



MODEL MAC25-4 SL
RATED CAPACITY MANUAL
Book Part Number: T139154H



HYDRAULIC MOBILE ARTICULATED PICK & CARRY CRANE

25 tonne MAXIMUM RATED CAPACITY
16.6 tonne REAR AXLE WEIGHT

**Do not operate this crane unless you have read
and understood the information in this book.**

Terex Australia Pty. Ltd.

ABN : 86 010 671 048
E-Mail : info@terex.com.au

CONTENTS

WARNINGS	4
OPERATIONAL NOTICE	4
ATTACHMENT NOTICE	4
DEFINITIONS	5
SPECIAL PRECAUTIONS FOR ARTICULATED CRANES	6
GENERAL	6
SET-UP	6
OPERATION	7
LIFT AND CARRY OPERATION.....	8
OPERATION ON SIDE SLOPES	9
SPECIFICATIONS	10
CRANE CONFIGURATION	12
CRANE CONFIGURATION (RUNNER).....	13
CRANE CONFIGURATION (RUNNER).....	14
RATED CAPACITY CHARTS.....	15
001: NO COUNTERWEIGHT – WINCH.....	16
101: FRONT COUNTERWEIGHT - WINCH.....	17
102: FRONT COUNTERWEIGHT - RHINO HOOK.....	18
105: FRONT COUNTERWEIGHT - FLYJIB 3m (0° OFFSET).....	19
106: FRONT COUNTERWEIGHT - FLYJIB 3m (12.5° OFFSET)	19
109: FRONT COUNTERWEIGHT - MANBASKET.....	20
110: FRONT COUNTERWEIGHT - FIXED LUG (BUTT)	20
111: FRONT COUNTERWEIGHT – LUG 1.....	21
112: FRONT COUNTERWEIGHT - LUG 2	22
127: FRONT COUNTERWEIGHT – RUNNER 1 (0° OFFSET) - HOOK.....	23
130: FRONT COUNTERWEIGHT – RUNNER 1 (0° OFFSET) - SHEAVE	23
128: FRONT COUNTERWEIGHT – RUNNER 2 (15° OFFSET) - HOOK.....	24
131: FRONT COUNTERWEIGHT – RUNNER 2 (15° OFFSET) - SHEAVE	24
129: FRONT COUNTERWEIGHT – RUNNER 3 (20° OFFSET) - HOOK.....	25
132: FRONT COUNTERWEIGHT – RUNNER 3 (20° OFFSET) - SHEAVE	25
133: FRONT COUNTERWEIGHT – FLYJIB 1.5m (0° OFFSET)	26
134: FRONT COUNTERWEIGHT – FLYJIB 1.5m (12.5° OFFSET)	27
201: REAR COUNTERWEIGHT - WINCH.....	28
202: REAR COUNTERWEIGHT - RHINO HOOK	29
205: REAR COUNTERWEIGHT - FLYJIB 3m (0° OFFSET)	30
206: REAR COUNTERWEIGHT - FLYJIB 3m (12.5° OFFSET).....	30
209: REAR COUNTERWEIGHT - MANBASKET	31
210: REAR COUNTERWEIGHT - FIXED LUG (BUTT)	31
211: REAR COUNTERWEIGHT - LUG 1.....	32
212: REAR COUNTERWEIGHT - LUG 2.....	33
227: REAR COUNTERWEIGHT – RUNNER 1 (0° OFFSET) - HOOK	34

230: REAR COUNTERWEIGHT – RUNNER 1 (0° OFFSET) - SHEAVE	34
228: REAR COUNTERWEIGHT – RUNNER 2 (15° OFFSET) - HOOK	35
231: REAR COUNTERWEIGHT – RUNNER 2 (15° OFFSET) - SHEAVE	35
229: REAR COUNTERWEIGHT – RUNNER 3 (20° OFFSET) - HOOK	36
232: REAR COUNTERWEIGHT – RUNNER 3 (20° OFFSET) - SHEAVE	36
233: REAR COUNTERWEIGHT – FLYJIB 1.5m (0° OFFSET)	37
234: REAR COUNTERWEIGHT – FLYJIB 1.5m (12.5° OFFSET)	38
301: REAR SL COUNTERWEIGHT - WINCH	39
302: REAR SL COUNTERWEIGHT - RHINO HOOK	40
305: REAR SL COUNTERWEIGHT - FLYJIB 3m (0° OFFSET).....	41
306: REAR SL COUNTERWEIGHT - FLYJIB 3m (12.5° OFFSET).....	41
309: REAR SL COUNTERWEIGHT - MANBASKET	42
310: REAR SL COUNTERWEIGHT - FIXED LUG (BUTT).....	42
311: REAR SL COUNTERWEIGHT - LUG 1	43
312: REAR SL COUNTERWEIGHT - LUG 2	44
327: REAR SL COUNTERWEIGHT – RUNNER 1 (0° OFFSET) - HOOK.....	45
330: REAR SL COUNTERWEIGHT – RUNNER 1 (0° OFFSET) - SHEAVE.....	45
328: REAR SL COUNTERWEIGHT – RUNNER 2 (15° OFFSET) - HOOK.....	46
331: REAR SL COUNTERWEIGHT – RUNNER 2 (15° OFFSET) - SHEAVE.....	46
329: REAR SL COUNTERWEIGHT – RUNNER 3 (20° OFFSET) - HOOK.....	47
332: REAR SL COUNTERWEIGHT – RUNNER 3 (20° OFFSET) - SHEAVE.....	47
333: REAR SL COUNTERWEIGHT – FLYJIB 1.5m (0° OFFSET).....	48
334: REAR SL COUNTERWEIGHT – FLYJIB 1.5m (12.5° OFFSET)	49

AFTERMARKET CONTACTS LIST..... 50

NOTE: ALL PAGES MUST BE INCLUDED IN THIS BOOK.

WARNINGS

OPERATIONAL NOTICE



IMPROPER CRANE USE, CARE OR OPERATION
CAN CAUSE INJURY, DEATH OR PROPERTY
DAMAGE.

DO NOT OPERATE THIS MACHINE UNLESS YOU
HAVE READ AND UNDERSTAND THE OPERATOR'S
MANUAL AND CRANE RATED CAPACITY MANUAL.

COPIES OF OPERATOR'S MANUALS AND CRANE RATED CAPACITY
MANUAL MAY BE OBTAINED FROM:



TEREX®

ATTACHMENT NOTICE



WRITTEN AUTHORISATION IS REQUIRED FROM
TEREX AUSTRALIA PTY LTD PRIOR TO THE USE OF
ANY ATTACHMENT NOT SPECIFIED IN THE MANUAL.

DEFINITIONS

Articulation – The crane pivots in the middle to allow steering and slewing of the load. Up to 40° Articulation is possible in either direction. See *Working Area diagram*

Deration – A decrease in the Rated Capacity due to external influences, expressed as a percentage.

Freely Suspended Load – Load hanging free with no direct external force applied except by the winch rope.

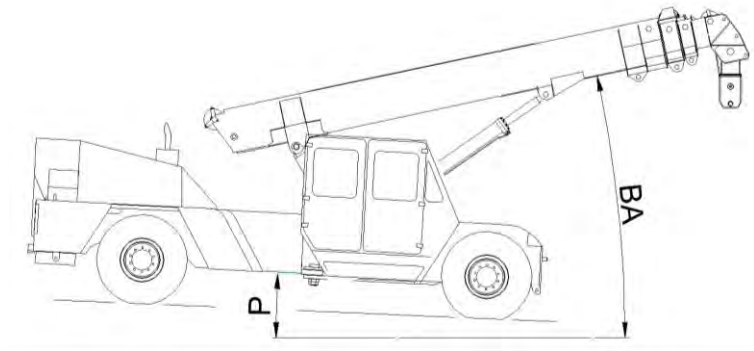
Gradient: Generalised slope of ground measured as a percentage.

Load Radius – The horizontal distance from the centre of the freely suspended hoisting hook perpendicular to a vertical plane containing the front axle.

Loaded Boom Angle – This is given to assist in setting up the crane only. It gives only an approximation of the Load Radius for a specified boom length. “Boom Angle” on Rated Capacity charts refers to the angle between the boom and true horizontal. (Refer to image below)

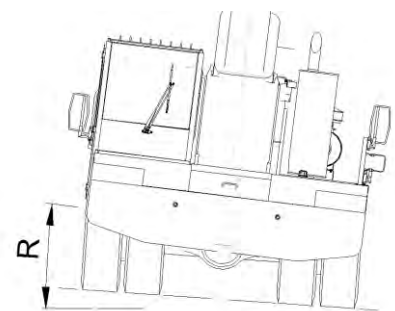
Load Moment Indicator (LMI) - A system that displays rated capacity for the given configuration. An audible warning sounds when rated capacity is approached and reached.

Pitch Angle – The forward tilt of the crane, the angle between the chassis of the front of the crane and true horizontal in the longitudinal direction. The pitch is positive when the front is higher than the rear. In the image shown, the pitch angle is negative.



Rated Capacity (RC) – The total Freely Suspended Load, including the mass of material and load handling equipment, that the machine can safely lift under ideal conditions at a given configuration.

Roll – The side tilt of the crane chassis, the angle between the front chassis of the crane and true horizontal. The roll angle is positive when the left side of the crane is higher than the right side. In the image shown, which is a view on the front of the crane, the roll angle is negative.



Side Load – Any external force applied either to the boom or load in a horizontal direction.

Slope: Generalised angle of the ground measured in degrees.

Tilt: Generalised combination of pitch and roll.

Work Areas – Area measured in an arc about the centre pivot as shown on the Working Area diagram.

SPECIAL PRECAUTIONS FOR ARTICULATED CRANES

THERE IS A POTENTIAL FOR CRUSHING BETWEEN FRONT AND REAR CHASSIS WHEN THE MACHINE ARTICULATES. NEVER STAND IN THE PIVOT AREA WHEN THE ENGINE IS RUNNING OR EMERGENCY STEERING PUMP IS OPERATING. ALWAYS REMOVE THE KEY FROM THE IGNITION BEFORE WORKING IN THE PIVOT AREA.

DO NOT LEAVE IGNITION KEY SWITCHED ON WITH ENGINE STOPPED AND PARK BRAKE OFF, AS EMERGENCY HYDRAULIC STEERING PUMP WILL ACTIVATE.

GENERAL

1. This machine has been designed to meet the requirements of AS1418.1 (2002) & 1418.5 (2002) and has been tested in accordance with these standards for pick and carry operation on tyres. The machine classification is C3.
2. Rated Capacities shown are for this machine as originally manufactured by Terex Australia Pty Ltd. The Rated Capacities only apply when all the instructions in this book are rigidly followed. Modifications to this machine or use of equipment other than that specified can result in a reduction in Rated Capacity.
3. If improperly operated or maintained, this machine can be hazardous. Operation and maintenance of this machine must be in compliance with the information documented in this rated capacity manual and in the operators, service and parts manuals furnished. If these manuals are missing, obtain replacements through Terex Australia Pty Ltd or their agents.

SET-UP

4. Reduced crane Rated Capacities for the particular job shall be established, by the operator, with due allowance for adverse operating conditions. These conditions include the supporting surface, pendulum action of the load, jerking or sudden stops of the load and other factors affecting stability, two machine lifts, electrical wires, adverse weather, wind, hazardous surroundings, experience of personnel, etc.
5. Rated Capacity is based on Freely Suspended Loads. Lifting, or travelling with a load, on soft or uneven ground can be hazardous and will reduce the Rated Capacity of the crane. Refer to the section "Operation on Slope" for further information.
6. No attempt shall be made to drag the load along the ground in any direction.
7. Wind forces on the boom, resulting from winds up to 10 m/s (36 km/h), are incorporated in the Rated Capacity. Any additional Side Loading due to wind forces on the load will reduce the Rated Capacity, and must be considered.
8. Rated Capacities include the mass of hooks, blocks, slings and auxiliary lifting devices. Their mass must be subtracted, from the listed Rated Capacity, to determine the equivalent net load.

9. Loaded Boom Angles at specified boom lengths give only an approximation of the Load Radius. The Boom Angle before loading should be greater to account for boom deflection increasing the Load Radius as the load is lifted.

OPERATION

10. Read and understand all warnings and instructional notes.
11. Do not tip the machine to determine allowable lifting capacities.
12. Loads may be lifted from:

- The main boom head on the winch.
- The rhino hook.
- The fixed lug.
- Either of the two sliding lugs on the boom.
- A flyjib is also available to extend the maximum boom length
- A “manbasket” can be pinned to the head of the boom.

Always use the correct Rated Capacity chart for the lifting point in use, and the position of the counterweight. Ensure the LMI is set to the correct duty.

NOTE : Written authorisation from Terex Australia Pty Ltd is required prior to the use of any attachment not specified in the manual.

13. “Crane mode” can only be engaged when “low range” is selected. Selecting “crane mode” will cause the front suspension lockouts to engage.
14. Lifting from more than one lifting point simultaneously is neither intended nor approved.
15. Handling of personnel from the boom is neither intended nor approved, except in a Terex Australia Pty Ltd supplied manbasket, correctly installed on the head of the boom, or other approved arrangement.
16. When either the boom length or Load Radius or both are between values listed, the smallest load shown at either the next larger Load Radius or boom length shall be used, or the interpolated value shown on the LMI may be used.
17. Side Loading of the machine and load swing out may cause structural failure or machine tip-over. Side Loads may be generated by:
 - Lifting when not level.
 - Sudden acceleration or deceleration
 - Sudden movement when articulating with a load.
 - Dragging a load.
 - Pushing a load.
 - Wind forces on load and boom structure.
18. It is safe to attempt to telescope any load within the limits of the Rated Capacity Manual. The maximum load that may be telescoped is limited by hydraulic pressure, Loaded Boom Angle and powered boom sections lubrication.

19. Boom extension 1 and boom extension 2 move simultaneously. The winch rope is fully compensated for boom extension when boom extensions 1 & 2 are being telescoped. Boom extension 3 is powered on the MAC 25 however there is no compensation of the winch rope as the third extension is being extended.
Operator to take care to extend rope as required while boom extension 3 is being telescoped.
20. Do not allow the winch rope to unwind fully. Always ensure a minimum of 2 wraps of rope remain on the winch drum.
21. Rated Capacity depends on tyre rating, tyre condition and tyre inflation pressure. All tyres must be in good condition and must be inflated to the recommended pressure before attempting a lift.
22. Pick & carry operation is permitted through the full Articulation range, however, Rated Capacity is reduced when articulating. On the series 4 MAC 25, the LMI dynamically calculates rated capacity taking crane tilt and articulation into account.
23. The maximum speed for pick & carry operation is 0.4m/s (1.44km/h). The transfer case shall be set to low range.
24. Operation of this crane in excess of the Rated Capacity and disregard of the instructions is hazardous.

LIFT AND CARRY OPERATION

Observe the following during travel with load on the crane:

- Keep the boom tip as close to the ground as possible by using:
 - The **MINIMUM** practical boom length
 - The **MINIMUM** practical Boom Angle.
- Keep the load as **CLOSE** to the ground as possible.
- Keep the load as **CLOSE** to the front of crane as possible
- Use the **MINIMUM** Articulation angle practical - **REMEMBER** the crane will side tilt when articulated and hence the hook will move towards the direction of Articulation whilst steering.
- Load swing greatly reduces stability – **REMEMBER** to tagline loads to prevent pendulum motion of the load. Travel and crane motions should be applied gently to minimise this effect.
- Always **REMEMBER**:
 - On flat ground - Increased articulation reduces load capacity
 - On sloping ground – Downhill articulation reduces load capacity.

OPERATION ON SLOPE

The operation on slope of cranes that travel with a freely suspended loads should be avoided if at all possible (refer to AS 2550.5). Mobile Cranes are primarily designed to operate on firm, flat, level ground - within a 1% gradient (refer to AS 1418.5 (2002)). Any deviation from this requires that the Rated Capacity shall be reduced (derated) accordingly.

If it is necessary to operate on slope the precautions listed below must be taken.

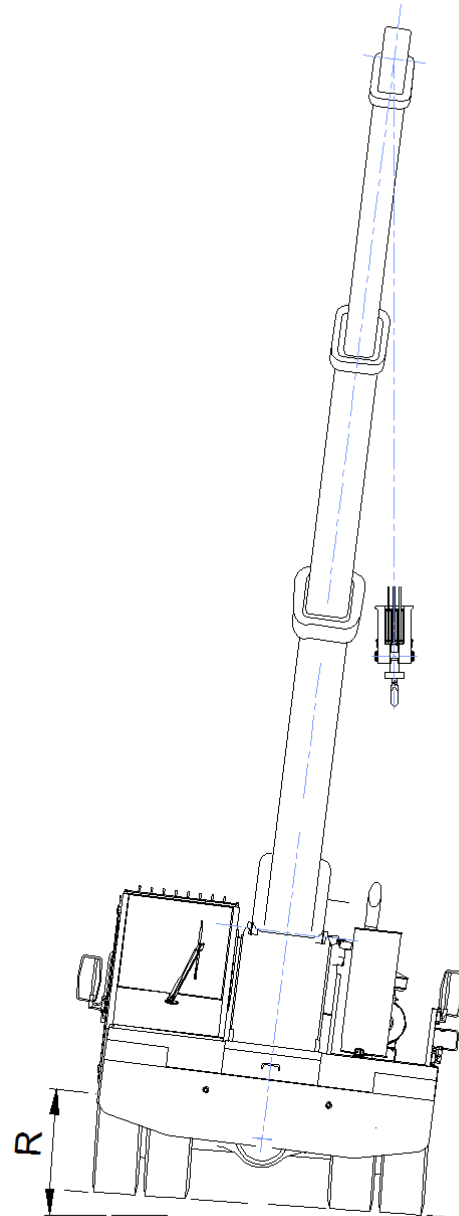
- **REMEMBER** that surface depressions and potholes will create the same effect as a sloping surface.
- Ensure the ground condition is **FIRM** enough to support the axle loads.
- Ensure the tyres are inflated to the correct operating pressures.
- Keep the load on the **UPHILL** side of the crane where possible. **REMEMBER** the working Load Radius will increase if the load is suspended in the downhill position.

NOTE:

The MAC 25 crane must at no time be operated on a slope greater than 5° (8.75% gradient).

In order to determine the slide slope of a particular site the crane's LMI can be used to give an approximation. Before commencing the lift, drive the un-laden crane slowly across the sloping surface and note the maximum slope displayed. Take the reading when the crane's articulation is zero (straight ahead) and with the boom (fully retracted) in its lowest position practical.

The MAC 25 is fitted with an LMI that calculates the rated capacity for the crane when the crane tilts in any direction.



SLOPE RATED CAPACITY

The degree of tilt of the front body results from a number of factors. Articulation of the crane induces tilt as does working on a slope. In combination the body tilt is increased when the load is on the **DOWNHILL** side of the crane (when the crane articulation direction is down a side slope).

The degree of tilt of the front body and boom is further increased by the deflection of the tyres. This is illustrated in Figure 1. For instance, a 5° ground side slope may result in chassis tilt of say 7°.

The LMI determines and displays the degree of body tilt measured by a sensor that is attached to the front body. This sensor measures the angle of the front body, not the angle of slope of the ground. When the crane is un-laden, the boom fully down, and the crane is at zero articulation, the body will be close to the same angle as the ground, for up to 5° slope.

This body tilt angle (the “Roll”) is used by the LMI to derate the crane as this is also the angle the boom has been tilted sideways. When lifting or carrying a load in slope situations, the tilt of the body will change as the weight of load is taken by the crane. In most circumstances, this change will be further derate the crane. Hence in planning a lift, it is important to be conservative on lift capacity in any circumstance where the lift will induce significant front body tilt.

SPECIFICATIONS

ATTACHMENT MASSES

Single part hook block	PL16M2090	30 kg
Four/six part hook block	PLMXA3033	230 kg
Rhino Hook	PLMXF3015	25 kg
8 tonne swivel hook	T167076	7 kg
9 tonne swivel hook	PP2190200	10 kg
25 tonne swivel hook	T167079	27 kg
25 tonne swivel hook	PP2087500	26 kg
15 tonne spreader bar	PL15A8023	107 kg
Adapter - Flyjib & Manbasket	PLMXF3018	25 kg
Flyjib (3m)	PL16A3056	79 kg
Mount arm - Manbasket	C2061	85 kg
Manbasket	C2062	130 kg
Flyjib (1.5m)	T169229	46 kg
Runner (Sheave)	T169059	109 kg
Runner (Hook lift)	T171669	110 kg

NOTE : These masses apply only to Terex Australia Pty Ltd supplied equipment.

HOOK BLOCK

Hook Block:	Number of Falls of Rope	Maximum Hook Block RC (kg)
	1	4200
	2	8400
	4	16800
	6	25000

WIRE ROPE

Wire Rope:	Rope: Non-rotating Compak 2070 MPa.	Ø14 mm 35W x 7
	Minimum Breaking Force:	165 kN
	Rope Length:	110 m

TYRE SPECIFICATIONS

Condition	Speed	Rated Capacity (Min)
Pick & Carry	<1.44 km/h	10500 kg per tyre (dual fitment)
Highway	80 km/h	3000 kg per tyre (dual fitment)

TYRE INFLATION CHART

Position	Construction	Inflation Pressure	
		Pick & Carry	Highway Travel
Front	14.00 x 20	830 kPa (120 psi)	620 – 830 kPa (90 – 120 psi)
Rear	14.00 x 20	620 kPa (90 psi)	620 kPa (90 psi)

COUNTERWEIGHT DETAILS:

Moveable Counterweight:	T167697	1280 kg
SL counterweight	T167698	2153 kg

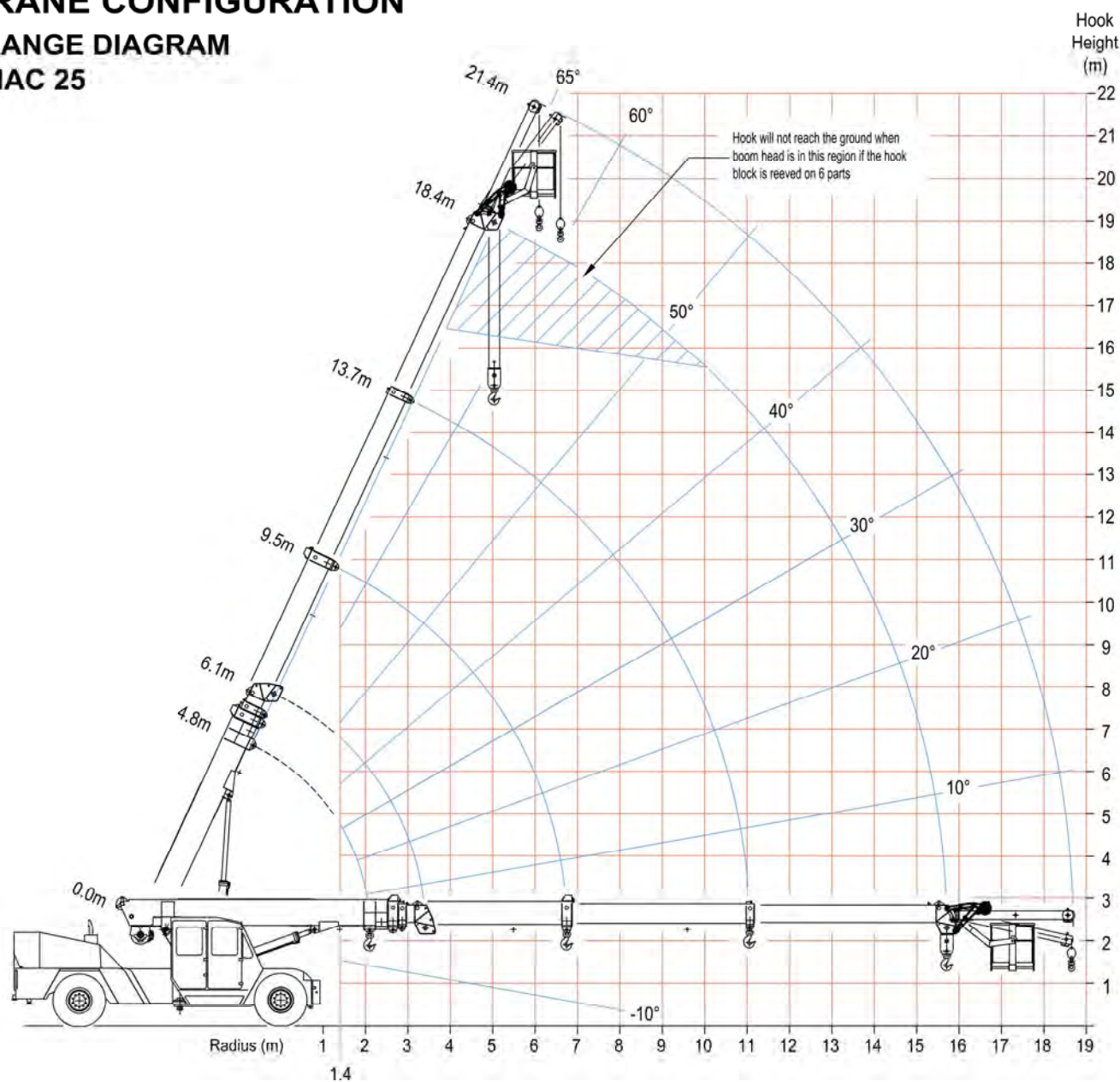
MAC 25 Axle Loads:

Axle loads for un-laden crane, boom fully retracted and boom angle at 0°.

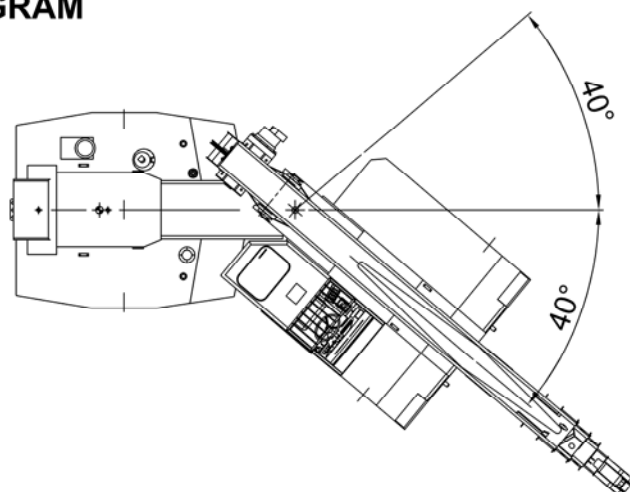
No counterweight on crane:	Front Axle: Rear Axle:	10330 kg 12290 kg
Counterweight on front:	Front Axle: Rear Axle:	11900 kg 12000 kg
Counterweight on rear:	Front Axle: Rear Axle:	10010 kg 13890 kg
Rear SL counterweight	Front Axle: Rear Axle:	9465 kg 16590 kg

NOTE : The MAC 25 must not be driven on public roads and highways with counterweight mounted on the rear of the crane.

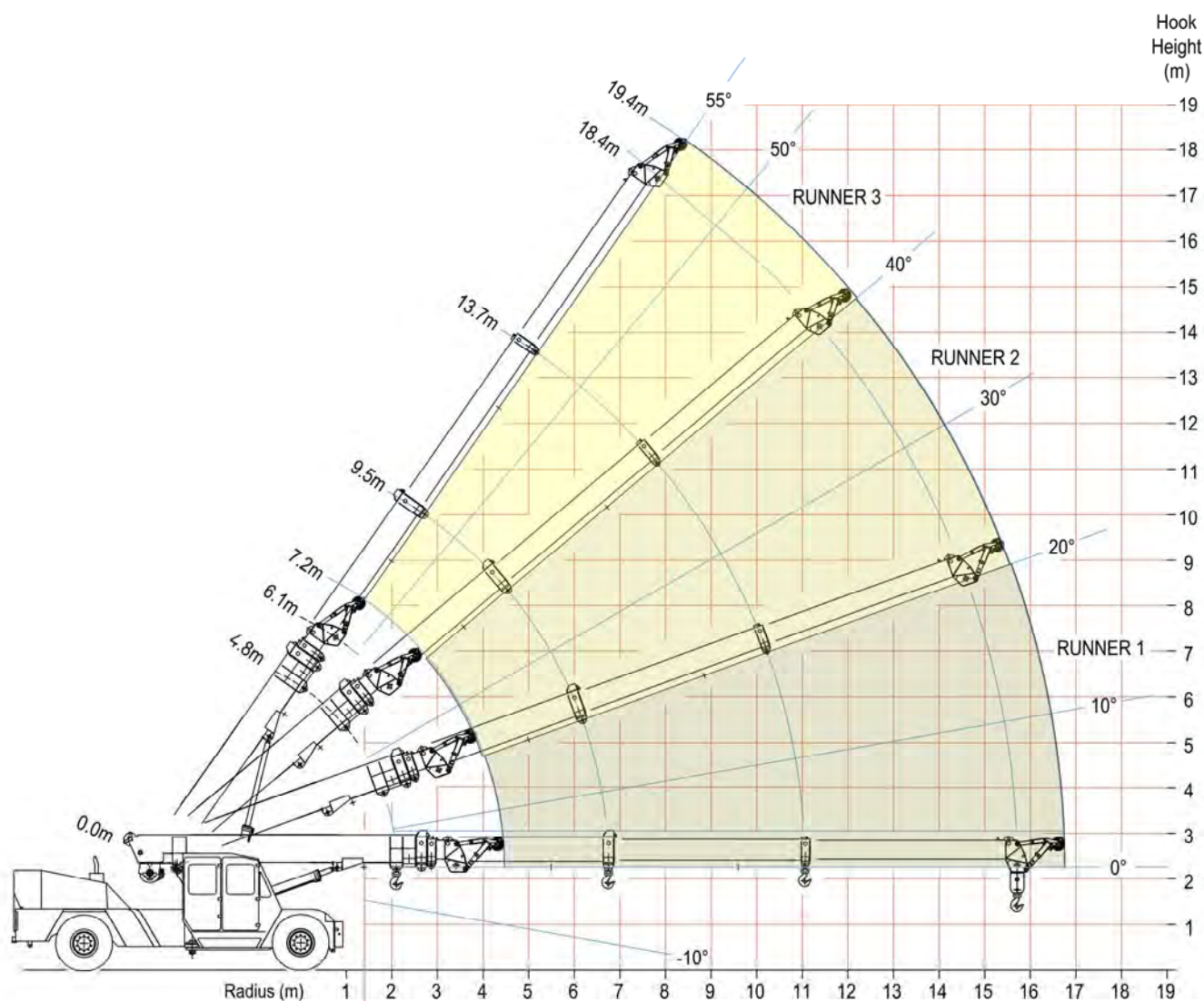
CRANE CONFIGURATION
RANGE DIAGRAM
MAC 25



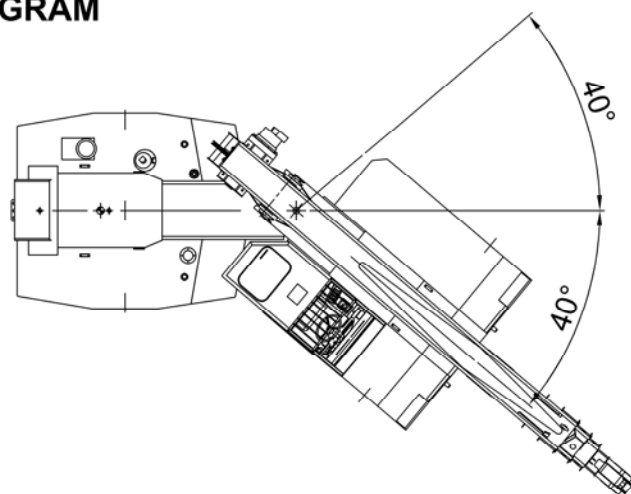
WORKING AREA DIAGRAM
MAC 25



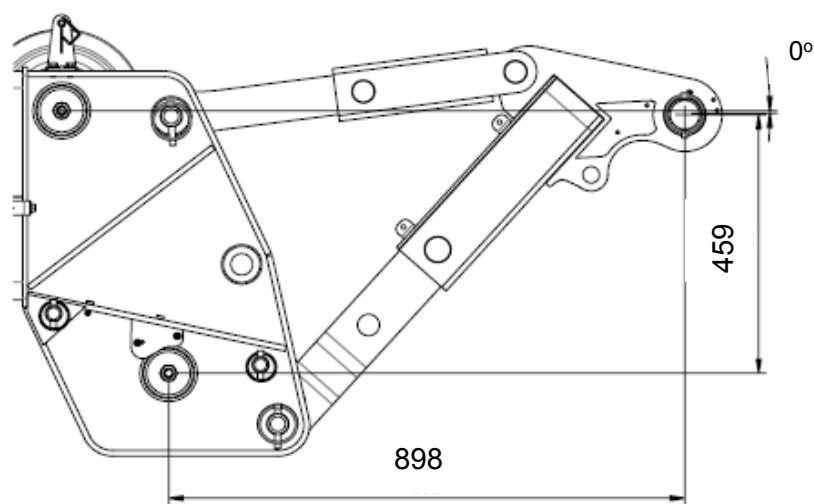
CRANE CONFIGURATION
RANGE DIAGRAM RUNNER
MAC 25



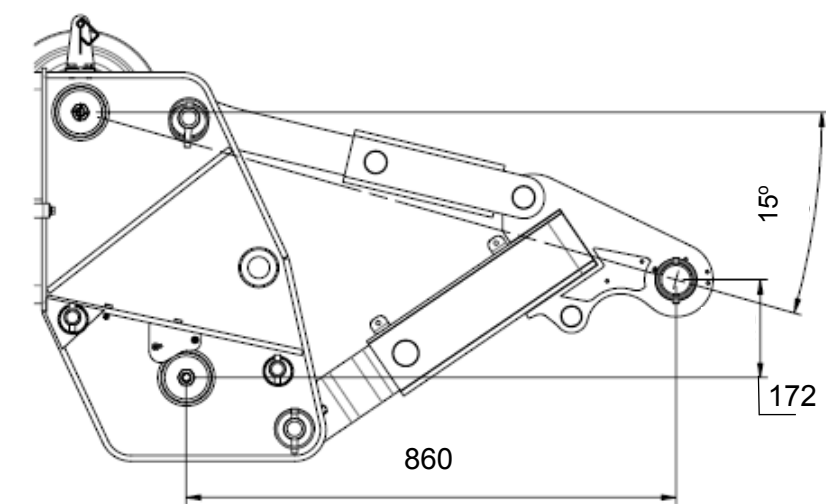
WORKING AREA DIAGRAM
MAC 25



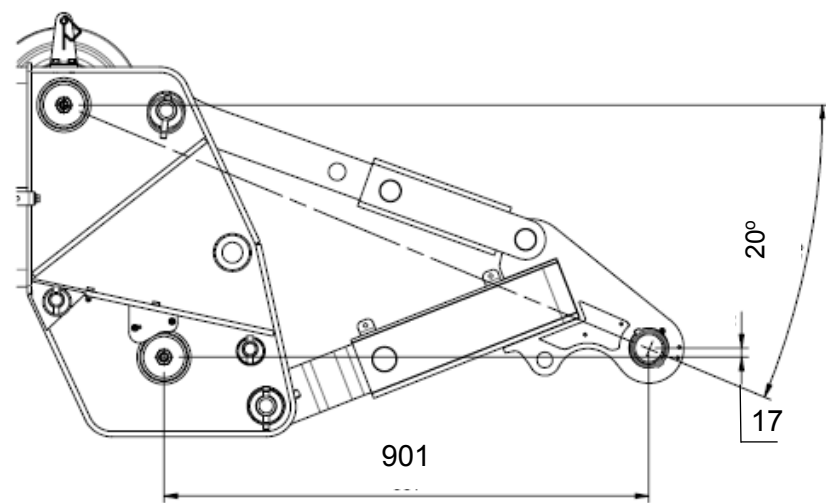
CRANE CONFIGURATION (RUNNER)



RUNNER 1



RUNNER 2



RUNNER 3

RATED CAPACITY CHARTS

DUTY NUMBERS AND COUNTERWEIGHT POSITIONS

The MAC 25 crane is fitted with a moveable counterweight which is stored on the front of the crane during travel. The counterweight is mounted at the rear of the crane to increase the rated capacity.

Crane lifting configuration (Duty) is designated in this Rated Capacity Manual by the use of a three digit number. The first digit represents position of the counterweight, the second two designate the lifting configuration being used.

Counterweight Position	Duties
No counterweight on the crane (0):	001
Front Counterweight (1):	101 - 134
Rear Counterweight (2):	201 – 234
Rear SL counterweight (3):	301 - 334

CHART RELATED INFORMATION

- Pitch and Roll angles: Rated capacity values in the charts for the MAC 25 crane at 25° & at 40° articulation have been calculated using pitch and roll values consistent with lifting on firm level ground.
- Red Line on charts: Rated Capacities above the red line are based on the machine's hydraulic or structural competence. Rated Capacities below the red line are based on machine stability.
- RC are based on firm level ground with tyres at specified pressures. (AS1418.5: 1% max side slope (0.6°)).

NOTE: In determining the load that can be lifted, the weight of hooks & other load handling devices (including the fall block) shall be **ADDED** to the load being lifted.

RATED CAPACITY CHART - FALL BLOCK

Duty: **001**

COUNTERWEIGHT NONE
POSITION: N.A.

Rad	BOOM LENGTH - 3rd BOOM RETRACTED													3rd BOOM EXTENDING				Rad
	6.12	6.50	7.00	7.50	8.00	8.50	9.00	9.50	10.00	11.00	12.00	13.00	14.00	15.00	16.00	17.00	18.42	
1.4	25000	25000	25000	25000	24500	23950	23550											1.4
	24600	24600	24550	24550	24550	24000	23600											
	49	52	56	58	61	63	65											
2.0	20450	20450	20400	20350	20300	20300	20250	20250	20200									2.0
	18400	18350	18300	18300	18250	18200	18200	18150	18150									
	41	45	49	52	55	58	60	62	64									
2.5	16050	16050	16050	16000	15950	15950	15900	15900	15900	15850								2.5
	15400	15400	15350	15350	15300	15300	15250	15250	15200	15200								
	14400	14400	14350	14350	14300	14300	14250	14250	14250	14200								
3.0	33	38	43	47	51	54	56	58	60	64								3.0
	13150	13150	13100	13100	13050	13050	13050	13000	13000	12950	12950							
	12600	12600	12550	12550	12500	12500	12500	12450	12450	12400	12400							
3.5	11750	11750	11750	11700	11700	11650	11650	11650	11600	11600	11050							3.5
	22	30	36	41	46	49	52	54	57	60	64							
	11050	11050	11000	11000	11000	11000	10950	10950	10950	10900	10900	10850						
4.0	10550	10550	10550	10550	10500	10500	10500	10450	10450	10450	10400	10400						4.0
	9850	9850	9850	9850	9800	9800	9800	9750	9750	9700	9600	8800						
	(3.5)	19	28	35	40	44	47	50	53	57	61	63						
5.0	9800	9450	9450	9450	9400	9400	9400	9400	9350	9350	9300	9300						5.0
	9350	9050	9050	9050	9000	9000	9000	8950	8950	8900	8900	8900						
	8750	8400	8400	8400	8400	8350	8350	8350	8300	8300	7800	7250						
6.0	(3.9)	18	27	34	39	43	46	49	54	58	61	63						6.0
	8500	7450	7250	7250	7250	7200	7200	7200	7200	7150	7150	7150	7200	7300	7350			
	8100	7100	6900	6900	6900	6900	6900	6850	6850	6800	6800	6800	6850	6950	7050			
7.0	7550	6600	6400	6400	6400	6400	6400	6400	6350	6350	6300	5850	5600	5400	5200			7.0
	(4.4)	(4.9)	17	26	32	37	40	46	51	55	58	61	63	65				
	6600	5900	5750	5750	5750	5750	5750	5750	5700	5700	5700	5750	5850	5900	6000			
8.0	6300	5600	5500	5500	5500	5450	5450	5450	5400	5400	5400	5500	5550	5650	5750			8.0
	5850	5200	5050	5050	5050	5050	5050	5050	5000	4900	4700	4550	4400	4200				
	(5.4)	(5.9)	16	24	30	38	44	49	53	56	59	61	64					
9.0	5300	4800	4700	4700	4700	4700	4650	4750	4800	4900	4950							9.0
	5050	4550	4450	4450	4450	4450	4450	4400	4300	4100	4100	4050	3900	3800	3650			
	4650	4200	4100	4100	4100	4100	4100	4050	4050	4000	3900	3800	3650					
10.0	(6.4)	(6.9)	15	29	37	42	47	51	54	57	60							10.0
	4350	3900	3900	3900	3900	3900	3900	3950	4050	4100	4200							
	4150	3700	3700	3700	3700	3700	3700	3750	3850	3900	4000							
11.0	3800	3400	3400	3400	3400	3400	3400	3450	3400	3300	3200							11.0
	(7.4)	14	27	35	41	45	49	52	56									
	3650	3300	3300	3300	3350	3450	3500	3600										
12.0	3450	3100	3100	3100	3150	3250	3300	3400										12.0
	3150	2850	2850	2850	2900	2950	2950	2850										
	(8.4)	14	26	34	39	44	47	52										
13.0	3100	2800	2800	2850	2950	3000	3100											13.0
	2900	2650	2650	2700	2800	2850	2950											
	2650	2400	2400	2450	2550	2600	2550											
14.0	(9.4)	13	25	33	38	42	47											14.0
	2650	2400	2450	2550	2600	2700												
	2450	2250	2300	2400	2450	2550												
15.0	2250	2000	2100	2150	2250	2300												15.0
	(10.4)	13	24	32	37	43												
	2250	2100	2200	2300	2350													
16.0	2100	2000	2050	2150	2200													16.0
	1900	1800	1850	1950	2000													
	(11.4)	12	24	31	38													
17.0	2000	1900	2000	2100														17.0
	1850	1800	1850	1950														
	1650	1600	1650	1750														
18.0	(12.4)	12	23	32														18.0
	1800	1750	1850															
	1500	1450	1550															
19.0	(13.4)	12	25															19.0
	1650	1600																
	1350	1350																
20.0	(14.4)	17																20.0
	1450																	
	1200																	
21.0	(15.8)																	21.0
	12.00	13.00	14.00	15.00	16.00	17.00	18.42											

WINCH RATED CAPACITY

SINGLE PART	4200
TWO PARTS	8400
FOUR PARTS	16800
SIX PARTS	25000

UNITS:

- ANGLES IN DEGREES
- LENGTHS IN METRES
- LOAD IN KILOGRAMS

KEY:

7300	RC @ ARTIC: 0°	PITCH: -2.3	ROLL: -1.0
6950	RC @ ARTIC: 25°	PITCH: -2.3	ROLL: -3.0
5400	RC @ ARTIC: 40°	PITCH: -2.3	ROLL: -3.5
63	BOOM ANGLE		
(5.4)	RADIUS AT ZERO BOOM ANGLE		

Note: Pitch & Roll angles indicated are representative of lifts based on firm level ground with tyres at specified pressures.

RATED CAPACITY CHART - FALL BLOCK

Duty: 101

**COUNTERWEIGHT
POSITION:**

**STANDARD
FRONT OF CRANE**

Rad	BOOM LENGTH - 3rd BOOM RETRACTED														3rd BOOM EXTENDING				Rad				
	6.12	6.50	7.00	7.50	8.00	8.50	9.00	9.50	10.00	11.00	12.00	13.00	14.00	15.00	16.00	17.00	18.42						
1.4	24000	23950	23950	23950	23900	23900	23550											1.4					
	23450	23450	23400	23400	23400	23350	23350																
	49	52	56	58	61	63	65																
2.0	20100	20050	20050	20000	19950	19950	19900	19850	19850									2.0					
	18050	18000	17950	17900	17900	17850	17850	17800	17800														
	41	45	49	52	55	58	60	62	64														
2.5	15800	15750	15750	15700	15700	15650	15650	15600	15600	15550								2.5					
	15100	15100	15050	15050	15000	15000	14950	14950	14950	14900													
	14150	14100	14100	14050	14050	14000	14000	13950	13950	13900													
	33	38	43	47	51	54	56	58	60	64													
3.0	12900	12900	12850	12850	12850	12800	12800	12750	12750	12700	12700							3.0					
	12350	12350	12300	12300	12300	12250	12250	12200	12200	12150	12150												
	11500	11500	11500	11450	11450	11400	11400	11350	11350	11300													
	22	30	36	41	46	49	52	54	57	60	64												
3.5	10850	10800	10800	10800	10800	10750	10750	10750	10700	10700	10650	10650						3.5					
	10350	10350	10350	10350	10300	10300	10300	10250	10250	10200	10200	10200											
	9650	9650	9650	9600	9600	9600	9550	9550	9500	9500	9100												
	(3.5)	19	28	35	40	44	47	50	53	57	61	63											
4.0		9600	9250	9250	9250	9250	9250	9200	9200	9150	9150	9150	9100					4.0					
		9200	8850	8850	8850	8850	8800	8800	8800	8750	8750	8700	8700										
		8550	8250	8250	8200	8200	8200	8200	8150	8150	8100	8050	7450										
		(3.9)	18	27	34	39	43	46	49	54	58	61	63										
5.0			8300	7300	7100	7100	7100	7050	7050	7050	7000	7000	7000	7050	7150	7250		5.0					
			7950	6950	6750	6750	6750	6750	6750	6700	6700	6700	6650	6750	6800	6900							
			7350	6450	6250	6250	6250	6250	6250	6200	6200	6200	6050	5800	5550	5350							
			(4.4)	(4.9)	17	26	32	37	40	46	51	55	58	61	63	65							
6.0					6450	5750	5650	5650	5650	5600	5600	5600	5600	5650	5700	5800	5900	6.0					
					6150	5500	5350	5350	5350	5350	5300	5300	5300	5350	5450	5500	5600						
					5700	5050	4950	4950	4950	4950	4900	4900	4900	4850	4700	4550	4350						
					(5.4)	(5.9)	16	24	30	38	44	49	53	56	59	61	64						
7.0							5200	4700	4600	4600	4600	4600	4550	4600	4700	4800	4850	7.0					
							4950	4450	4350	4350	4350	4350	4350	4400	4450	4550	4650						
							4550	4100	4000	4000	4000	4000	3950	4050	4050	3950	3800						
							(6.4)	(6.9)	15	29	37	42	47	51	54	57	60						
									4250	3800	3800	3800	3800	3850	3950	4000	4100	8.0					
									4050	3600	3600	3600	3600	3650	3750	3800	3900						
									3700	3300	3300	3300	3300	3350	3450	3450	3350						
									(7.4)	14	27	35	41	45	49	52	56						
											3550	3200	3200	3200	3250	3350	3400	3500	9.0				
											3350	3050	3050	3000	3100	3150	3250	3300					
											3050	2750	2750	2750	2800	2900	2950	2950					
											(8.4)	14	26	34	39	44	47	52					
													3000	2750	2750	2800	2850	2950	3000	10.0			
													2850	2550	2550	2600	2700	2750	2850				
													2550	2300	2300	2400	2450	2500	2600				
													(9.4)	13	25	33	38	42	47				
														2550	2350	2400	2500	2550	2650	11.0			
														2400	2200	2250	2350	2400	2500				
														2150	1950	2000	2100	2150	2250				
														(10.4)	13	24	32	37	43				
															2200	2050	2150	2200	2300	12.0			
															2050	1900	2000	2100	2150				
															1850	1700	1800	1850	1950				
															(11.4)	12	24	31	38				
																1950	1850	1950	2000	13.0			
																1800	1750	1800	1900				
																1600	1550	1600	1700				
																(12.4)	12	23	32				
																	1750	1700	1800	14.0			
																	1450	1400	1500				
																	(13.4)	12	25				
																		1600	1550	15.0			
																		1300	1300				
																		(14.4)	17				
																			1400	15.71			
																			1150				
																			(15.8)				
12.00																		13.00	14.00	15.00	16.00	17.00	18.42

WINCH RATED CAPACITY

SINGLE PART

4200

TWO PARTS

8400

FOUR PARTS

16800

SIX PARTS

25000

UNITS:

- ANGLES IN DEGREES

- LENGTHS IN METRES

- LOAD IN KILOGRAMS

KEY:

7150

RC @ ARTIC: 0°

PITCH: -2.3

ROLL: -1.0

6800

RC @ ARTIC: 25°

PITCH: -2.3

ROLL: -3.0

5550

RC @ ARTIC: 40°

PITCH: -2.3

ROLL: -3.5

63

BOOM ANGLE

(5.4)

RADIUS AT ZERO BOOM ANGLE

Note: Pitch & Roll angles indicated are representative of lifts based on firm level ground with tyres at specified pressures.

RATED CAPACITY CHART - RHINO HOOK

Duty: 102

COUNTERWEIGHT POSITION:

STANDARD FRONT OF CRANE

Rad	BOOM LENGTH - 3rd BOOM RETRACTED														3rd BOOM EXTENDING				Rad
	6.45	7.00	7.50	8.00	8.50	9.00	9.50	10.00	10.50	11.00	12.00	13.00	14.00	15.00	17.00	18.00	18.75		
1.4	15000	15000	15000	15000	15000	15000												1.4	
	15000	15000	15000	15000	15000	15000													
	52	56	59	61	64	65													
2.0	15000	15000	15000	15000	15000	15000	15000	15000										2.0	
	15000	15000	15000	15000	15000	15000	15000	15000											
	45	50	53	56	58	61	63	64											
2.5	15000	15000	15000	15000	15000	15000	15000	15000	15000	15000								2.5	
	15000	15000	15000	15000	15000	15000	15000	15000	15000	15000									
	14300	14250	14250	14200	14150	14150	14100	14100	14050	14050									
	38	44	48	51	54	57	59	61	63	64									
3.0	13050	13050	13000	12950	12950	12900	12900	12900	12850	12850	12800							3.0	
	12500	12500	12450	12400	12400	12350	12350	12350	12300	12300	12250								
	11700	11650	11650	11600	11550	11550	11500	11500	11500	11450	11450								
	29	37	42	46	49	52	55	57	59	61	64								
3.5	10950	10950	10950	10900	10900	10900	10850	10850	10800	10800	10750	10750						3.5	
	10500	10500	10450	10450	10450	10400	10400	10350	10350	10350	10300	10250							
	9800	9800	9750	9750	9700	9700	9700	9650	9650	9600	9600	9150							
	(3.8)	29	36	41	45	48	51	53	56	58	61	64							
4.0		9400	9400	9400	9350	9350	9300	9300	9300	9250	9250	9200	9200					4.0	
		9000	9000	8950	8950	8950	8900	8900	8850	8850	8850	8800	8800						
		8350	8350	8350	8300	8300	8300	8250	8250	8250	8200	8100	7550						
		(4.4)	28	34	39	43	47	49	52	54	58	61	64						
5.0			7400	7200	7200	7150	7150	7150	7100	7100	7050	7100	7250					5.0	
			7050	6850	6850	6850	6850	6800	6800	6800	6750	6750	6950						
			6550	6350	6350	6350	6350	6350	6300	6300	6300	6250	6150	5800	5400				
			(4.9)	(5.4)	26	32	37	41	44	47	52	55	58	61	65				
6.0					5850	5700	5700	5700	5700	5700	5650	5650	5650	5850	5900	5950		6.0	
					5600	5450	5450	5450	5450	5400	5400	5350	5400	5550	5600	5650			
					5150	5050	5050	5050	5050	5000	5000	4950	4950	4900	4550	4450	4350		
					(5.9)	(6.4)	25	31	35	39	45	49	53	56	61	63	65		
7.0							4750	4650	4650	4650	4650	4650	4650	4650	4800	4850	4900	7.0	
							4550	4450	4450	4450	4400	4400	4400	4400	4550	4650	4650		
							4150	4100	4100	4100	4050	4050	4050	3950	3850	3750			
							(6.9)	(7.4)	23	29	37	43	47	51	57	59	61		
																		8.0	
																		9.0	
																		10.0	
																		11.0	
																		12.0	
																		13.0	
																		14.0	
																		15.0	
																		16.1	
																		18.75	

UNITS:

- ANGLES IN DEGREES

- LENGTHS IN METRES

- LOAD IN KILOGRAMS

KEY:

7250

6950

5400

65

(5.9)

RC @ ARTIC: 0°

RC @ ARTIC: 25°

RC @ ARTIC: 40°

BOOM ANGLE

RADIUS AT ZERO BOOM ANGLE

PITCH: -2.3

PITCH: -2.3

PITCH: -2.3

ROLL: -1.0

ROLL: -3.0

ROLL: -3.5

Note:

Pitch & Roll angles indicated are representative of lifts based on firm level ground with tyres at specified pressures

RATED CAPACITY CHART - FLYJIB (3m)

COUNTERWEIGHT
POSITION:

STANDARD
FRONT OF CRANE

Duty: **105**

Duty: **106**

FLYJIB at 0° OFFSET

Duty: **105**

Rad	RC
6.1	1500
	1440
	65
7.8	1500
	1370
	60
9.3	1340
	1220
	55
10.8	1200
	1080
	50
12.2	1080
	1010
	45
13.5	970
	900
	40
14.7	900
	840
	35
15.7	850
	800
	30
16.6	800
	750
	25
17.3	770
	730
	20
17.9	760
	730
	15
18.3	750
	720
	10
18.6	750
	720
	5
18.7	750
	720
	0

FLYJIB at 12.5° OFFSET

Duty: **106**

Rad	RC
6.6	1500
	1440
	65
8.2	1500
	1370
	60
9.8	1340
	1220
	55
11.2	1200
	1080
	50
12.6	1080
	1010
	45
13.8	970
	900
	40
14.9	900
	840
	35
15.9	850
	800
	30
16.8	800
	750
	25
17.5	770
	730
	20
18.0	760
	730
	15
18.4	750
	720
	10
18.6	750
	720
	5
18.7	750
	720
	0

NOTE:

- RATED CAPACITY IS BASED ON THE STRENGTH OF THE FLYJIB ALONE - RC IS THE SAME FOR ALL BOOM LENGTHS.

UNITS:

- ANGLES IN DEGREES
- LENGTHS IN METRES
- LOAD IN KILOGRAMS

KEY:

970	RC @ ARTIC: 0°	PITCH: -2.3	ROLL: -1.0
900	RC @ ARTIC: 40°	PITCH: -2.3	ROLL: -3.5
40	Boom Angle		

Note: Pitch & Roll angles indicated are representative of lifts based on firm level ground with tyres at specified pressures.

RATED CAPACITY CHART

COUNTERWEIGHT
POSITION:

STANDARD
FRONT OF CRANE

Duty: **109**

Duty: **110**

MANBASKET

Duty: **109**

Rad	RC
6.0	275
	275
	65
7.5	275
	275
	60
9.0	275
	275
	55
10.3	275
	275
	50
11.6	275
	275
	45
12.8	275
	275
	40
13.8	275
	275
	35
14.7	275
	275
	30
15.5	275
	275
	25
16.1	275
	246
	20
16.6	275
	216
	15
17.0	275
	195
	10
17.2	275
	182
	5.0
17.3	264
	176
	0

FIXED LUG (BUTT)

Duty: **110**

Rad	RC
1.4	23600
	23050
	33
1.5	23200
	22600
	31
1.6	22800
	21900
	29
1.7	22400
	20500
	25.9
1.8	21550
	19250
	23
1.9	20300
	18100
	20
2.0	19150
	17100
	16
2.2	17400
	15500
	0

NOTE:

MANBASKET RATED CAPACITY INCLUDES ALL PERSONELL AND ALL EQUIPMENT.

UNITS:

- ANGLES IN DEGREES
- LENGTHS IN METRES
- LOAD IN KILOGRAMS

KEY:

275	RC @ ARTIC: 0°	PITCH: -2.3	ROLL: -1.0
216	RC @ ARTIC: 40°	PITCH: -2.3	ROLL: -3.5
15	Boom Angle		

Note: Pitch & Roll angles indicated are representative of lifts based on firm level ground with tyres at specified pressures.

RATED CAPACITY CHART - LUG 1

COUNTERWEIGHT
POSITION:

STANDARD
FRONT OF CRANE

Duty: **111**

Rad	BOOM LENGTH									Rad
	5.36	6.00	6.50	7.00	7.50	8.00	8.50	9.00	9.46	
1.4	23800	23650	23500	23400	23350	23250	23200	23150		1.4
	23250	23050	22950	22850	22750	22650	22600	21350		
	42	49	53	56	59	61	63	65		
2.0	19650	19250	19000	18800	18600	18400	18250	18100	18000	2.0
	17550	17200	16950	16700	16500	16350	16200	16050	15950	
	30	40	45	49	53	56	58	61	62	
2.5	15350	15050	14800	14650	14450	14300	14150	14050	13950	2.5
	14650	14350	14150	13950	13800	13650	13500	13400	13300	
	13700	13400	13150	12950	12800	12650	12500	12400	12300	
3.0	16	31	38	43	48	51	54	56	59	3.0
	13900	12200	12000	11850	11700	11550	11450	11350	11250	
	13300	11650	11450	11300	11150	11000	10900	10800	10700	
3.5	12350	10800	10650	10500	10300	10200	10050	9950	9850	3.5
	(2.7)	20	30	37	42	46	49	52	55	
		10600	10000	9850	9750	9600	9500	9400	9300	
4.0		10100	9550	9400	9250	9150	9000	8900	8850	4.0
		9400	8800	8700	8550	8450	8300	8200	8150	
		(3.4)	19	29	35	40	44	48	50	
5.0			8800	8350	8250	8150	8050	7950	7850	5.0
			8400	7950	7850	7700	7600	7550	7450	
			7750	7300	7200	7100	7000	6900	6850	
6.0			(3.9)	19	28	34	39	43	46	6.0
				7450	6350	6050	5950	5900	5800	
				7050	6000	5700	5650	5550	5500	
6.8				6500	5500	5200	5150	5050	5000	6.8
				(4.4)	(4.9)	17	26	32	36	
						5450	4700	4500	4450	
6.8						5150	4400	4250	4200	6.8
						4700	4000	3800	3750	
						(5.4)	(5.9)	16	24	
6.8								4100	3600	6.8
								3450	3000	
								(6.4)	(6.8)	
	5.36	6.00	6.50	7.00	7.50	8.00	8.50	9.00	9.50	

UNITS:

- ANGLES IN DEGREES
- LENGTHS IN METRES
- LOAD IN KILOGRAMS

KEY:

8150	RC @ ARTIC: 0°	PITCH: -2.3	ROLL: -1.0
7700	RC @ ARTIC: 25°	PITCH: -2.3	ROLL: -3.0
7100	RC @ ARTIC: 40°	PITCH: -2.3	ROLL: -3.5
34	BOOM ANGLE		
(3.9)	RADIUS AT ZERO BOOM ANGLE		

Note: Pitch & Roll angles indicated are representative of lifts based on firm level ground with tyres at specified pressures.

RATED CAPACITY CHART - LUG 2

Duty: **112**

COUNTERWEIGHT
POSITION:

STANDARD
FRONT OF CRANE

Rad	BOOM LENGTH													Rad
	5.57	6.50	7.00	7.50	8.00	8.50	9.00	9.50	10.00	11.00	12.00	13.00	13.77	
1.4	23850	23850	23800	23800	23800	23800	23800							1.4
	23300	23300	23300	23250	23250	23250	23250							
	44	52	56	59	61	63	65							
2.0	19750	19750	19750	19700	19700	19700	19650	19650	19650					2.0
	17700	17700	17650	17650	17650	17600	17600	17600	17600					
	33	45	49	53	55	58	60	62	64					
2.5	15500	15500	15500	15450	15450	15450	15450	15400	15400	15400				2.5
	14800	14800	14800	14800	14800	14800	14750	14750	14750	14750				
	13800	13850	13850	13800	13800	13800	13800	13750	13750	13750				
3.0	12900	12650	12650	12650	12600	12600	12600	12600	12600	12550	12550			3.0
	12300	12100	12100	12100	12050	12050	12050	12050	12050	12000	12000			
	11450	11250	11250	11250	11250	11250	11250	11200	11200	11200	11200			
3.5	(2.9)	30	36	41	46	49	52	54	57	61	64			3.5
		10600	10600	10600	10600	10600	10600	10550	10550	10550	10550			
		10100	10100	10150	10100	10100	10100	10100	10100	10100	10050	10050		
4.0		9400	9400	9400	9400	9400	9400	9400	9400	9350	9350	8950		4.0
		19	28	35	40	44	48	50	53	57	61	63		
		9400	9050	9050	9050	9050	9050	9050	9050	9050	9050	9000	9000	
5.0		8950	8650	8650	8650	8650	8650	8650	8650	8650	8600	8600	8600	5.0
		8300	8000	8050	8050	8050	8050	8050	8050	8000	8000	7900	7450	
		(3.9)	18	27	34	39	43	46	49	54	58	61	63	
6.0			8100	7100	6900	6950	6950	6950	6950	6900	6900	6900	6900	6.0
			7750	6800	6600	6600	6600	6600	6600	6600	6600	6550	6550	
			7150	6250	6100	6100	6100	6100	6100	6100	6100	6100	6050	
7.0			(4.4)	(4.9)	17	26	32	37	40	47	51	55	57	7.0
					6300	5600	5500	5500	5500	5500	5500	5500	5500	
					6000	5350	5200	5200	5250	5250	5200	5200	5200	
8.0					5550	4900	4800	4800	4800	4800	4800	4800	4800	8.0
					(5.4)	(5.9)	16	24	30	38	44	49	52	
							5050	4550	4450	4500	4500	4500	4500	
9.0							4800	4350	4250	4250	4250	4250	4250	9.0
							4400	3950	3900	3900	3900	3900	3900	
							(6.4)	(6.9)	15	29	37	43	46	
10.0									4150	3700	3700	3700	3700	10.0
									3900	3500	3500	3500	3500	
									3600	3200	3200	3200	3200	
11.0									(7.4)	14	27	35	40	11.0
										3450	3100	3150	3150	
										3250	2950	2950	2950	
11.1										2950	2650	2650	2650	11.1
										(8.4)	14	26	32	
											2900	2650	2650	
11.1											2750	2450	2500	11.1
											2450	2250	2250	
											(9.4)	13	23	
11.1												2450	2250	11.1
												2300	2100	
												2050	1850	
11.1												(10.4)	8	11.1
													2200	
													2050	
11.1													1800	11.1
													(11.1)	
	8.50	9.00	9.50	10.00	11.00	12.00	13.00	13.77						

UNITS:

- ANGLES IN DEGREES
- LENGTHS IN METRES
- LOAD IN KILOGRAMS

KEY:

6900	RC @ ARTIC: 0°	PITCH: -2.3	ROLL: -1.0
6600	RC @ ARTIC: 25°	PITCH: -2.3	ROLL: -3.0
6100	RC @ ARTIC: 40°	PITCH: -2.3	ROLL: -3.5
51	BOOM ANGLE		
(5.4)	RADIUS AT ZERO BOOM ANGLE		

Note: Pitch & Roll angles indicated are representative of lifts based on firm level ground with tyres at specified pressures.

RATED CAPACITY CHART - RUNNER 1 (0° OFFSET)

COUNTERWEIGHT: STANDARD
POSITION: FRONT OF CRANE

Hook

Duty: 127

Sheave

Duty: 130

Rad	BOOM LENGTH - 3rd BOOM RETRACTED													3rd BOOM EXTENDING				Rad
	7.02	7.50	8.00	8.50	9.00	9.50	10.00	10.50	11.00	12.00	13.00	14.00	15.00	16.00	17.00	18.00	19.32	
2.0																		2.0
2.5																		2.5
3.0	13200																	3.0
	12650																	
	11850																	
	32.8																	
3.5	11150	11100																3.5
	10700	10650																
	9950	9950																
	25	32																
4.0	9600	9550	9500															4.0
	9200	9150	9100															
	8550	8550	8500															
	15	24	31															
5.0	8650	8350	7350	7350	7300	7250												5.0
	8250	8000	7050	7000	6950	6950												
	7700	7450	6550	6500	6450	6450												
	(4.4)	(4.9)	14	23	29	34												
6.0			6750	6050	5850	5850	5800	5800										6.0
			6450	5750	5600	5550	5550	5500										
			6000	5350	5200	5150	5150	5100										
			(5.4)	(5.9)	13	22	28	32										
7.0					5450	4950	4800	4800	4750	4750								7.0
					5200	4700	4550	4550	4500	4500								
					4800	4350	4200	4200	4150	4150								
					(6.4)	(6.9)	13	21	26	34								
8.0							4500	4100	4000	3950	3950							8.0
							4250	3900	3800	3750	3750							
							3900	3550	3500	3450	3400							
							(7.4)	(7.9)	12	25	33							
									3750	3350	3350	3300						9.0
									3550	3200	3150	3150						
									3250	2900	2900	2850						
									(8.4)	12	24	32						
										3200	2850	2850	2850					10.0
										3000	2700	2700	2650					
										2750	2450	2450	2400					
										(9.4)	11	23	31					
											2700	2450	2450	2500	2550			11.0
											2550	2300	2300	2350	2400			
											2300	2100	2050	2100	2200			
											(10.4)	11	23	30	35			
												2350	2100	2150	2250	2300		12.0
												2200	2000	2050	2100	2150		
												1950	1800	1850	1900	1950		
												(11.4)	11	22	29	34		
													2000	1900	1950	2000	2100	13.0
													1900	1750	1850	1900	1950	
													1700	1600	1650	1700	1750	
													(12.4)	10	21	28	35	
														1800	1700	1800	1850	14.0
														1700	1600	1650	1750	
														1500	1450	1500	1550	
														(13.4)	10	21	29	
															1650	1550	1650	15.0
															1350	1300	1350	
															(14.4)	10	23	
																1500	1450	16.0
																1250	1200	
																(15.4)	14	
																	1350	16.68
																	1100	
																	(16.7)	
	13.00	14.00	15.00	16.00	17.00	18.00	19.32											

MAXIMUM RATED CAPACITY		Duty
SINGLE PART	4200	130
TWO PARTS	8400	130
HOOK	18000	127

UNITS:
- ANGLES IN DEGREES
- LENGTHS IN METRES
- LOAD IN KILOGRAMS

KEY:	RC @ ARTIC: 0°	PITCH: -2.3	ROLL: -1.0
5850	RC @ ARTIC: 25°	PITCH: -2.3	ROLL: -3.0
5600	RC @ ARTIC: 40°	PITCH: -2.3	ROLL: -3.5
5200	BOOM ANGLE		
13	RADIUS AT ZERO BOOM ANGLE		
(6.4)			

Note: Pitch & Roll angles indicated are representative of lifts based on firm level ground with tyres at specified pressures.

Duty: 128

COUNTERWEIGHT: STANDARD
POSITION: FRONT OF CRANE

Sheave

Duty: 131

Rad	BOOM LENGTH - 3rd BOOM RETRACTED														3rd BOOM EXTENDING				Rad
	6.98	7.50	8.00	8.50	9.00	9.50	10.00	10.50	11.00	12.00	13.00	14.00	15.00	16.00	17.00	18.00	19.28		
2.0	17450																		2.0
	16250																		
	47																		
2.5	16150	16100	16050																2.5
	14500	14450	14400																
	41	46	49																
3.0	13250	13200	13150	13100															3.0
	12700	12650	12600	12550															
	11900	11850	11800	11750															
	35	40	44	48															
3.5	11200	11150	11100	11050	11050	11000													3.5
	10700	10650	10650	10600	10550	10550													
	10000	9950	9900	9900	9850	9800													
	27	34	39	43	46	49													
4.0	9600	9600	9550	9500	9500	9450	9450												4.0
	9200	9150	9150	9100	9100	9050	9000												
	8600	8550	8500	8500	8450	8450	8400												
	16	26	33	38	42	45	48												
5.0	8700	8350	7350	7350	7350	7300	7300	7250	7250	7200									5.0
	8350	8000	7050	7000	7000	6950	6950	6950	6900	6850									
	7750	7450	6550	6500	6500	6500	6450	6450	6400	6400									
	(4.3)	(4.9)	16	25	31	35	39	43	46	50									
6.0			6750	6050	5850	5850	5850	5800	5800	5750	5750								6.0
			6450	5750	5600	5600	5550	5550	5550	5500	5450								
			6000	5350	5200	5150	5150	5150	5100	5100	5050								
			(5.4)	(5.9)	15	23	29	34	37	44	48								
7.0					5450	4900	4800	4800	4800	4750	4750	4700	4700						7.0
					5200	4700	4550	4550	4550	4500	4500	4450	4450						
					4800	4300	4200	4200	4200	4200	4150	4150	4100	4100					
					(6.4)	(6.9)	14	22	28	36	42	46	50						
8.0							4500	4100	4000	4000	3950	3950	3900	4000					8.0
							4250	3900	3800	3750	3750	3750	3700	3750					
							3900	3550	3500	3450	3450	3400	3400	3450					
							(7.4)	(7.9)	14	27	34	40	45	48					
							3750	3350	3350	3350	3300	3400	3450	3500				9.0	
							3550	3200	3150	3150	3150	3200	3250	3300					
							3250	2900	2900	2900	2850	2900	3000	3050					
							(8.4)	13	26	33	39	43	47	50					
							3150	2850	2850	2850	2900	2950	3050	3100				10.0	
							3000	2700	2700	2700	2750	2800	2850	2950					
							2750	2450	2450	2450	2500	2550	2600	2650					
							(9.4)	13	25	32	37	42	45	49					
							2700	2450	2450	2500	2600	2650	2700					11.0	
							2550	2300	2300	2350	2450	2500	2550						
							2300	2100	2100	2150	2200	2250	2350						
							(10.4)	12	24	31	36	41	45						
								2350	2100	2200	2250	2300	2350					12.0	
								2200	2000	2050	2100	2150	2250						
								1950	1800	1850	1900	1950	2050						
								(11.4)	12	23	30	35	40						
										2000	1900	1950	2050	2100				13.0	
										1850	1800	1850	1900	1950					
										1650	1600	1650	1700	1800					
										(12.4)	11	22	29	35					
											1800	1750	1800	1850				14.0	
											1700	1600	1650	1750					
											1500	1450	1500	1550					
											(13.4)	11	22	30					
												1650	1600	1650				15.0	
												1350	1300	1350					
												(14.4)	11	23					
													1500	1450					
													1250	1200				16.0	
														(15.4)	14				
															1350				
															1100				
															(16.6)			16.64	
											</								

Duty: 129

COUNTERWEIGHT: STANDARD
POSITION: FRONT OF CRANE

Sheave

Duty: 132

Rad	BOOM LENGTH - 3rd BOOM RETRACTED														3rd BOOM EXTENDING				Rad
	7.02	7.50	8.00	8.50	9.00	9.50	10.00	10.50	11.00	12.00	13.00	14.00	15.00	16.00	17.00	18.00	19.32		
2.0	15950	16500	17050															2.0	
	14900	15400	15900																
	49	52	55																
2.5	15150	15650	16100	16050														2.5	
	14250	14500	14450	14400															
	43	47	50	53															
3.0	13300	13250	13250	13200	13150	13100												3.0	
	12750	12700	12650	12650	12600	12550													
	11950	11900	11850	11800	11750	11750													
	36	41	45	49	52	54													
3.5	11250	11200	11150	11100	11100	11050	11000	11000										3.5	
	10750	10700	10700	10650	10600	10600	10550	10500											
	10050	10000	9950	9950	9900	9850	9850	9800											
	29	35	40	44	47	50	53	55											
4.0	9650	9650	9600	9550	9550	9500	9500	9450	9450									4.0	
	9250	9200	9200	9150	9100	9100	9050	9050	9000										
	8600	8600	8550	8550	8500	8450	8450	8400	8400										
	18	27	34	39	43	46	49	51	54										
5.0	8650	8400	7400	7400	7350	7350	7300	7300	7300	7250	7200							5.0	
	8250	8050	7050	7050	7050	7000	7000	6950	6950	6900	6900								
	7700	7500	6550	6550	6550	6500	6500	6450	6450	6400	6400								
	(4.4)	(4.9)	17	26	32	36	40	44	46	51	55								
6.0			6750	6050	5900	5850	5850	5850	5800	5750	5750							6.0	
			6450	5750	5600	5600	5600	5550	5550	5500	5450								
			6000	5350	5200	5200	5200	5150	5150	5100	5100	5050	5000						
			(5.4)	(5.9)	16	24	30	35	38	44	49	53	56						
7.0					5450	4950	4800	4800	4800	4750	4750	4700	4750					7.0	
					5200	4700	4600	4600	4550	4500	4500	4450	4450						
					4800	4350	4250	4200	4200	4200	4150	4150	4100	4150					
					(6.4)	(6.9)	15	23	29	37	42	47	51	54					
8.0							4500	4100	4000	4000	4000	3950	3950	4000	4050	4150		8.0	
							4250	3900	3800	3800	3750	3750	3750	3800	3850	3900			
							3900	3550	3500	3500	3450	3450	3450	3500	3500	3450			
							(7.4)	(7.9)	14	27	35	41	45	49	52	55			
9.0																		9.0	
10.0																		10.0	
11.0																		11.0	
12.0																		12.0	
13.0																		13.0	
14.0																		14.0	
15.0																		15.0	
16.0																		16.0	
16.68																		16.68	
19.32																		19.32	

MAXIMUM RATED CAPACITY

SINGLE PART

TWO PARTS

HOOK

4200

8400

18000

Duty

132

132

129

UNITS:

ANGLES IN DEGREES

LENGTHS IN METRES

LOAD IN KILOGRAMS

KEY:

5900

5600

5200

16

(6.4)

RC @ ARTIC: 0°

RC @ ARTIC: 25°

RC @ ARTIC: 40°

BOOM ANGLE

RADIUS AT ZERO BOOM ANGLE

PITCH: -2.3

PITCH: -2.3

PITCH: -2.3

ROLL: -1.0

ROLL: -3.0

ROLL: -3.5

Note:

Pitch & Roll angles indicated are representative of lifts based on firm level ground with tyres at specified pressures.

RATED CAPACITY - FLYJIB 1.5m (0° OFFSET)

Duty: **133**

COUNTERWEIGHT: STANDARD
POSITION: FRONT OF CRANE

Rad	BOOM LENGTH - 3rd BOOM RETRACTED														3rd BOOM EXTENDING				Rad	
	7.85	8.50	9.00	9.50	10.00	10.50	11.00	11.50	12.00	13.00	14.00	15.00	16.00	17.00	18.00	19.00	20.15			
2.5	1700	1800	1950	1950	1950	2150												2.5		
	1700	1800	1950	1950	1950	2150														
	49	53	55	57	59	61														
3.0	1600	1700	1800	1800	1950	1950	1950	2150										3.0		
	1600	1700	1800	1800	1950	1950	1950	2150												
	44	48	51	54	56	58	60	61												
3.5	1550	1600	1700	1700	1800	1800	1950	1950	1950									3.5		
	1550	1600	1700	1700	1800	1800	1950	1950	1950											
	1550	1600	1700	1700	1800	1800	1950	1950	1950											
	38	43	47	50	52	54	56	58	60											
4.0	1500	1550	1600	1700	1700	1800	1800	1800	1950	1950								4.0		
	1500	1550	1600	1700	1700	1800	1800	1800	1950	1950										
	1500	1550	1600	1700	1700	1800	1800	1800	1950	1950										
	32	38	42	45	48	51	53	55	57	60										
5.0	1450	1450	1500	1550	1550	1600	1700	1700	1800	1800	1950	2150						5.0		
	1450	1450	1500	1550	1550	1600	1700	1700	1800	1800	1950	2150								
	1450	1450	1500	1550	1550	1600	1700	1700	1800	1800	1950	1950								
	15	26	31	36	40	43	46	48	51	54	57	60								
6.0	1450	1450	1450	1450	1500	1550	1600	1600	1700	1800	1950	1950	2150	2150				6.0		
	1450	1450	1450	1450	1450	1500	1550	1600	1600	1700	1800	1950	1950	2150	2150					
	1450	1450	1450	1450	1450	1500	1550	1600	1600	1700	1800	1950	1950	2150	2150					
	(5.3)	(6.0)	17	24	30	34	38	41	44	48	52	55	58	60	62					
7.0			1450	1450	1450	1450	1450	1500	1550	1600	1700	1800	1800	1950	1950	2150	2150	7.0		
			1450	1450	1450	1450	1450	1500	1550	1600	1700	1800	1800	1950	1950	2150	2150			
			1450	1450	1450	1450	1450	1500	1550	1600	1700	1800	1800	1950	1950	2150	2150			
			(6.5)	(7.0)	16	23	28	33	36	42	47	50	53	56	58	60	63			
8.0					1450	1450	1450	1450	1450	1500	1600	1600	1700	1800	1800	1950	1950	8.0		
					1450	1450	1450	1450	1450	1500	1600	1600	1700	1800	1800	1950	1950			
					1450	1450	1450	1450	1450	1500	1600	1600	1700	1800	1800	1950	1950			
					(7.5)	(8.0)	15	22	27	35	40	45	48	52	54	57	59			
9.0							1450	1450	1450	1450	1500	1550	1600	1700	1800	1800	1950	9.0		
							1450	1450	1450	1450	1500	1550	1600	1700	1700	1800	1950			
							1450	1450	1450	1450	1500	1550	1600	1700	1700	1800	1950			
							(8.5)	(9.0)	15	26	34	39	43	47	50	53	55			
10.0									1450	1450	1450	1500	1550	1600	1700	1700	1800	10.0		
									1450	1450	1450	1500	1550	1600	1700	1700	1800			
									1450	1450	1450	1500	1550	1600	1700	1700	1800			
									(9.5)	14	25	32	38	42	46	49	52			
11.0											1450	1450	1500	1550	1600	1600	1700	11.0		
											1450	1450	1500	1550	1600	1600	1700			
											1450	1450	1450	1500	1550	1600	1700			
											(10.5)	14	24	31	37	41	44	48		
12.0													1450	1500	1550	1550	1600	12.0		
													1450	1450	1500	1550	1600			
													1450	1450	1450	1500	1600			
													(11.5)	13	24	30	35	40	44	
13.0															1450	1450	1500	13.0		
															1450	1450	1450	1500	1550	
															1450	1450	1450	1500	1550	
															(12.5)	13	23	29	34	39
14.0																	1450	1450	1500	14.0
																	1450	1450	1450	1500
																	1450	1400	1450	1500
															(13.5)	13	22	29	34	
15.0																	1450	1450	1450	15.0
																	1450	1450	1450	1450
																	1300	1250	1300	1350
																	(14.5)	12	22	29
16.0																	1450	1400	1450	16.0
																	1200	1150	1200	
																	(15.5)	12	22	
																		1300	1300	17.0
17.0																		1050	1050	
																		(16.5)	14	
																			1200	17.64
																			950	
17.64																			(17.6)	
Note: Pitch & Roll angles indicated are representative of lifts based on firm level ground with tyres at specified pressures.																				

UNITS:

- ANGLES IN DEGREES
- LENGTHS IN METRES
- LOAD IN KILOGRAMS

KEY:

1550	RC @ ARTIC: 0°	PITCH: -2.3	ROLL: -1.0
1550	RC @ ARTIC: 25°	PITCH: -2.3	ROLL: -3.0
1550	RC @ ARTIC: 40°	PITCH: -2.3	ROLL: -3.5
40	BOOM ANGLE		
(7.5)	RADIUS AT ZERO BOOM ANGLE		

Note: Pitch & Roll angles indicated are representative of lifts based on firm level ground with tyres at specified pressures.

RATED CAPACITY - FLYJIB 1.5m (12.5° OFFSET)

Duty: **134**

COUNTERWEIGHT: STANDARD
POSITION: FRONT OF CRANE

Rad	BOOM LENGTH - 3rd BOOM RETRACTED														3rd BOOM EXTENDING				Rad
	7.84	8.50	9.00	9.50	10.00	10.50	11.00	11.50	12.00	13.00	14.00	15.00	16.00	17.00	18.00	19.00	20.14		
2.5	1800	1800	1950	1950	2150	2150												2.5	
	1800	1800	1950	1950	2150	2150													
	51	55	57	60	61	63													
3.0	1700	1800	1800	1950	1950	1950	2150	2150										3.0	
	1700	1800	1800	1950	1950	1950	2150	2150											
	46	50	53	56	58	60	61	63											
3.5	1600	1700	1700	1800	1800	1950	1950	1950	2150									3.5	
	1600	1700	1700	1800	1800	1950	1950	1950	2150										
	1600	1700	1700	1800	1800	1950	1950	1950	2150										
	40	46	49	52	54	56	58	60	61										
4.0	1500	1600	1600	1700	1800	1800	1800	1950	1950	2150								4.0	
	1500	1600	1600	1700	1800	1800	1800	1950	1950	2150									
	1500	1600	1600	1700	1800	1800	1800	1950	1950	2150									
	34	40	44	47	50	53	55	57	58	61									
5.0	1450	1450	1500	1550	1600	1600	1700	1700	1800	1950	1950	2150						5.0	
	1450	1450	1500	1550	1600	1600	1700	1700	1800	1950	1950	2150							
	1450	1450	1500	1550	1600	1600	1700	1700	1800	1950	1950	2150							
	16	28	34	38	42	45	48	50	52	56	59	62							
6.0	1450	1450	1450	1450	1500	1550	1550	1600	1700	1700	1800	1950	1950	2150	2150			6.0	
	1450	1450	1450	1450	1500	1550	1550	1600	1700	1700	1800	1950	1950	2150	2150				
	1450	1450	1450	1450	1500	1550	1550	1600	1700	1700	1800	1950	1950	2150	2150				
	(5.3)	(6.0)	19	26	32	36	40	43	45	50	54	57	59	62	64				
7.0			1450	1450	1450	1450	1500	1500	1550	1600	1700	1800	1800	1950	1950	2150	2150	7.0	
			1450	1450	1450	1450	1500	1500	1550	1600	1700	1800	1800	1950	1950	2150	2150		
			1450	1450	1450	1450	1500	1500	1550	1600	1700	1800	1800	1950	1950	2150	2150		
			(6.5)	(7.0)	18	25	30	34	38	43	48	52	55	57	60	62	64		
8.0					1450	1450	1450	1450	1450	1550	1600	1700	1700	1800	1950	1950	1950	8.0	
					1450	1450	1450	1450	1450	1550	1600	1700	1700	1800	1950	1950	1950		
					1450	1450	1450	1450	1450	1550	1600	1700	1700	1800	1950	1950	1950		
					(7.5)	(8.0)	17	24	29	36	42	46	50	53	55	58	60		
9.0							1450	1450	1450	1450	1500	1600	1600	1700	1800	1800	1950	9.0	
							1450	1450	1450	1450	1500	1600	1600	1700	1800	1800	1950		
							1450	1450	1450	1450	1500	1600	1600	1700	1800	1800	1950		
							(8.5)	(9.0)	16	28	35	40	45	48	51	54	56		
10.0									1450	1450	1450	1500	1550	1600	1700	1700	1800	10.0	
									1450	1450	1450	1500	1550	1600	1700	1700	1800		
									1450	1450	1450	1500	1550	1600	1700	1700	1800		
									(9.5)	16	27	34	39	43	47	50	53		
11.0											1450	1450	1500	1550	1600	1700	1700	11.0	
											1450	1450	1450	1500	1550	1600	1700		1700
											1450	1450	1450	1500	1550	1600	1700		1700
											(10.5)	15	26	32	38	42	45		49
12.0												1450	1450	1450	1500	1550	1600	1600	12.0
												1450	1450	1450	1500	1550	1600	1600	
												1450	1450	1450	1500	1550	1600	1600	
											(11.5)	15	25	31	37	41	44		
13.0													1450	1450	1450	1500	1550	1550	13.0
													1450	1450	1450	1500	1550	1550	
													1450	1450	1450	1500	1550	1550	
											(12.5)	14	24	31	35	40			
14.0														1450	1450	1450	1450	1550	14.0
														1450	1450	1450	1450	1550	
														1450	1400	1450	1450	1550	
											(13.5)	14	23	30	35				
15.0															1450	1450	1450	1450	15.0
															1450	1450	1450	1450	
															1300	1250	1350	1400	
														(14.5)	13	23	30		
16.0																1450	1400	1450	16.0
																1200	1150	1200	
																(15.5)	13	23	
																1300	1300		
17.0																	1050	1050	17.0
																	(16.5)	14	
																	1200		
																	950		
17.63																		(17.6)	17.63
	14.00	15.00	16.00	17.00	18.00	19.00	20.14												

UNITS:

-

ANGLES IN DEGREES

-

LENGTHS IN METRES

-

LOAD IN KILOGRAMS

KEY:

1600

RC @ ARTIC: 0°

1600

RC @ ARTIC: 25°

1600

RC @ ARTIC: 40°

42

BOOM ANGLE

7.5

RADIUS AT ZERO BOOM ANGLE

PITCH: -2.3

PITCH: -2.3

PITCH: -2.3

ROLL: -1.0

ROLL: -3.0

ROLL: -3.5

Note:

Pitch & Roll angles indicated are representative of lifts based on firm level ground with tyres at specified pressures.

UNITS:

- ANGLES IN DEGREES
- LENGTHS IN METRES
- LOAD IN KILOGRAMS

KEY:

1600	RC @ ARTIC: 0°	PITCH: -2.3	ROLL: -1.0
1600	RC @ ARTIC: 25°	PITCH: -2.3	ROLL: -3.0
1600	RC @ ARTIC: 40°	PITCH: -2.3	ROLL: -3.5
42	BOOM ANGLE		
(7.5)	RADIUS AT ZERO BOOM ANGLE		

Note: Pitch & Roll angles indicated are representative of lifts based on firm level ground with tyres at specified pressures.

RATED CAPACITY CHART - FALL BLOCK

Duty: **201**

COUNTERWEIGHT
POSITION:
STANDARD
REAR OF CRANE

Rad	BOOM LENGTH - 3rd BOOM RETRACTED													3rd BOOM EXTENDING				Rad
	6.12	6.50	7.00	7.50	8.00	8.50	9.00	9.50	10.00	11.00	12.00	13.00	14.00	15.00	16.00	17.00	18.42	
1.4	25000	25000	25000	25000	24500	23950	23550											1.4
	24800	24800	24800	24750	24550	24000	23600											
	49	52	56	58	61	63	65											
2.0	22950	22950	22900	22900	22850	22800	22800	22750	22750									2.0
	20550	20550	20500	20450	20450	20400	20350	20350	20300									
	41	45	49	52	55	58	60	62	64									
2.5	18100	18100	18050	18000	18000	17950	17950	17900	17900	17850								2.5
	17300	17300	17250	17250	17200	17200	17150	17150	17100									
	16150	16150	16100	16100	16050	16050	16000	16000	15950	15100								
3.0	33	38	43	47	51	54	56	58	60	64								3.0
	14800	14800	14800	14800	14750	14750	14700	14700	14700	14650	14550							
	14200	14150	14150	14150	14100	14100	14050	14050	14050	14000	13450							
3.5	13200	13200	13200	13150	13150	13100	13100	13050	13050	12650	11450							3.5
	22	30	36	41	46	49	52	54	57	60	64							
	12500	12450	12450	12450	12450	12400	12400	12400	12350	12350	12300	12300						
4.0	11950	11900	11900	11900	11900	11850	11850	11850	11800	11800	11750	11600						4.0
	11100	11100	11100	11050	11050	11050	11000	11000	11000	10850	9900	9100						
	(3.5)	19	28	35	40	44	47	50	53	57	61	63						
5.0	11100	10700	10700	10700	10700	10650	10650	10650	10600	10600	10600	10550						5.0
	10600	10200	10200	10200	10200	10200	10150	10150	10150	10100	10100	10100						
	9850	9500	9500	9500	9500	9450	9450	9450	9400	8750	8050	7500						
6.0	(3.9)	18	27	34	39	43	46	49	54	58	61	63						6.0
		9650	8500	8250	8250	8250	8250	8200	8200	8150	8150	8200	8300	8400				
		9200	8100	7850	7850	7850	7850	7800	7800	7750	7850	7900	7950					
7.0		8550	7500	7250	7250	7250	7250	7250	7250	7050	6500	6100	5800	5600	5400			7.0
		(4.4)	(4.9)	17	26	32	37	40	46	51	55	58	61	63	65			
				7550	6750	6600	6600	6600	6600	6550	6550	6550	6600	6700	6750	6850		
8.0				7200	6450	6250	6250	6250	6250	6250	6250	6200	6300	6350	6450	6400		8.0
				6650	5950	5800	5800	5800	5800	5750	5450	5100	4850	4700	4550	4400		
				(5.4)	(5.9)	16	24	30	38	44	49	53	56	59	61	64		
9.0				6100	5550	5400	5400	5400	5400	5400	5400	5450	5550	5600	5700			9.0
				5800	5250	5150	5150	5150	5100	5100	5150	5250	5350	5400				
				5350	4850	4750	4750	4700	4700	4350	4200	4050	3950	3800				
10.0				(6.4)	(6.9)	15	29	37	42	47	51	54	57	60				10.0
				5050	4550	4550	4550	4550	4550	4600	4650	4750	4800					
				4800	4300	4300	4300	4300	4300	4350	4400	4500	4600					
11.0				4400	3950	3950	3950	3850	3650	3550	3450	3350						11.0
				(7.4)	14	27	35	41	45	49	52	56						
				4250	3850	3850	3850	3900	4000	4050	4150							
12.0				4000	3650	3650	3650	3700	3750	3850	3950							12.0
				3650	3300	3300	3300	3250	3150	3050	2950							
				(8.4)	14	26	34	39	44	47	52							
13.0				3600	3300	3300	3350	3450	3500	3600								13.0
				3400	3100	3100	3150	3250	3300	3400								
				3100	2800	2800	2900	2850	2750	2650								
14.0				(9.4)	13	25	33	38	42	47								14.0
				3100	2850	2900	3000	3050	3150									
				2950	2700	2750	2850	2900	3000									
15.0				2650	2400	2500	2550	2650	2700	2800								15.0
				(10.4)	13	24	32	37	43									
				2700	2550	2650	2700	2800										
16.0				2550	2400	2450	2550	2600										16.0
				2250	2150	2200	2300	2200										
				(11.4)	12	24	31	38										
17.0				2400	2300	2400	2450											17.0
				2250	2150	2250	2300											
				2000	1950	2000	2050											
18.0				(12.4)	12	23	32											18.0
				2200	2100	2200												
				1850	1750	1850												
19.0				(13.4)	12	25												19.0
				2000	1950													
				1650	1650													
20.0				(14.4)	17													20.0
				1800														
				1450														
21.0				(15.8)														21.0
22.0																		22.0
23.0																		23.0
24.0																		24.0
25.0																		25.0
26.0																		26.0
27.0																		27.0
28.0																		28.0
29.0																		29.0
30.0																		30.0

RATED CAPACITY CHART - RHINO HOOK

Duty: **202**

COUNTERWEIGHT
POSITION:

STANDARD
REAR OF CRANE

Rad	BOOM LENGTH - 3rd BOOM RETRACTED														3rd BOOM EXTENDING				Rad
	6.45	7.00	7.50	8.00	8.50	9.00	9.50	10.00	10.50	11.00	12.00	13.00	14.00	15.00	17.00	18.00	18.75		
1.4	15000	15000	15000	15000	15000	15000												1.4	
	15000	15000	15000	15000	15000	15000													
	52	56	59	61	64	65													
2.0	15000	15000	15000	15000	15000	15000	15000	15000										2.0	
	15000	15000	15000	15000	15000	15000	15000	15000	15000										
	45	50	53	56	58	61	63	64											
2.5	15000	15000	15000	15000	15000	15000	15000	15000	15000	15000								2.5	
	15000	15000	15000	15000	15000	15000	15000	15000	15000	15000	15000								
	15000	15000	15000	15000	15000	15000	15000	15000	15000	15000	15000								
3.0	38	44	48	51	54	57	59	61	63	64								3.0	
	15000	14950	14950	14900	14900	14850	14850	14800	14800	14750	14300								
	14350	14300	14300	14250	14250	14200	14200	14150	14150	14100	13300								
3.5	13350	13350	13300	13300	13250	13250	13200	13200	13150	12750	11550								
	29	37	42	46	49	52	55	57	59	61	64								
	12600	12600	12600	12550	12550	12550	12500	12500	12450	12450	12400	12350						3.5	
4.0	12050	12050	12050	12000	12000	11950	11950	11950	11900	11900	11850	11550							
	11250	11250	11200	11200	11150	11150	11100	11100	11100	11000	10000	9200							
	(3.8)	29	36	41	45	48	51	53	56	58	61	64							
4.0		10850	10850	10800	10800	10800	10750	10750	10750	10700	10700	10650	10650					4.0	
		10350	10350	10350	10300	10300	10300	10250	10250	10250	10200	10200	10100						
		9650	9650	9600	9600	9550	9550	9550	9500	9500	8800	8150	7600						
5.0		(4.4)	28	34	39	43	47	49	52	54	58	61	64						
			8600	8350	8350	8350	8300	8300	8300	8300	8250	8250	8200	8250	8400			5.0	
			8200	7950	7950	7950	7950	7900	7900	7900	7850	7850	7850	7850	7900				
6.0			7600	7400	7400	7350	7350	7350	7350	7300	7100	6600	6150	5800	5400				
			(4.9)	(5.4)	26	32	37	41	44	47	52	55	58	61	65				
					6850	6700	6700	6700	6650	6650	6650	6600	6600	6650	6800	6850	6850	6.0	
7.0					6500	6350	6350	6350	6350	6350	6300	6300	6300	6300	6450	6550	6300		
					6050	5900	5900	5850	5850	5850	5850	5550	5150	4900	4600	4450	4350		
					(5.9)	(6.4)	25	31	35	39	45	49	53	56	61	63	65		
8.0					5600	5500	5500	5500	5500	5500	5450	5450	5500	5650	5700	5750		7.0	
					5350	5200	5200	5200	5200	5200	5200	5200	5200	5200	5350	5400	5450		
					4900	4800	4800	4800	4800	4800	4750	4450	4200	3950	3850	3800			
9.0					(6.9)	(7.4)	23	29	37	43	47	51	57	59	61				
							4700	4600	4600	4600	4600	4600	4750	4800	4850			8.0	
							4450	4350	4350	4350	4350	4350	4500	4600	4600				
10.0							4100	4000	4000	4000	3900	3700	3450	3400	3300				
							(7.9)	15	28	35	41	46	52	55	57				
								4300	3900	3900	3900	3950	4100	4150	4200			9.0	
11.0								4100	3700	3700	3700	3700	3850	3900	3950				
								3750	3350	3400	3350	3300	3100	3000	2950				
								(8.4)	14	27	34	40	48	51	53				
12.0								3700	3350	3350	3400	3550	3600	3650				10.0	
								3450	3150	3150	3200	3350	3400	3450					
								3150	2850	2900	2900	2750	2700	2650					
13.0								(9.4)	14	26	33	43	46	48					
									3150	2900	2950	3100	3150	3200				11.0	
									3000	2750	2750	2900	2950	3000					
14.0									2700	2450	2500	2500	2450	2400					
									(10.4)	13	25	37	41	44					
										2750	2550	2700	2750	2800				12.0	
15.0										2600	2400	2550	2600	2650					
										2300	2150	2300	2250	2200					
										(11.4)	13	31	36	39					
16.1											2400	2400	2450	2500					
											2250	2250	2300	2350					
											2050	2000	2100	2050					
17.0											(12.4)	23	30	34					
												2100	2200	2200				14.0	
												1750	1850	1900					
18.0												(14.4)	22	28					
													1950	2000				15.0	
													1600	1650					
19.0													(15.4)	20					
														1750				16.1	
														1450					
20.0													(16.1)						

UNITS:

- ANGLES IN DEGREES
- LENGTHS IN METRES
- LOAD IN KILOGRAMS

KEY:

8400	RC @ ARTIC: 0°	PITCH: -2.3	ROLL: -1.0
7900	RC @ ARTIC: 25°	PITCH: -2.3	ROLL: -3.0
5400	RC @ ARTIC: 40°	PITCH: -2.3	ROLL: -3.5
65	BOOM ANGLE		
(5.9)	RADIUS AT ZERO BOOM ANGLE		

Note: Pitch & Roll angles indicated are representative of lifts based on firm level ground with tyres at specified pressures.

RATED CAPACITY CHART - FLYJIB 3m

COUNTERWEIGHT
POSITION:

STANDARD
REAR OF CRANE

Duty: **205**

Duty: **206**

FLYJIB at 0° OFFSET

Duty: **205**

Rad	RC
6.1	1500
	1440
	65
7.8	1500
	1370
	60
9.3	1340
	1220
	55
10.8	1200
	1080
	50
12.2	1080
	1010
	45
13.5	970
	900
	40
14.7	900
	840
	35
15.7	850
	800
	30
16.6	800
	750
	25
17.3	770
	730
	20
17.9	760
	730
	15
18.3	750
	720
	10
18.6	750
	720
	5
18.7	750
	720
	0

FLYJIB at 12.5° OFFSET

Duty: **206**

Rad	RC
6.6	1500
	1440
	65
8.2	1500
	1370
	60
9.8	1340
	1220
	55
11.2	1200
	1080
	50
12.6	1080
	1010
	45
13.8	970
	900
	40
14.9	900
	840
	35
15.9	850
	800
	30
16.8	800
	750
	25
17.5	770
	730
	20
18.0	760
	730
	15
18.4	750
	720
	10
18.6	750
	720
	5
18.7	750
	720
	0

NOTE:

- RATED CAPACITY IS BASED ON THE STRENGTH OF THE FLYJIB ALONE - RC IS THE SAME FOR ALL BOOM LENGTHS.

UNITS:

- ANGLES IN DEGREES
- LENGTHS IN METRES
- LOAD IN KILOGRAMS

KEY:

970	RC @ ARTIC: 0°	PITCH: -2.3	ROLL: -1.0
900	RC @ ARTIC: 40°	PITCH: -2.3	ROLL: -3.5
40	Boom Angle		

Note: Pitch & Roll angles indicated are representative of lifts based on firm level ground with tyres at specified pressures.

RATED CAPACITY CHART

COUNTERWEIGHT
POSITION:

STANDARD
REAR OF CRANE

Duty: **209**

Duty: **210**

MANBASKET

Duty: **209**

Rad	RC
6.0	275
	275
	65
7.5	275
	275
	60
9.0	275
	275
	55
10.3	275
	275
	50
11.6	275
	275
	45
12.8	275
	275
	40
13.8	275
	275
	35
14.7	275
	275
	30
15.5	275
	275
	25
16.1	275
	275
	20
16.6	275
	275
	15
17.0	275
	275
	10
17.2	275
	275
	5
17.3	275
	275
	0

FIXED LUG (BUTT)

Duty: **210**

Rad	RC
1.4	25000
	24400
	33
1.5	24600
	23950
	31
1.6	24150
	23500
	29
1.7	23750
	23050
	26
1.8	23300
	22050
	23.0
1.9	22900
	20800
	19.7
2.0	22050
	19600
	16
2.2	20100
	17850
	0

NOTE:

MANBASKET RATED CAPACITY INCLUDES ALL PERSONELL AND ALL EQUIPMENT.

UNITS:

- ANGLES IN DEGREES
- LENGTHS IN METRES
- LOAD IN KILOGRAMS

KEY:

275	RC @ ARTIC: 0°	PITCH: -2.3	ROLL: -1.0
275	RC @ ARTIC: 40°	PITCH: -2.3	ROLL: -3.5
0	Boom Angle		

Note: Pitch & Roll angles indicated are representative of lifts based on firm level ground with tyres at specified pressures.

RATED CAPACITY CHART - LUG 1

COUNTERWEIGHT
POSITION:

STANDARD
REAR OF CRANE

Duty: **211**

Rad	BOOM LENGTH									Rad
	5.36	6.00	6.50	7.00	7.50	8.00	8.50	9.00	9.46	
1.4	25000	25000	24950	24850	24750	24650	24600	23300		1.4
	24600	24450	24300	24200	24100	24000	23250	21350		
	42	49	53	56	59	61	63	65		
2.0	22550	22150	21900	21650	21450	21300	21150	20800	19450	2.0
	20100	19750	19450	19250	19050	18900	18700	18600	17900	
	30	40	45	49	53	56	58	61	62	
2.5	17650	17350	17150	16950	16750	16600	16500	16350	16250	2.5
	16850	16550	16350	16150	16000	15850	15700	15600	15500	
	15700	15400	15200	15000	14850	14700	14550	14450	14300	
3.0	16	31	38	43	48	51	54	56	59	3.0
	16000	14150	13950	13800	13650	13500	13350	13250	13150	
	15300	13500	13300	13150	13000	12850	12750	12600	12550	
3.5	14250	12500	12350	12150	12000	11900	11750	11650	11550	3.5
	(2.7)	20	30	37	42	46	49	52	55	
4.0										4.0
5.0										5.0
6.0										6.0
6.8										6.8
	5.36	6.00	6.50	7.00	7.50	8.00	8.50	9.00	9.50	

UNITS:

- ANGLES IN DEGREES
- LENGTHS IN METRES
- LOAD IN KILOGRAMS

KEY:

9600	RC @ ARTIC: 0°	PITCH: -2.3	ROLL: -1.0
9100	RC @ ARTIC: 25°	PITCH: -2.3	ROLL: -3.0
8350	RC @ ARTIC: 40°	PITCH: -2.3	ROLL: -3.5
34	BOOM ANGLE		
(3.9)	RADIUS AT ZERO BOOM ANGLE		

Note: Pitch & Roll angles indicated are representative of lifts based on firm level ground with tyres at specified pressures.

RATED CAPACITY CHART - LUG 2

Duty: **212**

COUNTERWEIGHT
POSITION:

STANDARD
REAR OF CRANE

Rad	BOOM LENGTH													Rad	
	5.57	6.50	7.00	7.50	8.00	8.50	9.00	9.50	10.00	11.00	12.00	13.00	13.77		
1.4	25000	25000	25000	25000	25000	25000	25000							1.4	
	24650	24650	24650	24650	24650	24600	24600								
	44	52	56	59	61	63	65								
2.0	22650	22650	22650	22600	22600	22600	22550	22550	22550					2.0	
	20250	20200	20200	20200	20150	20150	20150	20150	20100						
	33	45	49	53	55	58	60	62	64						
2.5	17800	17800	17800	17800	17750	17750	17750	17750	17750	16850				2.5	
	17000	17000	17000	17000	17000	17000	16950	16950	16950	15700					
	15850	15850	15850	15850	15850	15800	15800	15800	15800	14850					
3.0	22	38	43	47	51	54	56	58	60	64				3.0	
	14850	14550	14550	14550	14550	14550	14550	14500	14500	14500	14150				
	14200	13900	13900	13900	13900	13900	13900	13900	13850	13850	13200				
3.5	13200	12950	12950	12950	12950	12950	12900	12900	12900	12400	11250			3.5	
	(2.9)	30	36	41	46	49	52	54	57	61	64				
4.0		12250	12250	12250	12250	12250	12250	12250	12200	12200	12200	12200		4.0	
		11700	11700	11700	11700	11700	11700	11650	11650	11650	11650	11400			
		10850	10850	10850	10850	10850	10850	10850	10850	10650	9750	8950			
5.0		19	28	35	40	44	48	50	53	57	61	63		5.0	
		10900	10500	10500	10500	10500	10500	10500	10500	10500	10500	10450	10450		
		10400	10000	10050	10050	10050	10050	10000	10000	10000	10000	10000	10000		
6.0		9650	9300	9300	9300	9300	9300	9300	9300	9300	8550	7900	7500	6.0	
		(3.9)	18	27	34	39	43	46	49	54	58	61	63		
7.0			9450	8300	8050	8100	8100	8100	8100	8100	8050	8050	8050	7.0	
			9000	7900	7700	7700	7700	7700	7700	7700	7700	7650	7650		
			8350	7300	7100	7100	7100	7100	7100	7100	6900	6400	6050		
8.0			(4.4)	(4.9)	17	26	32	37	40	47	51	55	57	8.0	
					7400	6600	6450	6450	6450	6450	6450	6450	6450		
					7000	6300	6150	6150	6150	6150	6150	6150	6150		
9.0					6500	5800	5650	5650	5650	5650	5650	5350	5050	9.0	
					(5.4)	(5.9)	16	24	30	38	44	49	52		
							5950	5400	5300	5300	5300	5300	5300		
10.0							5650	5150	5000	5050	5050	5050	5050	10.0	
							5200	4700	4600	4600	4600	4600	4350		
							(6.4)	(6.9)	15	29	37	43	46		
11.0									4950	4450	4450	4450	4450	11.0	
									4650	4200	4200	4200	4200		
									4250	3850	3850	3850	3800		
12.0									(7.4)	14	27	35	40	12.0	
										4150	3750	3750	3750		
										3900	3550	3550	3550		
13.0										3550	3200	3250	3250	13.0	
										(8.4)	14	26	32		
											3550	3200	3250		
14.0											3300	3000	3050	14.0	
											3000	2750	2750		
											(9.4)	13	23		
15.0												3050	2750	15.0	
												2850	2600		
												2550	2350		
16.0												(10.4)	8	16.0	
													2700		
													2550		
17.0													2250	17.0	
													(11.1)		

RATED CAPACITY CHART - RUNNER 1 (0° OFFSET)

COUNTERWEIGHT: STANDARD
POSITION: REAR OF CRANE

Hook

Duty: 227

Sheave

Duty: 230

Rad	BOOM LENGTH - 3rd BOOM RETRACTED														3rd BOOM EXTENDING				Rad
	7.02	7.50	8.00	8.50	9.00	9.50	10.00	10.50	11.00	12.00	13.00	14.00	15.00	16.00	17.00	18.00	19.32		
2.0																		2.0	
2.5																		2.5	
3.0	15150																	3.0	
	14500																		
	13550																		
	33																		
3.5	12800	12750																3.5	
	12250	12200																	
	11400	11350																	
	25	32																	
4.0	11050	11000	10950															4.0	
	10550	10500	10500																
	9850	9800	9750																
	15	24	31																
5.0	9950	9650	8500	8500	8450	8450												5.0	
	9550	9200	8150	8100	8050	8050													
	8850	8550	7550	7500	7500	7450													
	(4.4)	(4.9)	14	23	29	34													
6.0			7850	7050	6850	6800	6800	6750										6.0	
			7500	6700	6500	6500	6450	6450											
			6950	6200	6000	6000	6000	5950											
			(5.4)	(5.9)	13	22	28	32											
7.0					6350	5750	5600	5600	5600	5550								7.0	
					6050	5500	5350	5350	5300	5300									
					5600	5050	4950	4900	4900	4850									
					(6.4)	(6.9)	13	21	26	34									
8.0							5250	4850	4700	4700	4650							8.0	
							5000	4600	4450	4450	4400								
							4600	4200	4100	4100	4050								
							(7.4)	(7.9)	12	25	33								
									4450	4000	4000	3950						9.0	
									4200	3800	3750	3750							
									3850	3450	3450	3450							
									(8.4)	12	24	32							
										3800	3450	3450	3400					10.0	
										3600	3250	3250	3200						
										3300	2950	2950	2950						
										(9.4)	11	23	31						
										3250	3000	2950	3000	3100				11.0	
										3100	2800	2800	2850	2900					
										2800	2550	2550	2600	2550					
										(10.4)	11	23	30	35					
											2850	2600	2650	2700	2800			12.0	
											2650	2450	2500	2550	2600				
											2400	2200	2250	2300	2300				
											(11.4)	11	22	29	34				
												2500	2350	2400	2450	2550		13.0	
												2300	2200	2250	2300	2400			
												2100	1950	2050	2100	2050			
												(12.4)	10	21	28	35			
													2250	2150	2200	2250		14.0	
													2100	2000	2050	2100			
													1900	1800	1850	1900			
													(13.4)	10	21	29			
														2050	1950	2050		15.0	
														1700	1650	1700			
														(14.4)	10	23			
															1900	1800			
																1550	1500	16.0	
																(15.4)	14		
																	1700		
																1400			
																	(16.7)	16.68	
	13.00	14.00	15.00	16.00	17.00	18.00	19.32												

MAXIMUM RATED CAPACITY

SINGLE PART

TWO PARTS

HOOK

4200

8400

18000

Duty

230

230

227

UNITS:

- ANGLES IN DEGREES

- LENGTHS IN METRES

- LOAD IN KILOGRAMS

KEY:

6850

6500

6000

13

(6.4)

RC @ ARTIC: 0°

RC @ ARTIC: 25°

RC @ ARTIC: 40°

BOOM ANGLE

RADIUS AT ZERO BOOM ANGLE

PITCH: -2.3

PITCH: -2.3

PITCH: -2.3

ROLL: -1.0

ROLL: -3.0

ROLL: -3.5

Note:

Pitch & Roll angles indicated are representative of lifts based on firm level ground with tyres at specified pressures

MAXIMUM RATED CAPACITY		Duty
SINGLE PART	4200	230
TWO PARTS	8400	230
HOOK	18000	227

UNITS:

- ANGLES IN DEGREES
- LENGTHS IN METRES
- LOAD IN KILOGRAMS

KEY:

6850	RC @ ARTIC: 0°	PITCH: -2.3	ROLL: -1.0
6500	RC @ ARTIC: 25°	PITCH: -2.3	ROLL: -3.0
6000	RC @ ARTIC: 40°	PITCH: -2.3	ROLL: -3.5
13	BOOM ANGLE		
(6.4)	RADIUS AT ZERO BOOM ANGLE		

Note: Pitch & Roll angles indicated are representative of lifts based on firm level ground with tyres at specified pressures.

RATED CAPACITY CHART - RUNNER 2 (15° OFFSET)

COUNTERWEIGHT: STANDARD
POSITION: REAR OF CRANE

Hook

Duty: 228

Sheave

Duty: 231

Rad	BOOM LENGTH - 3rd BOOM RETRACTED														3rd BOOM EXTENDING				Rad						
	6.98	7.50	8.00	8.50	9.00	9.50	10.00	10.50	11.00	12.00	13.00	14.00	15.00	16.00	17.00	18.00	19.28								
2.0	17450																	2.0							
	16250																								
	47																								
2.5	16450	17150	17850															2.5							
	15400	16000	16400																						
	41	46	49																						
3.0	15200	15150	15100	15050														3.0							
	14550	14500	14450	14400																					
	13600	13550	13500	13450																					
	35	40	44	48																					
3.5	12850	12800	12750	12700	12700	12650												3.5							
	12300	12250	12200	12150	12150	12100																			
	11450	11400	11350	11350	11300	11250																			
	27	34	39	43	46	49																			
4.0	11050	11050	11000	10950	10950	10900	10900											4.0							
	10600	10550	10500	10500	10450	10400	10400																		
	9850	9800	9800	9750	9750	9700	9650																		
	16	26	33	38	42	45	48																		
5.0	10050	9650	8550	8500	8500	8450	8450	8400	8400	8350								5.0							
	9600	9200	8150	8100	8100	8050	8050	8050	8000	7950															
	8950	8600	7550	7550	7500	7500	7450	7450	7450	7300															
	(4.3)	(4.9)	16	25	31	35	39	43	46	50															
6.0			7850	7050	6850	6800	6800	6800	6750	6750	6700							6.0							
			7450	6700	6500	6500	6500	6450	6450	6400	6400														
			6950	6200	6050	6000	6000	6000	5950	5950	5700														
			(5.4)	(5.9)	15	23	29	34	37	44	48														
7.0					6350	5750	5650	5600	5600	5600	5550	5550	5500					7.0							
					6050	5500	5350	5350	5350	5300	5250	5250	5250												
					5600	5050	4950	4900	4900	4850	4850	4550	4300												
					(6.4)	(6.9)	14	22	28	36	42	46	50												
8.0							5250	4800	4700	4700	4700	4650	4650	4700				8.0							
							5000	4600	4500	4450	4450	4400	4400	4450											
							4600	4200	4100	4100	4100	4050	3750	3600											
							(7.4)	(7.9)	14	27	34	40	45	48											
9.0															4450	4000	4000	4000	3950	4050	4100	4150		9.0	
															4200	3800	3800	3750	3750	3800	3900	3950			
															3850	3500	3450	3450	3350	3200	3150	3050			
															(8.4)	13	26	33	39	43	47	50			
10.0																									10.0
11.0																									11.0
12.0																									12.0
13.0																									13.0
14.0																									14.0
15.0																									15.0
16.0																									16.0
16.64																									16.64
16.6																									16.6
13.00																									13.00

MAXIMUM RATED CAPACITY		Duty
SINGLE PART	4200	231
TWO PARTS	8400	231
HOOK	18000	228

UNITS:
- ANGLES IN DEGREES
- LENGTHS IN METRES
- LOAD IN KILOGRAMS

KEY:			
6850	RC @ ARTIC: 0°	PITCH: -2.3	ROLL: -1.0
6500	RC @ ARTIC: 25°	PITCH: -2.3	ROLL: -3.0
6050	RC @ ARTIC: 40°	PITCH: -2.3	ROLL: -3.5
15	BOOM ANGLE		
(6.4)	RADIUS AT ZERO BOOM ANGLE		

Note: Pitch & Roll angles indicated are representative of lifts based on firm level ground with tyres at specified pressures.

RATED CAPACITY CHART - RUNNER 3 (20° OFFSET)

COUNTERWEIGHT: STANDARD
POSITION: REAR OF CRANE

Hook

Duty: 229

Sheave

Duty: 232

Rad	BOOM LENGTH - 3rd BOOM RETRACTED														3rd BOOM EXTENDING				Rad
	7.02	7.50	8.00	8.50	9.00	9.50	10.00	10.50	11.00	12.00	13.00	14.00	15.00	16.00	17.00	18.00	19.32		
2.0	15950	16500	17050															2.0	
	14900	15400	15900																
	49	52	55																
2.5	15150	15650	16200	16700														2.5	
	14250	14650	15150	15600															
	43	47	50	53															
3.0	14500	14950	15150	15100	15050	15050												3.0	
	13800	14250	14500	14450	14450	14400													
	13650	13600	13550	13500	13450	13450													
	36	41	45	49	52	54													
3.5	12900	12850	12800	12750	12750	12700	12700	12650										3.5	
	12350	12300	12250	12200	12200	12150	12100	12100											
	11500	11450	11400	11400	11350	11300	11300	11250											
	29	35	40	44	47	50	53	55											
4.0	11100	11050	11050	11000	11000	10950	10950	10900	10900									4.0	
	10600	10600	10550	10550	10500	10450	10450	10400	10400										
	9900	9850	9850	9800	9750	9750	9700	9700	9650										
	18	27	34	39	43	46	49	51	54										
5.0	9950	9700	8550	8550	8500	8500	8450	8450	8450	8400	8350							5.0	
	9500	9250	8150	8150	8150	8100	8100	8050	8050	8000	8000								
	8850	8600	7600	7550	7550	7550	7500	7500	7450	7350	6800								
	(4.4)	(4.9)	17	26	32	36	40	44	46	51	55								
6.0			7850	7050	6850	6850	6850	6800	6800	6750	6700							6.0	
			7500	6700	6550	6500	6500	6500	6500	6450	6400	6400							
			6950	6200	6050	6050	6000	6000	6000	6000	5950	5700	5300						
			(5.4)	(5.9)	16	24	30	35	38	44	49	53							
7.0					6350	5800	5650	5650	5650	5600	5600	5550	5550	5600				7.0	
					6050	5500	5350	5350	5350	5300	5300	5250	5300						
					5600	5050	4950	4950	4950	4900	4900	4600	4300	4150					
					(6.4)	(6.9)	15	23	29	37	42	47	51	54					
8.0							5250	4850	4750	4700	4700	4700	4650	4700	4800	4850		8.0	
							5000	4600	4500	4500	4450	4450	4400	4500	4550	4600			
							4600	4200	4150	4100	4100	4050	3750	3650	3550	3450			
							(7.4)	(7.9)	14	27	35	41	45	49	52	55			
9.0									4450	4050	4000	4000	4000	4050	4100	4150	4250	9.0	
									4200	3800	3800	3800	3750	3850	3900	3950	4000		
									3850	3500	3500	3450	3350	3250	3150	3050	2950		
									(8.4)	14	26	34	39	44	47	50	54		
10.0										3800	3450	3450	3450	3500	3550	3600	3700	10.0	
										3600	3250	3250	3250	3300	3350	3450	3500		
										3300	3000	2950	2950	2900	2800	2750	2650		
										(9.4)	13	25	33	38	42	46	50		
11.0											3250	3000	3000	3050	3100	3200	3250	11.0	
											3100	2800	2800	2900	2950	3000	3050		
											2800	2550	2550	2600	2550	2500	2400		
											(10.4)	13	24	31	37	41	46		
12.0												2850	2600	2700	2750	2800	2850	12.0	
												2650	2450	2500	2600	2650	2700		
												2400	2200	2250	2350	2300	2200		
												(11.4)	12	24	30	36	41		
13.0													2500	2350	2450	2500	2550	13.0	
													2300	2200	2300	2350	2400		
													2100	2000	2050	2100	2050		
													(12.4)	12	23	30	36		
14.0														2250	2150	2200	2300	14.0	
														2100	2000	2050	2150		
														1900	1800	1850	1900		
														(13.4)	12	22	30		
15.0															2050	1950	2050	15.0	
															1700	1650	1700		
															(14.4)	11	24		
																1900	1850	16.0	
16.0																1550	1550		
																(15.4)	15		
																	1700	16.68	
																	1400		
16.68																	(16.7)		
13.00 14.00 15.00 16.00 17.00 18.00 19.32																			

MAXIMUM RATED CAPACITY

SINGLE PART

TWO PARTS

HOOK

4200

8400

18000

Duty

232

232

229

UNITS:

- ANGLES IN DEGREES

- LENGTHS IN METRES

- LOAD IN KILOGRAMS

KEY:

6850

6550

6050

16

(6.4)

RC @ ARTIC: 0°

RC @ ARTIC: 25°

RC @ ARTIC: 40°

BOOM ANGLE

RADIUS AT ZERO BOOM ANGLE

PITCH: -2.3

PITCH: -2.3

PITCH: -2.3

ROLL: -1.0

ROLL: -3.0

ROLL: -3.5

Note:

Pitch & Roll angles indicated are representative of lifts based on firm level ground with tyres at specified pressures

MAXIMUM RATED CAPACITY		Duty
SINGLE PART	4200	232
TWO PARTS	8400	232
HOOK	18000	229

UNITS:

- ANGLES IN DEGREES
- LENGTHS IN METRES
- LOAD IN KILOGRAMS

KEY:

6850	RC @ ARTIC: 0°	PITCH: -2.3	ROLL: -1.0
6550	RC @ ARTIC: 25°	PITCH: -2.3	ROLL: -3.0
6050	RC @ ARTIC: 40°	PITCH: -2.3	ROLL: -3.5
16	BOOM ANGLE		
(6.4)	RADIUS AT ZERO BOOM ANGLE		

Note: Pitch & Roll angles indicated are representative of lifts based on firm level ground with tyres at specified pressures.

RATED CAPACITY - FLYJIB 1.5m (0° OFFSET)

Duty: **233**

COUNTERWEIGHT: STANDARD
POSITION: REAR OF CRANE

Rad	BOOM LENGTH - 3rd BOOM RETRACTED														3rd BOOM EXTENDING				Rad					
	7.85	8.50	9.00	9.50	10.00	10.50	11.00	11.50	12.00	13.00	14.00	15.00	16.00	17.00	18.00	19.00	20.15							
2.5	1700	1800	1950	1950	1950	2150												2.5						
	1700	1800	1950	1950	1950	2150																		
	49	53	55	57	59	61																		
3.0	1600	1700	1800	1800	1950	1950	1950	2150										3.0						
	1600	1700	1800	1800	1950	1950	1950	2150																
	44	48	51	54	56	58	60	61																
3.5	1550	1600	1700	1700	1800	1800	1950	1950	1950									3.5						
	1550	1600	1700	1700	1800	1800	1950	1950	1950															
	1550	1600	1700	1700	1800	1800	1950	1950	1950															
	38	43	47	50	52	54	56	58	60															
4.0	1500	1550	1600	1700	1700	1800	1800	1800	1950	1950								4.0						
	1500	1550	1600	1700	1700	1800	1800	1800	1950	1950														
	1500	1550	1600	1700	1700	1800	1800	1800	1950	1950														
	32	38	42	45	48	51	53	55	57	60														
5.0	1450	1450	1500	1550	1550	1600	1700	1700	1800	1800	1950	2150						5.0						
	1450	1450	1500	1550	1550	1600	1700	1700	1800	1800	1950	2150												
	1450	1450	1500	1550	1550	1600	1700	1700	1800	1800	1950	1950												
	15	26	31	36	40	43	46	48	51	54	57	60												
6.0	1450	1450	1450	1450	1500	1550	1600	1600	1700	1800	1950	1950	2150	2150				6.0						
	1450	1450	1450	1450	1450	1500	1550	1600	1600	1700	1800	1950	1950	2150	2150									
	1450	1450	1450	1450	1450	1500	1550	1600	1600	1700	1800	1950	1950	2150	2150									
	(5.3)	(6.0)	17	24	30	34	38	41	44	48	52	55	58	60	62									
7.0			1450	1450	1450	1450	1450	1500	1550	1600	1700	1800	1800	1950	1950	2150	2150	7.0						
			1450	1450	1450	1450	1450	1500	1550	1600	1700	1800	1800	1950	1950	2150	2150							
			1450	1450	1450	1450	1450	1500	1550	1600	1700	1800	1800	1950	1950	2150	2150							
			(6.5)	(7.0)	16	23	28	33	36	42	47	50	53	56	58	60	63							
8.0					1450	1450	1450	1450	1450	1500	1600	1600	1700	1800	1800	1950	1950	8.0						
					1450	1450	1450	1450	1450	1500	1600	1600	1700	1800	1800	1950	1950							
					1450	1450	1450	1450	1450	1500	1600	1600	1700	1800	1800	1950	1950							
					(7.5)	(8.0)	15	22	27	35	40	45	48	52	54	57	59							
9.0							1450	1450	1450	1450	1500	1550	1600	1700	1800	1800	1950	9.0						
							1450	1450	1450	1450	1500	1550	1600	1700	1700	1800	1950							
							1450	1450	1450	1450	1500	1550	1600	1700	1700	1800	1950							
							(8.5)	(9.0)	15	26	34	39	43	47	50	53	55							
10.0									1450	1450	1450	1500	1550	1600	1700	1700	1800	10.0						
									1450	1450	1450	1500	1550	1600	1700	1700	1800							
									1450	1450	1450	1500	1550	1600	1700	1700	1800							
									(9.5)	14	25	32	38	42	46	49	52							
11.0											1450	1450	1500	1550	1600	1600	1700	11.0						
											1450	1450	1450	1500	1550	1600	1600		1700					
											1450	1450	1450	1500	1550	1600	1700							
											(10.5)	14	24	31	37	41	44		48					
12.0													1450	1500	1550	1550	1600	12.0						
													1450	1450	1500	1550	1600							
													1450	1450	1450	1500	1600							
													(11.5)	13	24	30	35		40	44				
13.0															1450	1450	1500	13.0						
															1450	1450	1450		1500	1550				
															1450	1450	1450		1500	1550				
															(12.5)	13	23		29	34	39			
14.0																1450	1450	1500	14.0					
																1450	1450	1450		1500				
																1450	1450	1450		1500				
															(13.5)	13	22	29		34				
15.0																	1450	1450	1450	15.0				
																	1450	1450	1450		1450			
																	1450	1450	1450		1450			
																	(14.5)	12	22		29			
16.0																	1450	1450	1450	16.0				
																	1450	1450	1450					
																	(15.5)	12	22					
17.0																		1450	1450	17.0				
																		1400	1350					
																		(16.5)	14					
17.64																		1450	1250	17.64				
																		(17.6)						
14.00																			15.00	16.00	17.00	18.00	19.00	20.15

UNITS:

-

ANGLES IN DEGREES

-

LENGTHS IN METRES

-

LOAD IN KILOGRAMS

KEY:

1550

RC @ ARTIC: 0°

1550

RC @ ARTIC: 25°

1550

RC @ ARTIC: 40°

40

BOOM ANGLE

(7.5)

RADIUS AT ZERO BOOM ANGLE

PITCH: -2.3

PITCH: -2.3

PITCH: -2.3

ROLL: -1.0

ROLL: -3.0

ROLL: -3.5

Note:

Pitch & Roll angles indicated are representative of lifts based on firm level ground with tyres at specified pressures.

UNITS:

- ANGLES IN DEGREES
- LENGTHS IN METRES
- LOAD IN KILOGRAMS

KEY:

1550	RC @ ARTIC: 0°	PITCH: -2.3	ROLL: -1.0
1550	RC @ ARTIC: 25°	PITCH: -2.3	ROLL: -3.0
1550	RC @ ARTIC: 40°	PITCH: -2.3	ROLL: -3.5
40	BOOM ANGLE		
(7.5)	RADIUS AT ZERO BOOM ANGLE		

Note: Pitch & Roll angles indicated are representative of lifts based on firm level ground with tyres at specified pressures.

RATED CAPACITY - FLYJIB 1.5m (12.5° OFFSET)

Duty: **234**

COUNTERWEIGHT: STANDARD
POSITION: REAR OF CRANE

Rad	BOOM LENGTH - 3rd BOOM RETRACTED														3rd BOOM EXTENDING				Rad
	7.84	8.50	9.00	9.50	10.00	10.50	11.00	11.50	12.00	13.00	14.00	15.00	16.00	17.00	18.00	19.00	20.14		
2.5	1800	1800	1950	1950	2150	2150												2.5	
	1800	1800	1950	1950	2150	2150													
	51	55	57	60	61	63													
3.0	1700	1800	1800	1950	1950	1950	2150	2150										3.0	
	1700	1800	1800	1950	1950	1950	2150	2150											
	46	50	53	56	58	60	61	63											
3.5	1600	1700	1700	1800	1800	1950	1950	1950	2150									3.5	
	1600	1700	1700	1800	1800	1950	1950	1950	2150										
	1600	1700	1700	1800	1800	1950	1950	1950	2150										
	40	46	49	52	54	56	58	60	61										
4.0	1500	1600	1600	1700	1800	1800	1800	1950	1950	2150								4.0	
	1500	1600	1600	1700	1800	1800	1800	1950	1950	2150									
	1500	1600	1600	1700	1800	1800	1800	1950	1950	2150									
	34	40	44	47	50	53	55	57	58	61									
5.0	1450	1450	1500	1550	1600	1600	1700	1700	1800	1950	1950	2150						5.0	
	1450	1450	1500	1550	1600	1600	1700	1700	1800	1950	1950	2150							
	1450	1450	1500	1550	1600	1600	1700	1700	1800	1950	1950	2150							
	16	28	34	38	42	45	48	50	52	56	59	62							
6.0	1450	1450	1450	1450	1500	1550	1550	1600	1700	1700	1800	1950	1950	2150	2150			6.0	
	1450	1450	1450	1450	1500	1550	1550	1600	1700	1700	1800	1950	1950	2150	2150				
	1450	1450	1450	1450	1500	1550	1550	1600	1700	1700	1800	1950	1950	2150	2150				
	(5.3)	(6.0)	19	26	32	36	40	43	45	50	54	57	59	62	64				
7.0			1450	1450	1450	1450	1500	1500	1550	1600	1700	1800	1800	1950	1950	2150	2150	7.0	
			1450	1450	1450	1450	1500	1500	1550	1600	1700	1800	1800	1950	1950	2150	2150		
			1450	1450	1450	1450	1500	1500	1550	1600	1700	1800	1800	1950	1950	2150	2150		
			(6.5)	(7.0)	18	25	30	34	38	43	48	52	55	57	60	62	64		
8.0					1450	1450	1450	1450	1450	1550	1600	1700	1700	1800	1950	1950	1950	8.0	
					1450	1450	1450	1450	1450	1550	1600	1700	1700	1800	1950	1950	1950		
					1450	1450	1450	1450	1450	1550	1600	1700	1700	1800	1950	1950	1950		
					(7.5)	(8.0)	17	24	29	36	42	46	50	53	55	58	60		
9.0							1450	1450	1450	1450	1500	1600	1600	1700	1800	1800	1950	9.0	
							1450	1450	1450	1450	1500	1600	1600	1700	1800	1800	1950		
							1450	1450	1450	1450	1500	1600	1600	1700	1800	1800	1950		
							(8.5)	(9.0)	16	28	35	40	45	48	51	54	56		
10.0								1450	1450	1450	1500	1550	1600	1700	1700	1800		10.0	
								1450	1450	1450	1500	1550	1600	1700	1700	1800			
								1450	1450	1450	1500	1550	1600	1700	1700	1800			
								(9.5)	16	27	34	39	43	47	50	53			
11.0									1450	1450	1500	1550	1600	1700	1700			11.0	
									1450	1450	1500	1550	1600	1700	1700				
									1450	1450	1500	1550	1600	1700	1700				
									(10.5)	15	26	32	38	42	45	49			
12.0										1450	1450	1450	1500	1550	1600	1600		12.0	
										1450	1450	1450	1500	1550	1600	1600			
										1450	1450	1450	1500	1550	1600	1600			
										(11.5)	15	25	31	37	41	44			
13.0											1450	1450	1450	1500	1550	1550		13.0	
											1450	1450	1450	1500	1550	1550			
											1450	1450	1450	1500	1550	1550			
											(12.5)	14	24	31	35	40			
14.0												1450	1450	1450	1450	1550		14.0	
												1450	1450	1450	1450	1550			
												1450	1450	1450	1450	1550			
												(13.5)	14	23	30	35			
15.0													1450	1450	1450	1450		15.0	
													1450	1450	1450	1450			
													1450	1450	1450	1450			
													(14.5)	13	23	30			
16.0														1450	1450	1450		16.0	
														1450	1450	1450			
														(15.5)	13	23			
															1450	1450			
17.0															1400	1350		17.0	
															(16.5)	14			
																1450			
															(17.6)				
	14.00	15.00	16.00	17.00	18.00	19.00	20.14												

UNITS:

-

ANGLES IN DEGREES

-

LENGTHS IN METRES

-

LOAD IN KILOGRAMS

KEY:

1600

RC @ ARTIC: 0°

1600

RC @ ARTIC: 25°

1600

RC @ ARTIC: 40°

42

BOOM ANGLE

(7.5)

RADIUS AT ZERO BOOM ANGLE

PITCH: -2.3

PITCH: -2.3

PITCH: -2.3

ROLL: -1.0

ROLL: -3.0

ROLL: -3.5

Note:

Pitch & Roll angles indicated are representative of lifts based on firm level ground with tyres at specified pressures.

UNITS:

- ANGLES IN DEGREES
- LENGTHS IN METRES
- LOAD IN KILOGRAMS

KEY:

1600	RC @ ARTIC: 0°	PITCH: -2.3	ROLL: -1.0
1600	RC @ ARTIC: 25°	PITCH: -2.3	ROLL: -3.0
1600	RC @ ARTIC: 40°	PITCH: -2.3	ROLL: -3.5
42	BOOM ANGLE		
(7.5)	RADIUS AT ZERO BOOM ANGLE		

Note: Pitch & Roll angles indicated are representative of lifts based on firm level ground with tyres at specified pressures.

RATED CAPACITY CHART - FALL BLOCK

Duty: **301**

COUNTERWEIGHT STANDARD + EXTRA (SL)
POSITION: REAR OF CRANE

Rad	BOOM LENGTH - 3rd BOOM RETRACTED														3rd BOOM EXTENDING				Rad
	6.12	6.50	7.00	7.50	8.00	8.50	9.00	9.50	10.00	11.00	12.00	13.00	14.00	15.00	16.00	17.00	18.42		
1.4	25000	25000	25000	25000	24500	23950	23550											1.4	
	25000	25000	25000	25000	24550	24000	23600												
	49	52	56	58	61	63	65												
2.0	23350	23300	23300	23300	23250	23250	23250	23250	23200									2.0	
	22550	22500	22500	22500	22450	22450	22450	22400	22400										
	41	45	49	52	55	58	60	62	64										
2.5	21500	21500	21450	21450	21400	21400	21350	21350	21300	19100								2.5	
	20550	20500	20500	20450	20450	20400	20400	20350	20350	17750									
	19100	19050	19050	19000	19000	18950	18950	18900	17950	15900									
	33	38	43	47	51	54	56	58	60	64									
3.0	17650	17650	17650	17600	17600	17600	17550	17550	17500	17500	14550							3.0	
	16850	16850	16850	16800	16800	16750	16750	16750	16700	16350	13450								
	15650	15650	15650	15600	15600	15550	15550	15550	14900	13350	12100								
	22	30	36	41	46	49	52	54	57	60	64								
3.5	14950	14900	14900	14900	14850	14850	14850	14800	14800	14800	13450	12600						3.5	
	14250	14200	14200	14200	14200	14150	14150	14150	14100	14100	12450	11600							
	13200	13200	13200	13150	13150	13150	13100	13100	12750	11500	10500	9650							
	(3.5)	19	28	35	40	44	47	50	53	57	61	63							
4.0		13300	12850	12850	12850	12800	12800	12800	12800	12750	12400	11600	11000					4.0	
		12700	12250	12250	12200	12200	12200	12200	12150	12150	11650	10850	10200						
		11750	11350	11350	11300	11300	11300	11300	11150	10050	9250	8550	7950						
		(3.9)	18	27	34	39	43	46	49	54	58	61	63						
5.0			11600	10250	9950	9950	9950	9950	9900	9900	9850	9600	9200	8950	8700			5.0	
			11050	9750	9450	9450	9450	9450	9400	9400	9400	9000	8600	8200	7950				
			10200	9000	8750	8750	8750	8750	8700	8100	7450	6900	6450	6150	5950	5750			
			(4.4)	(4.9)	17	26	32	37	40	46	51	55	58	61	63	65			
6.0					9150	8200	8000	8000	8000	8000	7950	7950	8000	7800	7600	6950		6.0	
					8700	7800	7600	7600	7600	7600	7550	7550	7550	7300	7100	6400			
					8000	7200	7000	7000	7000	6850	6250	5800	5400	5200	5000	4850	4650		
					(5.4)	(5.9)	16	24	30	38	44	49	53	56	59	61	64		
7.0							7450	6800	6650	6650	6650	6600	6600	6650	6750	6800	6400	7.0	
							7050	6450	6300	6300	6300	6250	6250	6300	6400	6400	5950		
							6500	5900	5800	5800	5400	5000	4650	4450	4300	4200	4050		
							(6.4)	(6.9)	15	29	37	42	47	51	54	57	60		
																		8.0	
																		9.0	
																		10.0	
																		11.0	
																		12.0	
																		13.0	
																		14.0	
																		15.0	
																		15.71	
																		18.42	

WINCH RATED CAPACITY

SINGLE PART

TWO PARTS

FOUR PARTS

SIX PARTS

4200

8400

16800

25000

UNITS:

- ANGLES IN DEGREES

- LENGTHS IN METRES

- LOAD IN KILOGRAMS

KEY:

9950

9450

8750

17

(5.9)

RC @ ARTIC: 0°

RC @ ARTIC: 25°

RC @ ARTIC: 40°

BOOM ANGLE

RADIUS AT ZERO BOOM ANGLE

PITCH: -2.3

PITCH: -2.3

PITCH: -2.3

ROLL: -1.0

ROLL: -3.0

ROLL: -3.5

Note:

Pitch & Roll angles indicated are representative of lifts based on firm level ground with tyres at specified pressures

WINCH RATED CAPACITY

SINGLE PART	4200
TWO PARTS	8400
FOUR PARTS	16800
SIX PARTS	25000

UNITS:

- ANGLES IN DEGREES
- LENGTHS IN METRES
- LOAD IN KILOGRAMS

KEY:

9950	RC @ ARTIC: 0°	PITCH: -2.3	ROLL: -1.0
9450	RC @ ARTIC: 25°	PITCH: -2.3	ROLL: -3.0
8750	RC @ ARTIC: 40°	PITCH: -2.3	ROLL: -3.5
17	BOOM ANGLE		
(5.9)	RADIUS AT ZERO BOOM ANGLE		

Note: Pitch & Roll angles indicated are representative of lifts based on firm level ground with tyres at specified pressures.

RATED CAPACITY CHART - RHINO HOOK

Duty: **302**

COUNTERWEIGHT POSITION: STANDARD + EXTRA (SL)
REAR OF CRANE

Rad	BOOM LENGTH - 3rd BOOM RETRACTED														3rd BOOM EXTENDING				Rad
	6.45	7.00	7.50	8.00	8.50	9.00	9.50	10.00	10.50	11.00	12.00	13.00	14.00	15.00	17.00	18.00	18.75		
1.4	15000	15000	15000	15000	15000	15000												1.4	
	15000	15000	15000	15000	15000	15000													
	52	56	59	61	64	65													
2.0	15000	15000	15000	15000	15000	15000	15000	15000										2.0	
	15000	15000	15000	15000	15000	15000	15000	15000	15000										
	45	50	53	56	58	61	63	64											
2.5	15000	15000	15000	15000	15000	15000	15000	15000	15000	15000								2.5	
	15000	15000	15000	15000	15000	15000	15000	15000	15000	15000	15000								
	15000	15000	15000	15000	15000	15000	15000	15000	15000	15000	15000								
3.0	38	44	48	51	54	57	59	61	63	64								3.0	
	15000	15000	15000	15000	15000	15000	15000	15000	15000	15000	14300								
	15000	15000	15000	15000	15000	15000	15000	15000	15000	15000	13300								
3.5	15000	15000	15000	15000	15000	15000	15000	15000	14200	13450	12200							3.5	
	29	37	42	46	49	52	55	57	59	61	64								
	15000	15000	15000	15000	15000	14950	14950	14900	14900	14900	13200	12350							
4.0	14350	14350	14350	14300	14300	14250	14250	14250	14200	14200	12350	11550						4.0	
	13350	13350	13300	13300	13250	13250	13200	12850	12200	11600	10600	9750							
	(3.8)	29	36	41	45	48	51	53	56	58	61	64							
5.0	12950	12950	12950	12950	12900	12900	12900	12850	12850	12250	11450	10850						5.0	
	12350	12350	12350	12350	12300	12300	12300	12250	12250	11550	10750	10100							
	11450	11450	11450	11400	11400	11400	11250	10700	10200	9300	8600	8050							
6.0	(4.4)	28	34	39	43	47	49	52	54	58	61	64						6.0	
	10350	10050	10050	10050	10050	10000	10000	10000	9950	9950	9450	9050	8550						
	9850	9550	9550	9550	9550	9550	9550	9500	9500	9450	8850	8450	7900						
7.0	9100	8850	8850	8850	8850	8800	8800	8600	8200	7550	7000	6550	6200	5750				7.0	
	(4.9)	(5.4)	26	32	37	41	44	47	52	55	58	61	65						
	8300	8100	8100	8100	8100	8100	8100	8100	8050	8050	8050	7950	7500	7350	6850				
8.0	7900	7700	7700	7700	7700	7700	7700	7700	7650	7650	7650	7500	7000	6850	6300			8.0	
	7300	7100	7100	7100	7100	7100	7100	6900	6350	5850	5500	5200	4900	4750	4650				
	(5.9)	(6.4)	25	31	35	39	45	49	53	56	61	63	65						
9.0	6850	6700	6700	6700	6700	6700	6700	6700	6650	6700	6700	6550	6300	6150	5850			9.0	
	6500	6350	6350	6350	6350	6350	6350	6350	6300	6350	6300	6300	6150	5850					
	6000	5850	5850	5850	5850	5850	5850	5850	5500	5050	4700	4500	4200	4100	4050				
10.0	(6.9)	(7.4)	23	29	37	43	47	51	57	59	61							10.0	
	5800	5650	5650	5650	5650	5650	5650	5650	5650	5800	5900	5750							
	5450	5350	5350	5350	5350	5350	5350	5350	5350	5500	5550	5450							
11.0	5000	4900	4900	4500	4150	3950	3700	3600	3550									11.0	
	(7.9)	15	28	35	41	46	52	55	57										
	5350	4850	4850	4850	4850	4900	5000	5100	5150										
12.0	5050	4600	4600	4600	4600	4750	4800	4850										12.0	
	4600	4200	4100	3700	3500	3300	3200	3150											
	(8.4)	14	27	34	40	48	51	53											
13.0	4600	4200	4200	4250	4400	4450	4500											13.0	
	4350	3950	3950	4000	4150	4200	4250												
	3950	3600	3400	3150	2950	2900	2850												
14.0	(9.4)	14	26	33	43	46	48											14.0	
	4000	3700	3700	3850	3900	3950													
	3750	3450	3500	3650	3700	3750													
15.0	3400	3100	2900	2700	2650	2600												15.0	
	(10.4)	13	25	37	41	44													
	3500	3250	3400	3500	3500														
16.1	3300	3050	3200	3300	3300													16.1	
	2950	2700	2500	2400	2350														
	(11.4)	13	31	36	39														
17.0	3100	3050	3100	3150														17.0	
	2900	2850	2950	2950															
	2650	2300	2250	2200															
18.0	(12.4)	23	30	34														18.0	
	2700	2800	2850																
	2150	2100	2050																
19.0	(14.4)	22	28															19.0	
	2500	2550																	
	1950	1900																	
20.0	(15.4)	20																20.0	
	2300																		
	1800																		
21.0	(16.1)																	21.0	
	12.00	13.00	14.00	15.00	17.00	18.00	18.75												

UNITS:

- ANGLES IN DEGREES
- LENGTHS IN METRES
- LOAD IN KILOGRAMS

KEY:

8550	RC @ ARTIC: 0°	PITCH: -2.3	ROLL: -1.0
7900	RC @ ARTIC: 25°	PITCH: -2.3	ROLL: -3.0
5750	RC @ ARTIC: 40°	PITCH: -2.3	ROLL: -3.5
65	BOOM ANGLE		
(5.9)	RADIUS AT ZERO BOOM ANGLE		

Note: Pitch & Roll angles indicated are representative of lifts based on firm level ground with tyres at specified pressures.

RATED CAPACITY CHART - FLYJIB 3m

COUNTERWEIGHT
POSITION:

STANDARD + EXTRA (SL)
REAR OF CRANE

Duty: **305**

Duty: **306**

FLYJIB at 0° OFFSET

Duty: **305**

Rad	RC
6.1	1500
	1440
	65
7.8	1500
	1370
	60
9.3	1340
	1220
	55
10.8	1200
	1080
	50
12.2	1080
	1010
	45
13.5	970
	900
	40
14.7	900
	840
	35
15.7	850
	800
	30
16.6	800
	750
	25
17.3	770
	730
	20
17.9	760
	730
	15
18.3	750
	720
	10
18.6	750
	720
	5
18.7	750
	720
	0

FLYJIB at 12.5° OFFSET

Duty: **306**

Rad	RC
6.6	1500
	1440
	65
8.2	1500
	1370
	60
9.8	1340
	1220
	55
11.2	1200
	1080
	50
12.6	1080
	1010
	45
13.8	970
	900
	40
14.9	900
	840
	35
15.9	850
	800
	30
16.8	800
	750
	25
17.5	770
	730
	20
18.0	760
	730
	15
18.4	750
	720
	10
18.6	750
	720
	5
18.7	750
	720
	0

NOTE:

- RATED CAPACITY IS BASED ON THE STRENGTH OF THE FLYJIB ALONE - RC IS THE SAME FOR ALL BOOM LENGTHS.

UNITS:

- ANGLES IN DEGREES
- LENGTHS IN METRES
- LOAD IN KILOGRAMS

KEY:

970	RC @ ARTIC: 0°	PITCH: -2.3	ROLL: -1.0
900	RC @ ARTIC: 40°	PITCH: -2.3	ROLL: -3.5
40	Boom Angle		

Note: Pitch & Roll angles indicated are representative of lifts based on firm level ground with tyres at specified pressures.

RATED CAPACITY CHART

COUNTERWEIGHT
POSITION:

STANDARD + EXTRA (SL)
REAR OF CRANE

Duty: **309**

Duty: **310**

MANBASKET

Duty: **309**

Rad	RC
6.0	275
	275
	65
7.5	275
	275
	60
9.0	275
	275
	55
10.3	275
	275
	50
11.6	275
	275
	45
12.8	275
	275
	40
13.8	275
	275
	35
14.7	275
	275
	30
15.5	275
	275
	25
16.1	275
	275
	20
16.6	275
	275
	15
17.0	275
	275
	10
17.2	275
	275
	5
17.3	275
	275
	0

FIXED LUG (BUTT)

Duty: **310**

Rad	RC
1.4	25000
	24800
	33
1.5	25000
	24300
	31
1.6	24550
	23800
	29
1.7	24150
	23350
	26
1.8	23700
	22900
	23.0
1.9	23300
	22500
	19.7
2.0	22900
	22050
	15.6
2.2	21050
	21050
	0

NOTE:

MANBASKET RATED CAPACITY INCLUDES ALL PERSONELL AND ALL EQUIPMENT.

UNITS:

- ANGLES IN DEGREES
- LENGTHS IN METRES
- LOAD IN KILOGRAMS

KEY:

275	RC @ ARTIC: 0°	PITCH: -2.3	ROLL: -1.0
275	RC @ ARTIC: 40°	PITCH: -2.3	ROLL: -3.5
0	Boom Angle		

Note: Pitch & Roll angles indicated are representative of lifts based on firm level ground with tyres at specified pressures.

RATED CAPACITY CHART - LUG 1

COUNTERWEIGHT
POSITION:

STANDARD + EXTRA (SL)
REAR OF CRANE

Duty: **311**

Rad	BOOM LENGTH									Rad
	5.36	6.00	6.50	7.00	7.50	8.00	8.50	9.00	9.46	
1.4	25000	25000	25000	25000	25000	25000	25000	23300		1.4
	24950	24800	24650	24550	24450	24400	23250	21350		
	42	49	53	56	59	61	63	65		
2.0	23150	22950	22850	22750	22650	22600	22500	20800	19450	2.0
	22300	22100	22000	21900	21800	21700	21050	19250	17900	
	30	40	45	49	53	56	58	61	62	
2.5	21050	20750	20550	20350	20200	20050	19900	19150	17850	2.5
	20100	19800	19550	19400	19200	19050	18900	18050	16800	
	18650	18350	18150	17950	17750	17600	17500	17350	16550	
3.0	16	31	38	43	48	51	54	56	59	3.0
	18700	16950	16800	16600	16450	16350	16200	16100	16000	
	18250	16150	16000	15800	15650	15550	15400	15300	15200	
3.5	16950	14950	14800	14600	14450	14300	14200	14100	13550	3.5
	(2.7)	20	30	37	42	46	49	52	55	
		14900	14100	13950	13800	13700	13600	13500	13400	
4.0		14150	13400	13250	13150	13000	12900	12800	12700	4.0
		13100	12350	12250	12100	11950	11850	11750	11400	
		(3.4)	19	29	35	40	44	48	50	
5.0			12550	11950	11800	11700	11600	11500	11450	5.0
			11900	11350	11200	11100	11000	10900	10850	
			10950	10400	10300	10200	10100	10000	9800	
6.0			(3.9)	19	28	34	39	43	46	6.0
				10700	9300	8900	8850	8750	8700	
				10150	8800	8450	8350	8250	8200	
6.8				9350	8050	7700	7600	7550	7500	6.8
				(4.4)	(4.9)	17	26	32	36	
						8100	7150	6900	6850	
6.8						7650	6750	6500	6450	6.8
						7000	6100	5900	5850	
						(5.4)	(5.9)	16	24	
6.8								6350	5700	6.8
								5400	4800	
								(6.4)	(6.8)	
	5.36	6.00	6.50	7.00	7.50	8.00	8.50	9.00	9.50	

UNITS:

- ANGLES IN DEGREES
- LENGTHS IN METRES
- LOAD IN KILOGRAMS

KEY:

11700	RC @ ARTIC: 0°	PITCH: -2.3	ROLL: -1.0
11100	RC @ ARTIC: 25°	PITCH: -2.3	ROLL: -3.0
10200	RC @ ARTIC: 40°	PITCH: -2.3	ROLL: -3.5
34	BOOM ANGLE		
(3.9)	RADIUS AT ZERO BOOM ANGLE		

Note: Pitch & Roll angles indicated are representative of lifts based on firm level ground with tyres at specified pressures.

RATED CAPACITY CHART - LUG 2

Duty: **312**

**COUNTERWEIGHT
POSITION:**

STANDARD + EXTRA (SL)
REAR OF CRANE

Rad	BOOM LENGTH													Rad
	5.57	6.50	7.00	7.50	8.00	8.50	9.00	9.50	10.00	11.00	12.00	13.00	13.77	
1.4	25000	25000	25000	25000	25000	25000	25000							1.4
	25000	25000	25000	25000	25000	24950	24950							
	44	52	56	59	61	63	65							
2.0	23200	23200	23150	23150	23150	23150	23150	23150	23150					2.0
	22350	22350	22350	22350	22350	22350	22350	22300	22000					
	33	45	49	53	55	58	60	62	64					
2.5	21200	21200	21200	21200	21200	21150	21150	21150	21150	16850				2.5
	20250	20250	20250	20200	20200	20200	20200	20150	15700					
	18800	18800	18800	18800	18750	18750	18750	18750	17700	15450				
	22	38	43	47	51	54	56	58	60	64				
3.0	17750	17400	17400	17400	17400	17400	17350	17350	17350	15450	14150			3.0
	16950	16600	16600	16600	16600	16600	16550	16550	16550	14500	13200			
	15700	15400	15400	15400	15400	15350	15350	15350	14650	13150	11900			
	(2.9)	30	36	41	46	49	52	54	57	61	64			
3.5		14650	14700	14700	14700	14700	14650	14650	14650	14300	13050	12250		3.5
		14000	14000	14000	14000	14000	14000	13950	13950	13450	12250	11400		
		12950	12950	12950	12950	12950	12950	12950	12500	11300	10300	9500		
		19	28	35	40	44	48	50	53	57	61	63		
4.0		13100	12650	12650	12650	12650	12650	12650	12650	12600	12100	11350	10850	4.0
		12450	12050	12050	12050	12050	12050	12050	12050	12000	11400	10600	10150	
		11550	11100	11150	11150	11150	11150	11150	10950	9900	9050	8400	7950	
		(3.9)	18	27	34	39	43	46	49	54	58	61	63	
5.0			11400	10050	9800	9800	9800	9800	9800	9800	9750	9750	9400	5.0
			10850	9550	9300	9300	9300	9300	9300	9300	9300	9300	8850	
			10000	8800	8550	8600	8600	8600	8600	7950	7300	6800	6450	
			(4.4)	(4.9)	17	26	32	37	40	47	51	55	57	
6.0					8950	8050	7850	7900	7900	7900	7900	7900	7850	6.0
					8500	7650	7450	7500	7500	7500	7500	7450	7450	
					7850	7050	6850	6900	6900	6700	6100	5650	5400	
					(5.4)	(5.9)	16	24	30	38	44	49	52	
7.0							7300	6650	6500	6550	6550	6550	6500	7.0
							6900	6300	6150	6200	6200	6200	6200	
							6350	5750	5650	5650	5300	4900	4600	
							(6.4)	(6.9)	15	29	37	43	46	
									6100	5500	5500	5500	5500	8.0
									5750	5200	5200	5200	5200	
									5250	4750	4750	4300	4050	
									(7.4)	14	27	35	40	
									5150	4700	4700	4700	4700	9.0
									4900	4450	4450	4450	4450	
									4450	4050	3900	3650	3650	
									(8.4)	14	26	32	32	
										4450	4050	4100	4100	10.0
										4200	3850	3850	3850	
										3800	3450	3300	3300	
										(9.4)	13	23	23	
											3850	3550	3550	11.0
											3600	3350	3350	
											3250	3000	3000	
											(10.4)	8	8	
												3500	3500	11.1
												3250	3250	
												2950	2950	
												(11.1)	(11.1)	
					8.50	9.00	9.50	10.00	11.00	12.00	13.00	13.77		

UNITS:

- ANGLES IN DEGREES
- LENGTHS IN METRES
- LOAD IN KILOGRAMS

KEY:

9750	RC @ ARTIC: 0°	PITCH: -2.3	ROLL: -1.0
9300	RC @ ARTIC: 25°	PITCH: -2.3	ROLL: -3.0
7300	RC @ ARTIC: 40°	PITCH: -2.3	ROLL: -3.5
51	BOOM ANGLE		
(5.4)	RADIUS AT ZERO BOOM ANGLE		

Note: Pitch & Roll angles indicated are representative of lifts based on firm level ground with tyres at specified pressures.

RATED CAPACITY CHART - RUNNER 1 (0° OFFSET)

COUNTERWEIGHT: STANDARD + EXTRA (SL)
POSITION: REAR OF CRANE

Hook

Duty: **327**

Sheave

Duty: **330**

Rad	BOOM LENGTH - 3rd BOOM RETRACTED													3rd BOOM EXTENDING				Rad
	7.02	7.50	8.00	8.50	9.00	9.50	10.00	10.50	11.00	12.00	13.00	14.00	15.00	16.00	17.00	18.00	19.32	
2.0																		2.0
2.5																		2.5
3.0	16750																	3.0
	15850																	
	15650																	
	33																	
3.5	15250	15200																3.5
	14550	14500																
	13500	13450																
	25	32																
4.0	13200	13150	13100															4.0
	12600	12550	12500															
	11650	11650	11600															
	15	24	31															
5.0	11900	11550	10200	10200	10150	10150												5.0
	11350	11000	9750	9700	9700	9650												
	10550	10200	9000	9000	8950	8950												
	(4.4)	(4.9)	14	23	29	34												
6.0			9450	8500	8250	8250	8200	8200										6.0
			9000	8100	7850	7800	7800	7800										
			8300	7450	7250	7200	7200	7200										
			(5.4)	(5.9)	13	22	28	32										
7.0					7700	7000	6850	6800	6800	6750								7.0
					7300	6650	6500	6500	6450	6400								
					6750	6150	6000	5950	5950	5700								
					(6.4)	(6.9)	13	21	26	34								
8.0							6450	5900	5800	5750	5750							8.0
							6100	5600	5500	5450	5400							
							5600	5150	5050	5000	4650							
							(7.4)	(7.9)	12	25	33							
									5450	4950	4950	4900						9.0
									5200	4700	4650	4650						
									4750	4300	4200	3850						
									(8.4)	12	24	32						
										4700	4300	4300	4250					10.0
										4450	4050	4050	4000					
										4050	3700	3500	3250					
										(9.4)	11	23	31					
											4100	3750	3750	3800	3850			11.0
											3850	3550	3550	3600	3650			
											3500	3200	3000	2850	2750			
											(10.4)	11	23	30	35			
												3600	3300	3350	3450	3500		12.0
												3400	3100	3150	3250	3300		
												3050	2750	2600	2550	2450		
												(11.4)	11	22	29	34		
													3150	3000	3050	3100	3200	13.0
													2950	2800	2900	2950	3000	
													2700	2450	2350	2300	2200	
													(12.4)	10	21	28	35	
														2900	2750	2800	2850	14.0
														2700	2550	2650	2700	
														2400	2200	2100	2050	
														(13.4)	10	21	29	
															2650	2550	2600	15.0
															2200	2000	1900	
															(14.4)	10	23	
																2450	2350	16.0
																2050	1800	
																(15.4)	14	
																	2200	16.68
																	1800	
																	(16.7)	
	13.00	14.00	15.00	16.00	17.00	18.00	19.32											

MAXIMUM RATED CAPACITY		Duty
SINGLE PART	4200	330
TWO PARTS	8400	330
HOOK	18000	327

UNITS:

- ANGLES IN DEGREES
- LENGTHS IN METRES
- LOAD IN KILOGRAMS

KEY:

8250	RC @ ARTIC: 0°	PITCH: -2.3	ROLL: -1.0
7850	RC @ ARTIC: 25°	PITCH: -2.3	ROLL: -3.0
7250	RC @ ARTIC: 40°	PITCH: -2.3	ROLL: -3.5
13	BOOM ANGLE		
(6.4)	RADIUS AT ZERO BOOM ANGLE		

Note: Pitch & Roll angles indicated are representative of lifts based on firm level ground with tyres at specified pressures.

RATED CAPACITY CHART - RUNNER 2 (15° OFFSET)

COUNTERWEIGHT: STANDARD + EXTRA (SL)
POSITION: REAR OF CRANE

Hook

Duty: 328

Sheave

Duty: 331

Rad	BOOM LENGTH - 3rd BOOM RETRACTED													3rd BOOM EXTENDING				Rad
	6.98	7.50	8.00	8.50	9.00	9.50	10.00	10.50	11.00	12.00	13.00	14.00	15.00	16.00	17.00	18.00	19.28	
2.0	17450																	2.0
	16250																	
	47																	
2.5	16450	17150	17850															2.5
	15400	16000	16600															
	41	46	49															
3.0	15600	16250	16900	17500														3.0
	14850	15400	16000	16550														
	14650	15250	15800	15900														
3.5	35	40	44	48														3.5
	14950	15250	15200	15150	15100	15100												
	14250	14550	14500	14450	14450	14400												
4.0	13550	13500	13450	13450	13400	13350												4.0
	27	34	39	43	46	49												
	13200	13150	13150	13100	13050	13050	13000											
5.0	12600	12550	12550	12500	12450	12450	12400											5.0
	11700	11650	11600	11600	11550	11550	11500											
	16	26	33	38	42	45	48											
6.0	12000	11550	10250	10200	10200	10150	10150	10100	10100	10050								6.0
	11450	11000	9750	9750	9700	9700	9650	9650	9600	9600								
	10650	10200	9000	9000	9000	8950	8950	8850	8450	7750								
7.0	(4.3)	(4.9)	16	25	31	35	39	43	46	50								7.0
			9400	8500	8250	8250	8200	8200	8200	8150	8150							
			8950	8050	7850	7850	7800	7800	7800	7750	7750							
8.0			8300	7450	7250	7250	7200	7200	7150	6500	6050							8.0
			(5.4)	(5.9)	15	23	29	34	37	44	48							
					7700	7000	6850	6850	6800	6750	6750	6700						
9.0					7300	6650	6500	6500	6500	6450	6400	6400	6400					9.0
					6750	6150	6000	5950	5950	5650	5200	4850	4550					
					(6.4)	(6.9)	14	22	28	36	42	46	50					
10.0					6400	5900	5800	5750	5750	5750	5700	5750						10.0
					6100	5600	5500	5450	5450	5400	5400	5450						
					5600	5150	5050	5000	4650	4300	4000	3850						
11.0					(7.4)	(7.9)	14	27	34	40	45	48						11.0
							5450	4950	4950	4950	4900	4950	5050	5100				
							5150	4700	4700	4650	4650	4700	4750	4850				
12.0							4750	4300	4200	3850	3550	3450	3350	3250				12.0
							(8.4)	13	26	33	39	43	47	50				
								4700	4300	4300	4300	4350	4400	4450	4550			
13.0								4450	4050	4050	4050	4100	4150	4200	4300			13.0
								4050	3700	3500	3250	3100	3000	2950	2850			
								(9.4)	13	25	32	37	42	45	49			
14.0																		14.0
15.0																		15.0
16.0																		16.0
16.64																		16.64
17.0																		17.0
18.0																		18.0
19.28																		19.28

MAXIMUM RATED CAPACITY		Duty
SINGLE PART	4200	331
TWO PARTS	8400	331
HOOK	18000	328

UNITS:
- ANGLES IN DEGREES
- LENGTHS IN METRES
- LOAD IN KILOGRAMS

KEY:	RC @ ARTIC: 0°	PITCH: -2.3	ROLL: -1.0
8250	RC @ ARTIC: 25°	PITCH: -2.3	ROLL: -3.0
7850	RC @ ARTIC: 40°	PITCH: -2.3	ROLL: -3.5
7250	BOOM ANGLE		
15	RADIUS AT ZERO BOOM ANGLE		
(6.4)			

Note: Pitch & Roll angles indicated are representative of lifts based on firm level ground with tyres at specified pressures.

RATED CAPACITY CHART - RUNNER 3 (20° OFFSET)

COUNTERWEIGHT: STANDARD + EXTRA (SL)
POSITION: REAR OF CRANE

Hook

Duty: 329

Sheave

Duty: 332

Rad	BOOM LENGTH - 3rd BOOM RETRACTED													3rd BOOM EXTENDING				Rad
	7.02	7.50	8.00	8.50	9.00	9.50	10.00	10.50	11.00	12.00	13.00	14.00	15.00	16.00	17.00	18.00	19.32	
2.0	15950	16500	17050															2.0
	14900	15400	15900															
	49	52	55															
2.5	15150	15650	16200	16700														2.5
	14250	14650	15150	15600														
	43	47	50	53														
3.0	14500	14950	15450	15900	16400	16900												3.0
	13800	14250	14650	15100	15550	15950												
	13650	14050	14500	14900	15300	15750												
	36	41	45	49	52	54												
3.5	14050	14400	14800	15200	15150	15150	15100	15100										3.5
	13400	13700	14100	14500	14500	14450	14400	14400										
	13250	13550	13500	13500	13450	13400	13200	12500										
	29	35	40	44	47	50	53	55										
4.0	13250	13200	13150	13150	13100	13100	13050	13050	13000									4.0
	12600	12600	12550	12550	12500	12500	12450	12450	12400									
	11700	11700	11650	11650	11600	11550	11550	10950	10450									
	18	27	34	39	43	46	49	51	54									
5.0	11900	11600	10250	10250	10200	10200	10200	10150	10150	10100	10050							5.0
	11350	11050	9750	9750	9750	9700	9700	9650	9650	9600	9600							
	10550	10250	9050	9050	9000	9000	8950	8850	8450	7750	7200							
	(4.4)	(4.9)	17	26	32	36	40	44	46	51	55							
6.0			9450	8500	8300	8250	8250	8200	8200	8150	8150							6.0
			9000	8100	7850	7850	7850	7800	7800	7750	7750							
			8300	7450	7250	7250	7250	7150	6500	6050	5650							
			(5.4)	(5.9)	16	24	30	35	38	44	49	53						
7.0					7700	7000	6850	6850	6850	6800	6800	6750	6750	6800				7.0
					7300	6650	6500	6500	6500	6450	6450	6450	6400	6450				
					6750	6150	6000	6000	6000	5700	5250	4850	4550	4400				
					(6.4)	(6.9)	15	23	29	37	42	47	51	54				
8.0							6450	5900	5800	5800	5750	5750	5750	5800	5850	5900		8.0
							6100	5600	5500	5500	5450	5450	5450	5500	5550	5550		
							5600	5150	5050	5050	4650	4300	4000	3850	3750	3650		
							(7.4)	(7.9)	14	27	35	41	45	49	52	55		
9.0																		9.0
10.0																		10.0
11.0																		11.0
12.0																		12.0
13.0																		13.0
14.0																		14.0
15.0																		15.0
16.0																		16.0
16.68																		16.68
16.7																		16.7
13.00																		13.00

MAXIMUM RATED CAPACITY		Duty
SINGLE PART	4200	332
TWO PARTS	8400	332
HOOK	18000	329

UNITS:
- ANGLES IN DEGREES
- LENGTHS IN METRES
- LOAD IN KILOGRAMS

8300	RC @ ARTIC: 0°	PITCH: -2.3	ROLL: -1.0
7850	RC @ ARTIC: 25°	PITCH: -2.3	ROLL: -3.0
7250	RC @ ARTIC: 40°	PITCH: -2.3	ROLL: -3.5
16	BOOM ANGLE		
(6.4)	RADIUS AT ZERO BOOM ANGLE		

Note: Pitch & Roll angles indicated are representative of lifts based on firm level ground with tyres at specified pressures.

RATED CAPACITY - FLYJIB 1.5m (0° OFFSET)

Duty: **333**

COUNTERWEIGHT: STANDARD + EXTRA (SL)
POSITION: REAR OF CRANE

Rad	BOOM LENGTH - 3rd BOOM RETRACTED														3rd BOOM EXTENDING				Rad
	7.85	8.50	9.00	9.50	10.00	10.50	11.00	11.50	12.00	13.00	14.00	15.00	16.00	17.00	18.00	19.00	20.15		
2.5	1700	1800	1950	1950	1950	2150												2.5	
	1700	1800	1950	1950	1950	2150													
	49	53	55	57	59	61													
3.0	1600	1700	1800	1800	1950	1950	1950	2150										3.0	
	1600	1700	1800	1800	1950	1950	1950	2150											
	44	48	51	54	56	58	60	61											
3.5	1550	1600	1700	1700	1800	1800	1950	1950	1950									3.5	
	1550	1600	1700	1700	1800	1800	1950	1950	1950										
	1550	1600	1700	1700	1800	1800	1950	1950	1950										
	38	43	47	50	52	54	56	58	60										
4.0	1500	1550	1600	1700	1700	1800	1800	1800	1950	1950								4.0	
	1500	1550	1600	1700	1700	1800	1800	1800	1950	1950									
	1500	1550	1600	1700	1700	1800	1800	1800	1950	1950									
	32	38	42	45	48	51	53	55	57	60									
5.0	1450	1450	1500	1550	1550	1600	1700	1700	1800	1800	1950	2150						5.0	
	1450	1450	1500	1550	1550	1600	1700	1700	1800	1800	1950	2150							
	1450	1450	1500	1550	1550	1600	1700	1700	1800	1800	1950	1950							
	15	26	31	36	40	43	46	48	51	54	57	60							
6.0	1450	1450	1450	1450	1500	1550	1600	1600	1700	1800	1950	1950	2150	2150				6.0	
	1450	1450	1450	1450	1450	1500	1550	1600	1600	1700	1800	1950	1950	2150	2150				
	1450	1450	1450	1450	1450	1500	1550	1600	1600	1700	1800	1950	1950	2150	2150				
	(5.3)	(6.0)	17	24	30	34	38	41	44	48	52	55	58	60	62				
7.0			1450	1450	1450	1450	1450	1500	1550	1600	1700	1800	1800	1950	1950	2150	2150	7.0	
			1450	1450	1450	1450	1450	1500	1550	1600	1700	1800	1800	1950	1950	2150	2150		
			1450	1450	1450	1450	1450	1500	1550	1600	1700	1800	1800	1950	1950	2150	2150		
			(6.5)	(7.0)	16	23	28	33	36	42	47	50	53	56	58	60	63		
8.0					1450	1450	1450	1450	1450	1500	1600	1600	1700	1800	1800	1950	1950	8.0	
					1450	1450	1450	1450	1450	1500	1600	1600	1700	1800	1800	1950	1950		
					1450	1450	1450	1450	1450	1500	1600	1600	1700	1800	1800	1950	1950		
					(7.5)	(8.0)	15	22	27	35	40	45	48	52	54	57	59		
9.0							1450	1450	1450	1450	1500	1550	1600	1700	1800	1800	1950	9.0	
							1450	1450	1450	1450	1500	1550	1600	1700	1700	1800	1950		
							1450	1450	1450	1450	1500	1550	1600	1700	1700	1800	1950		
							(8.5)	(9.0)	15	26	34	39	43	47	50	53	55		
10.0								1450	1450	1450	1500	1550	1600	1700	1700	1800		10.0	
								1450	1450	1450	1500	1550	1600	1700	1700	1800			
								1450	1450	1450	1500	1550	1600	1700	1700	1800			
								(9.5)	14	25	32	38	42	46	49	52			
11.0									1450	1450	1500	1550	1600	1600	1700			11.0	
									1450	1450	1500	1550	1600	1600	1700				
									1450	1450	1450	1500	1550	1600	1600	1700			
									(10.5)	14	24	31	37	41	44	48			
12.0										1450	1450	1450	1500	1550	1550	1600		12.0	
										1450	1450	1450	1500	1550	1550	1600			
										1450	1450	1450	1500	1550	1550	1600			
										(11.5)	13	24	30	35	40	44			
13.0											1450	1450	1450	1450	1500	1550		13.0	
											1450	1450	1450	1450	1500	1550			
											1450	1450	1450	1450	1500	1550			
											(12.5)	13	23	29	34	39			
14.0												1450	1450	1450	1450	1500		14.0	
												1450	1450	1450	1450	1500			
												1450	1450	1450	1450	1500			
												(13.5)	13	22	29	34			
15.0													1450	1450	1450	1450		15.0	
													1450	1450	1450	1450			
													1450	1450	1450	1450			
													(14.5)	12	22	29			
16.0														1450	1450	1450		16.0	
														1450	1450	1450			
														(15.5)	12	22			
															1450	1450			
17.0															1450	1450		17.0	
															1450	1450			
															(16.5)	14			
																1450			
17.64																1450		17.64	
																1450			
																(17.6)			
	14.00	15.00	16.00	17.00	18.00	19.00	20.15												

UNITS:

-

ANGLES IN DEGREES

-

LENGTHS IN METRES

-

LOAD IN KILOGRAMS

KEY:

1550

RC @ ARTIC: 0°

1550

RC @ ARTIC: 25°

1550

RC @ ARTIC: 40°

40

BOOM ANGLE

(7.5)

RADIUS AT ZERO BOOM ANGLE

PITCH: -2.3

PITCH: -2.3

PITCH: -2.3

ROLL: -1.0

ROLL: -3.0

ROLL: -3.5

Note:

Pitch & Roll angles indicated are representative of lifts based on firm level ground with tyres at specified pressures.

UNITS:

- ANGLES IN DEGREES
- LENGTHS IN METRES
- LOAD IN KILOGRAMS

KEY:

1550	RC @ ARTIC: 0°	PITCH: -2.3	ROLL: -1.0
1550	RC @ ARTIC: 25°	PITCH: -2.3	ROLL: -3.0
1550	RC @ ARTIC: 40°	PITCH: -2.3	ROLL: -3.5
40	BOOM ANGLE		
(7.5)	RADIUS AT ZERO BOOM ANGLE		

Note: Pitch & Roll angles indicated are representative of lifts based on firm level ground with tyres at specified pressures.

RATED CAPACITY - FLYJIB 1.5m (12.5° OFFSET)

Duty: 334

COUNTERWEIGHT: STANDARD + EXTRA (SL)
POSITION: REAR OF CRANE

Rad	BOOM LENGTH - 3rd BOOM RETRACTED														3rd BOOM EXTENDING				Rad
	7.84	8.50	9.00	9.50	10.00	10.50	11.00	11.50	12.00	13.00	14.00	15.00	16.00	17.00	18.00	19.00	20.14		
2.5	1800	1800	1950	1950	2150	2150												2.5	
	1800	1800	1950	1950	2150	2150													
	51	55	57	60	61	63													
3.0	1700	1800	1800	1950	1950	1950	2150	2150										3.0	
	1700	1800	1800	1950	1950	1950	2150	2150											
	46	50	53	56	58	60	61	63											
3.5	1600	1700	1700	1800	1800	1950	1950	1950	2150									3.5	
	1600	1700	1700	1800	1800	1950	1950	1950	2150										
	1600	1700	1700	1800	1800	1950	1950	1950	2150										
4.0	1500	1600	1600	1700	1800	1800	1800	1950	1950	2150								4.0	
	1500	1600	1600	1700	1800	1800	1800	1950	1950	2150									
	1500	1600	1600	1700	1800	1800	1800	1950	1950	2150									
5.0	1450	1450	1500	1550	1600	1600	1700	1700	1800	1950	1950	2150						5.0	
	1450	1450	1500	1550	1600	1600	1700	1700	1800	1950	1950	2150							
	1450	1450	1500	1550	1600	1600	1700	1700	1800	1950	1950	2150							
6.0	1450	1450	1450	1450	1500	1550	1550	1600	1700	1700	1800	1950	1950	2150	2150			6.0	
	1450	1450	1450	1450	1500	1550	1550	1600	1700	1700	1800	1950	1950	2150	2150				
	1450	1450	1450	1450	1500	1550	1550	1600	1700	1700	1800	1950	1950	2150	2150				
7.0			1450	1450	1450	1450	1500	1500	1550	1600	1700	1800	1800	1950	1950	2150	2150	7.0	
			1450	1450	1450	1450	1500	1500	1550	1600	1700	1800	1800	1950	1950	2150	2150		
			1450	1450	1450	1450	1500	1500	1550	1600	1700	1800	1800	1950	1950	2150	2150		
8.0					1450	1450	1450	1450	1450	1550	1600	1700	1700	1800	1950	1950	1950	8.0	
					1450	1450	1450	1450	1450	1550	1600	1700	1700	1800	1950	1950	1950		
					1450	1450	1450	1450	1450	1550	1600	1700	1700	1800	1950	1950	1950		
9.0							1450	1450	1450	1450	1500	1600	1600	1700	1800	1800	1950	9.0	
							1450	1450	1450	1450	1500	1600	1600	1700	1800	1800	1950		
							1450	1450	1450	1450	1500	1600	1600	1700	1800	1800	1950		
10.0									1450	1450	1500	1550	1600	1700	1700	1800	1800	10.0	
									1450	1450	1500	1550	1600	1700	1700	1800	1800		
									1450	1450	1500	1550	1600	1700	1700	1800	1800		
11.0											1450	1450	1500	1550	1600	1700	1700	11.0	
											1450	1450	1500	1550	1600	1700	1700		
											1450	1450	1500	1550	1600	1700	1700		
12.0													1450	1500	1550	1600	1600	12.0	
													1450	1500	1550	1600	1600		
													1450	1500	1550	1600	1600		
13.0															1450	1500	1550	13.0	
															1450	1500	1550		
															1450	1500	1550		
14.0																	1450	14.0	
																	1450		
																	1450		
15.0																		15.0	
16.0																		16.0	
17.0																		17.0	
17.63																		17.63	
20.14																		20.14	

UNITS:

- ANGLES IN DEGREES

- LENGTHS IN METRES

- LOAD IN KILOGRAMS

KEY:

1600

1600

1600

42

7.5

RC @ ARTIC: 0°

RC @ ARTIC: 25°

RC @ ARTIC: 40°

BOOM ANGLE

RADIUS AT ZERO BOOM ANGLE

PITCH: -2.3

PITCH: -2.3

PITCH: -2.3

ROLL: -1.0

ROLL: -3.0

ROLL: -3.5

Note:

Pitch & Roll angles indicated are representative of lifts based on firm level around with tyres at specified pressures.

Note: Pitch & Roll angles indicated are representative of lifts based on firm level ground with tyres at specified pressures.



AFTERMARKET CONTACTS LIST

AFTER HOURS SUPPORT: from anywhere within Australia

National Technical Support Contact (24/7)

PH: **1800 837 395** (1800TEREXL)

BUSINESS HOURS SUPPORT:

Contact the relevant state office on the numbers shown below for all enquiries regarding:

- Spare parts
- Product support
- Service
- Warranty

Queensland:	+61 7 3868 9600
New South Wales:	+61 2 8786 4444
Victoria:	+61 3 8794 4170
Western Australia:	+61 8 9232 0000

Please have the following information available before calling:

- Company name
- Contact name
- Phone number
- E-mail contact
- Crane model and serial number
- Crane hours and kilometres