6 750	6 650	6 600
10.0	5 400	5 350	5 300	5 250
12.0		3 350	3 300	3 250
14.0			1 900	1 850
16.0			900	850

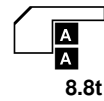
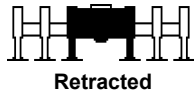
Min Angle	0.0	0.0	0.0	27.5
Max Rad.	10.4	13.1	16.2	17.1
Capacity	4 900	2 450	800	0

3030010

**⚠ WARNING**

Do Not Raise Boom Above 75° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.

Rated Lifting Capacities In Kilograms



Radius (m)	Boom Length (m)									
	12.50	15.2	18.3	21.3	24.4	27.4	30.5	33.5	36.6	38.71
	360°	360°	360°	360°	360°	360°	360°	360°	360°	360°
2.5	58 350									
3.0	51 150	21 950								
3.5	38 750	21 950								
4.0	30 300	21 950	21 750							
4.5	24 500	21 950	21 750							
5.0	20 350	20 850	21 100	21 250						
6.0	14 750	15 250	15 550	15 750	15 850					
7.0	11 150	11 650	12 000	12 150	12 250	12 350				
8.0	8 650	9 150	9 500	9 700	9 850	9 900	9 950			
9.0	6 850	7 300	7 650	7 850	8 000	8 100	8 150	8 200		
10.0	5 400	5 900	6 200	6 400	6 600	6 700	6 750	6 800	6 800	
12.0		3 850	4 200	4 400	4 550	4 700	4 800	4 850	4 850	4 900
14.0			2 800	3 000	3 150	3 300	3 400	3 450	3 500	3 550
16.0			1 750	2 000	2 150	2 250	2 350	2 450	2 500	2 500
18.0				1 250	1 400	1 500	1 600	1 650	1 700	1 750
20.0					800	900	1 000	1 050	1 100	1 150
22.0							500	550	600	650

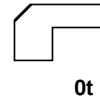
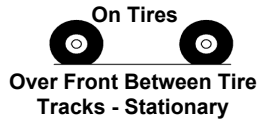
  

Min Angle	0.0	0.0	0.0	0.0	16.0	31.5	39.0	45.0	49.5	52.0
Max Rad. Capacity	10.4	13.1	16.2	19.2	21.4	21.8	22.3	22.5	22.8	23.0
	4 900	3 000	1 700	850	0	0	0	0	0	0

3030020

**⚠ WARNING**  
 Do Not Raise Boom Above 75° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.

Rated Lifting Capacities In Kilograms

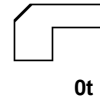
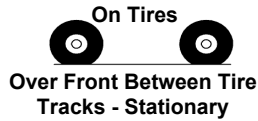


Radius (m)	Boom Length (m)			
	12.50	15.2	18.3	21.23
	Front	Front	Front	Front
3.0	28 950			
3.5	26 350	20 500		
4.0	23 450	20 500		
4.5	21 000	20 500	13 650	
5.0	18 950	18 800	13 650	
6.0	14 600	14 300	13 650	8 500
7.0	10 650	10 550	10 300	8 500
8.0	8 050	7 950	7 800	7 650
9.0	6 200	6 150	6 050	5 900
10.0	4 850	4 800	4 750	4 650
12.0		2 900	2 850	2 800
14.0			1 600	1 550

Min Angle	0.0	0.0	18.0	37.5
Max Rad.	10.4	13.1	15.3	15.2
Capacity	4 400	2 100	0	0

4010030

Rated Lifting Capacities In Kilograms

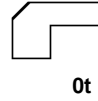


Radius (m)	Boom Length (m)				
	12.50	15.2	18.3	21.3	24.4
	Front	Front	Front	Front	Front
3.0	28 950				
3.5	26 350	21 100			
4.0	23 450	21 100			
4.5	21 000	21 100	14 750		
5.0	18 950	19 400	14 750		
6.0	14 600	15 000	14 750	9 800	
7.0	10 650	11 150	11 400	9 800	
8.0	8 050	8 550	8 800	8 950	9 050
9.0	6 200	6 650	7 000	7 150	7 250
10.0	4 850	5 300	5 650	5 800	5 900
12.0		3 400	3 700	3 900	4 050
14.0			2 400	2 600	2 750
16.0			1 500	1 700	1 850
18.0					1 150

Min Angle	0.0	0.0	0.0	22.0	30.0
Max Rad.	10.4	13.1	16.2	18.0	19.5
Capacity	4 400	2 600	1 400	0	0

4010100

Rated Lifting Capacities In Kilograms



Radius (m)	Boom Length (m)			
	12.50	15.2	18.3	21.23
	Front	Front	Front	Front
3.0	28 700			
3.5	25 400	20 500		
4.0	24 550	20 500		
4.5	20 650	20 500	13 650	
5.0	20 350	20 250	13 650	
6.0	14 600	14 300	13 650	8 500
7.0	10 650	10 550	10 300	8 500
8.0	8 050	7 950	7 800	7 650
9.0	6 200	6 150	6 050	5 900
10.0	4 850	4 800	4 750	4 650
12.0		2 900	2 850	2 800
14.0			1 600	1 550

Min Angle	0.0	0.0	18.0	37.5
Max Rad.	10.4	13.1	15.3	15.2
Capacity	4 400	2 100	0	0

5010040

Rated Lifting Capacities In Kilograms

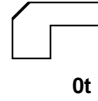


Radius (m)	Boom Length (m)				
	12.50	15.2	18.3	21.3	24.4
	Front	Front	Front	Front	Front
3.0	28 700				
3.5	25 400	21 100			
4.0	24 550	21 100			
4.5	20 650	21 100	14 750		
5.0	20 350	20 650	14 750		
6.0	14 600	15 000	14 750	9 800	
7.0	10 650	11 150	11 400	9 800	
8.0	8 050	8 550	8 800	8 950	9 050
9.0	6 200	6 650	7 000	7 150	7 250
10.0	4 850	5 300	5 650	5 800	5 900
12.0		3 400	3 700	3 900	4 050
14.0			2 400	2 600	2 750
16.0			1 500	1 700	1 850
18.0					1 150

Min Angle	0.0	0.0	0.0	22.0	30.0
Max Rad.	10.4	13.1	16.2	18.0	19.5
Capacity	4 400	2 600	1 400	0	0

5010110

Rated Lifting Capacities In Kilograms



Radius (m)	Boom Length (m)			
	12.50	15.2	18.3	21.23
	Front	Front	Front	Front
3.0	22 050			
3.5	19 650	19 500		
4.0	17 600	17 450		
4.5	15 850	15 750	15 650	
5.0	14 350	14 250	14 150	
6.0	11 900	11 800	11 700	11 650
7.0	10 000	9 900	9 800	9 750
8.0	8 050	7 950	7 800	7 650
9.0	6 200	6 150	6 050	5 900
10.0	4 850	4 800	4 750	4 650
12.0		2 900	2 850	2 800
14.0			1 600	1 550

Min Angle	0.0	0.0	18.0	37.5
Max Rad.	10.4	13.1	15.3	15.2
Capacity	4 400	2 100	0	0

6010050

Rated Lifting Capacities In Kilograms



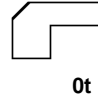
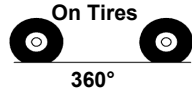
Radius (m)	Boom Length (m)				
	12.50	15.2	18.3	21.3	24.4
	Front	Front	Front	Front	Front
3.0	22 050				
3.5	19 650	19 900			
4.0	17 600	17 850			
4.5	15 850	16 150	14 750		
5.0	14 350	14 650	14 750		
6.0	11 900	12 200	12 450	9 800	
7.0	10 000	10 300	10 550	9 800	
8.0	8 050	8 550	8 800	8 950	9 050
9.0	6 200	6 650	7 000	7 150	7 250
10.0	4 850	5 300	5 650	5 800	5 900
12.0		3 400	3 700	3 900	4 050
14.0			2 400	2 600	2 750
16.0			1 500	1 700	1 850
18.0					1 150

Min Angle	0.0	0.0	0.0	22.0	30.0
Max Rad.	10.4	13.1	16.2	18.0	19.5
Capacity	4 400	2 600	1 400	0	0

6010120



Rated Lifting Capacities In Kilograms

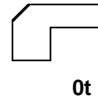
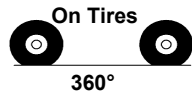


Radius (m)	Boom Length (m)			
	12.50	15.2	18.3	21.23
	360°	360°	360°	360°
3.0	16 850			
3.5	12 600	12 250		
4.0	9 750	9 500		
4.5	7 700	7 550	7 300	
5.0	6 150	6 050	5 850	
6.0	4 050	3 950	3 850	3 700
7.0	2 600	2 500	2 450	2 400
8.0	1 600	1 500	1 450	1 400

Min Angle	31.5	47.0	56.5	61.5
Max Rad.	9.0	8.9	8.8	8.8
Capacity	0	0	0	0

7010060

Rated Lifting Capacities In Kilograms

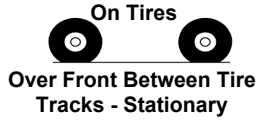


Radius (m)	Boom Length (m)				
	12.50	15.2	18.3	21.3	24.4
	360°	360°	360°	360°	360°
3.0	16 850				
3.5	12 600	12 900			
4.0	9 750	10 150			
4.5	7 700	8 100	8 350		
5.0	6 150	6 600	6 850		
6.0	4 050	4 450	4 750	4 900	
7.0	2 600	3 000	3 300	3 500	
8.0	1 600	2 000	2 300	2 500	2 600
9.0		1 200	1 500	1 700	1 850
10.0			900	1 100	1 250

Min Angle	31.5	42.0	49.5	55.0	59.5
Max Rad.	9.0	9.8	10.4	10.8	11.2
Capacity	0	0	0	0	0

7010130

Rated Lifting Capacities In Kilograms

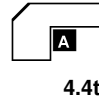
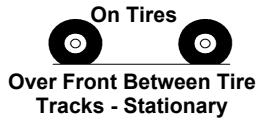


Radius (m)	Boom Length (m)			
	12.50	15.2	18.3	21.23
	Front	Front	Front	Front
3.0	31 300			
3.5	28 400	23 450		
4.0	25 950	23 450		
4.5	23 850	23 450	17 750	
5.0	22 050	21 950	17 750	
6.0	18 350	18 200	17 750	12 000
7.0	14 650	14 500	14 250	12 000
8.0	11 350	11 250	11 150	11 000
9.0	9 050	8 950	8 900	8 750
10.0	7 300	7 250	7 150	7 100
12.0		4 850	4 800	4 750
14.0			3 200	3 200
16.0			2 050	2 050

Min Angle	0.0	0.0	0.0	21.5
Max Rad.	10.4	13.1	16.2	18.0
Capacity	6 700	3 850	2 000	0

4020070

Rated Lifting Capacities In Kilograms



Radius (m)	Boom Length (m)						
	12.50	15.2	18.3	21.3	24.4	27.4	30.5
	Front	Front	Front	Front	Front	Front	Front
3.0	31 300						
3.5	28 400	21 950					
4.0	25 950	21 950					
4.5	23 850	21 950	17 100				
5.0	22 050	21 950	17 100				
6.0	18 350	18 750	17 100	13 300			
7.0	14 650	15 100	15 350	13 300			
8.0	11 350	11 800	12 100	12 250	9 750		
9.0	9 050	9 500	9 800	9 950	9 750	7 500	
10.0	7 300	7 750	8 050	8 250	8 350	7 500	8 500
12.0		5 350	5 650	5 850	5 950	6 050	6 100
14.0			4 050	4 250	4 400	4 500	4 550
16.0			2 850	3 100	3 250	3 350	3 400
18.0				2 200	2 350	2 450	2 550
20.0					1 700	1 800	1 900
22.0					1 150	1 250	1 350
24.0							900

Min Angle	0.0	0.0	0.0	0.0	0.0	20.0	26.5
Max Rad.	10.4	13.1	16.2	19.2	22.3	24.0	25.6
Capacity	6 700	4 350	2 800	1 800	1 100	0	0

4020140

Rated Lifting Capacities In Kilograms



4.4t



Radius (m)	Boom Length (m)			
	12.50	15.2	18.3	21.23
	Front	Front	Front	Front
3.0	31 000			
3.5	28 400	22 900		
4.0	25 650	22 900		
4.5	23 300	22 900	17 550	
5.0	21 300	21 200	17 550	
6.0	18 000	17 900	17 550	12 000
7.0	14 650	14 500	14 250	12 000
8.0	11 350	11 250	11 150	11 000
9.0	9 050	8 950	8 900	8 750
10.0	7 300	7 250	7 150	7 100
12.0		4 850	4 800	4 750
14.0			3 200	3 200
16.0			2 050	2 050

Min Angle	0.0	0.0	0.0	21.5
Max Rad.	10.4	13.1	16.2	18.0
Capacity	6 700	3 850	2 000	0

5020080

Rated Lifting Capacities In Kilograms



4.4t

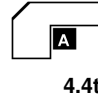


Radius (m)	Boom Length (m)						
	12.50	15.2	18.3	21.3	24.4	27.4	30.5
	Front	Front	Front	Front	Front	Front	Front
3.0	31 000						
3.5	28 400	21 950					
4.0	25 650	21 950					
4.5	23 300	21 950	17 100				
5.0	21 300	21 600	17 100				
6.0	18 000	18 300	17 100	13 300			
7.0	14 650	15 100	15 350	13 300			
8.0	11 350	11 800	12 100	12 250	9 750		
9.0	9 050	9 500	9 800	9 950	9 750	7 500	
10.0	7 300	7 750	8 050	8 250	8 350	7 500	8 500
12.0		5 350	5 650	5 850	5 950	6 050	6 100
14.0			4 050	4 250	4 400	4 500	4 550
16.0			2 850	3 100	3 250	3 350	3 400
18.0				2 200	2 350	2 450	2 550
20.0					1 700	1 800	1 900
22.0					1 150	1 250	1 350
24.0							900

Min Angle	0.0	0.0	0.0	0.0	0.0	20.0	26.5
Max Rad.	10.4	13.1	16.2	19.2	22.3	24.0	25.6
Capacity	6 700	4 350	2 800	1 800	1 100	0	0

5020150

Rated Lifting Capacities In Kilograms

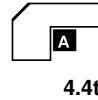


Radius (m)	Boom Length (m)			
	12.50	15.2	18.3	21.23
	Front	Front	Front	Front
3.0	23 350			
3.5	20 800	20 700		
4.0	18 700	18 550		
4.5	16 900	16 750	16 650	
5.0	15 300	15 200	15 100	
6.0	12 750	12 650	12 550	12 500
7.0	10 700	10 650	10 550	10 500
8.0	9 100	9 000	8 950	8 900
9.0	7 750	7 700	7 600	7 550
10.0	6 600	6 550	6 500	6 450
12.0		4 800	4 750	4 700
14.0			3 200	3 200
16.0			2 050	2 050

Min Angle	0.0	0.0	0.0	21.5
Max Rad.	10.4	13.1	16.2	18.0
Capacity	6 200	3 850	2 000	0

6020090

Rated Lifting Capacities In Kilograms

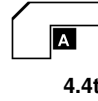
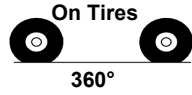


Radius (m)	Boom Length (m)						
	12.50	15.2	18.3	21.3	24.4	27.4	30.5
	Front	Front	Front	Front	Front	Front	Front
3.0	23 350						
3.5	20 800	21 050					
4.0	18 700	18 950					
4.5	16 900	17 200	17 350				
5.0	15 300	15 600	15 800				
6.0	12 750	13 050	13 300	13 400			
7.0	10 700	11 050	11 300	11 450			
8.0	9 100	9 450	9 700	9 850	9 750		
9.0	7 750	8 100	8 350	8 550	8 650	7 500	
10.0	6 600	7 000	7 250	7 450	7 550	7 500	7 750
12.0		5 250	5 550	5 750	5 850	5 900	6 000
14.0			4 050	4 250	4 400	4 500	4 550
16.0			2 850	3 100	3 250	3 350	3 400
18.0				2 200	2 350	2 450	2 550
20.0					1 700	1 800	1 900
22.0					1 150	1 250	1 350
24.0							900

Min Angle	0.0	0.0	0.0	0.0	0.0	20.0	26.5
Max Rad.	10.4	13.1	16.2	19.2	22.3	24.0	25.6
Capacity	6 200	4 350	2 800	1 800	1 100	0	0

6020160

Rated Lifting Capacities In Kilograms

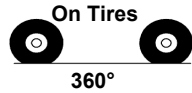


Radius (m)	Boom Length (m)			
	12.50	15.2	18.3	21.23
	360°	360°	360°	360°
3.0	24 850			
3.5	18 950	18 600		
4.0	15 050	14 800		
4.5	12 200	12 050	11 800	
5.0	10 100	10 000	9 800	
6.0	7 150	7 050	7 000	6 850
7.0	5 250	5 150	5 100	5 000
8.0	3 850	3 750	3 700	3 650
9.0	2 800	2 700	2 650	2 600
10.0	1 950	1 900	1 850	1 800
Min Angle	0.0	25.5	42.5	51.0
Max Rad. Capacity	10.4	12.0	12.0	12.0
	1 650	0	0	0

7020090

**⚠ WARNING**  
Do Not Raise Boom Above 75° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.

Rated Lifting Capacities In Kilograms

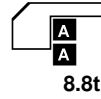
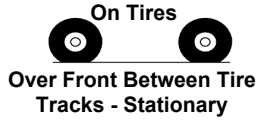


Radius (m)	Boom Length (m)						
	12.50	15.2	18.3	21.3	24.4	27.4	30.5
	360°	360°	360°	360°	360°	360°	360°
3.0	24 850						
3.5	18 950	19 300					
4.0	15 050	15 400					
4.5	12 200	12 650	12 850				
5.0	10 100	10 550	10 800				
6.0	7 150	7 600	7 900	8 050			
7.0	5 250	5 650	5 900	6 100			
8.0	3 850	4 250	4 550	4 750	4 850		
9.0	2 800	3 200	3 450	3 650	3 800	3 900	
10.0	1 950	2 350	2 650	2 850	3 000	3 100	3 150
12.0		1 150	1 450	1 650	1 800	1 900	1 950
14.0			600	800	950	1 050	1 100
Min Angle	0.0	0.0	28.0	39.5	46.5	51.5	55.5
Max Rad. Capacity	10.4	13.1	14.3	14.9	15.4	15.8	16.0
	1 650	650	0	0	0	0	0

7020170

**⚠ WARNING**  
Do Not Raise Boom Above 75° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.

Rated Lifting Capacities In Kilograms

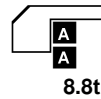
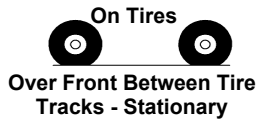


Radius (m)	Boom Length (m)			
	12.50	15.2	18.3	21.23
	Front	Front	Front	Front
5.0	23 500			
6.0	20 250			
7.0	17 700	17 600		
8.0	14 650	14 550	14 400	
9.0	11 850	11 750	11 650	
10.0	9 750	9 700	9 650	9 550
12.0		6 800	6 750	6 700
14.0			4 850	4 800
16.0			3 450	3 450
18.0				2 450

Min Angle	0.0	0.0	0.0	0.0
Max Rad.	10.4	13.1	16.2	19.1
Capacity	9 100	5 600	3 350	1 950

4030010

Rated Lifting Capacities In Kilograms

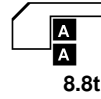


Radius (m)	Boom Length (m)							
	12.50	15.2	18.3	21.3	24.4	27.4	30.5	33.5
	Front	Front	Front	Front	Front	Front	Front	Front
5.0	23 500							
6.0	20 250							
7.0	17 700	18 050						
8.0	14 650	15 100	15 400					
9.0	11 850	12 300	12 600					
10.0	9 750	10 200	10 550	10 700				
12.0		7 300	7 600	7 800	7 950			
14.0			5 650	5 850	6 000	6 100		
16.0			4 250	4 500	4 600	4 700	4 800	
18.0				3 450	3 600	3 700	3 750	3 850
20.0					2 750	2 850	2 950	3 000
22.0					2 100	2 250	2 300	2 350
24.0						1 700	1 800	1 850
26.0							1 350	1 400
28.0							1 000	1 050
30.0								700

Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	10.4	13.1	16.2	19.2	22.3	25.3	28.4	31.4
Capacity	9 100	6 100	4 150	2 900	2 050	1 400	900	550

4030020

Rated Lifting Capacities In Kilograms

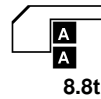


Radius (m)	Boom Length (m)			
	12.50	15.2	18.3	21.23
	Front	Front	Front	Front
5.0	22 200			
6.0	18 800			
7.0	16 100	16 000		
8.0	13 950	13 850	13 800	
9.0	11 850	11 750	11 650	
10.0	9 750	9 700	9 650	9 550
12.0		6 800	6 750	6 700
14.0			4 850	4 800
16.0			3 450	3 450
18.0				2 450

Min Angle	0.0	0.0	0.0	0.0
Max Rad.	10.4	13.1	16.2	19.1
Capacity	9 100	5 600	3 350	1 950

5030010

Rated Lifting Capacities In Kilograms



Radius (m)	Boom Length (m)							
	12.50	15.2	18.3	21.3	24.4	27.4	30.5	33.5
	Front	Front	Front	Front	Front	Front	Front	Front
5.0	22 200							
6.0	18 800							
7.0	16 100	16 450						
8.0	13 950	14 300	14 550					
9.0	11 850	12 300	12 600					
10.0	9 750	10 200	10 550	10 700				
12.0		7 300	7 600	7 800	7 950			
14.0			5 650	5 850	6 000	6 100		
16.0			4 250	4 500	4 600	4 700	4 800	
18.0				3 450	3 600	3 700	3 750	3 850
20.0					2 750	2 850	2 950	3 000
22.0					2 100	2 250	2 300	2 350
24.0						1 700	1 800	1 850
26.0							1 350	1 400
28.0							1 000	1 050
30.0								700

Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Rad.	10.4	13.1	16.2	19.2	22.3	25.3	28.4	31.4
Capacity	9 100	6 100	4 150	2 900	2 050	1 400	900	550

5030020

Rated Lifting Capacities In Kilograms



Radius (m)	Boom Length (m)			
	12.50	15.2	18.3	21.23
	Front	Front	Front	Front
5.0	16 200			
6.0	13 500			
7.0	11 400	11 350		
8.0	9 700	9 650	9 550	
9.0	8 300	8 250	8 200	
10.0	7 150	7 100	7 000	6 950
12.0		5 250	5 200	5 150
14.0			3 800	3 800
16.0			2 700	2 700
18.0				1 800

Min Angle	0.0	0.0	0.0	0.0
Max Rad.	10.4	13.1	16.2	19.1
Capacity	6 700	4 400	2 600	1 400

6030010

Rated Lifting Capacities In Kilograms



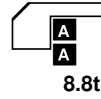
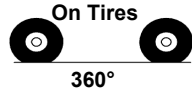
Radius (m)	Boom Length (m)							
	12.50	15.2	18.3	21.3	24.4	27.4	30.5	33.5
	Front	Front	Front	Front	Front	Front	Front	Front
5.0	16 200							
6.0	13 500							
7.0	11 400	11 750						
8.0	9 700	10 050	10 300					
9.0	8 300	8 700	8 950					
10.0	7 150	7 500	7 800	7 950				
12.0		5 700	5 950	6 150	6 300			
14.0			4 600	4 800	4 950	5 050		
16.0			3 500	3 750	3 900	4 000	4 050	
18.0				2 850	3 000	3 100	3 200	3 300
20.0					2 300	2 400	2 500	2 550
22.0					1 700	1 850	1 900	2 000
24.0						1 350	1 450	1 500
26.0							1 000	1 050
28.0							650	700

Min Angle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.0
Max Rad.	10.4	13.1	16.2	19.2	22.3	25.3	28.4	29.7
Capacity	6 700	4 850	3 450	2 400	1 650	1 050	600	0

6030020



Rated Lifting Capacities In Kilograms

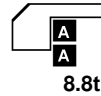
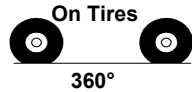


Radius (m)	Boom Length (m)			
	12.50	15.2	18.3	21.23
	360°	360°	360°	360°
5.0	14 050			
6.0	10 350			
7.0	7 850	7 750		
8.0	6 050	6 000	5 900	
9.0	4 750	4 700	4 650	
10.0	3 700	3 650	3 600	3 550
12.0		2 150	2 100	2 100
14.0			1 100	1 050
Min Angle	0.0	0.0	17.5	37.5
Max Rad.	10.4	13.1	15.3	15.2
Capacity	3 350	1 500	0	0

7030010

**▲ WARNING**  
Do Not Raise Boom Above 60° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.

Rated Lifting Capacities In Kilograms



Radius (m)	Boom Length (m)							
	12.50	15.2	18.3	21.3	24.4	27.4	30.5	33.5
	360°	360°	360°	360°	360°	360°	360°	360°
5.0	14 050							
6.0	10 350							
7.0	7 850	8 250						
8.0	6 050	6 450	6 750					
9.0	4 750	5 150	5 450					
10.0	3 700	4 100	4 400	4 600				
12.0		2 600	2 900	3 050	3 200			
14.0			1 850	2 000	2 150	2 250		
16.0			1 050	1 250	1 400	1 500	1 550	1 600
18.0					800	900	950	1 000
20.0							500	550
Min Angle	0.0	0.0	0.0	22.0	30.5	39.0	45.0	49.5
Max Rad.	10.4	13.1	16.2	18.0	19.4	19.8	20.3	20.6
Capacity	3 350	1 950	1 000	0	0	0	0	0

7030020

**▲ WARNING**  
Do Not Raise Boom Above 60° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.