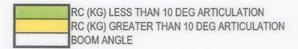


RC (KG) LESS THAN 10 DEG ARTICULATION RC (KG) GREATER THAN 10 DEG ARTICULATION BOOM ANGLE OR (RADIUS AT 0 DEG BOOM ANGLE)

Weight of slings & hook block to be added to load Read and understand warning notes before operating crane Loads above bold red line are structural

DANIE	202	0000	02.0	200	7 50	000	0 50	000	0 50	40.00	40.50	44.00	44 50	0000	02.07	0000	00007	I
ADIOS	00.0	0.00	0.00	00.7	06.7	0.00	00:00	3.00	_	10.00	10.50	00.11	00.11	12.00	12.50	13.00	13.50	13.86
0	10000	10000	00001	10200	10000			T								1		I
9.1	10500	10500	10500	10500	10500													
	48	200	40.00	16	22	40000	0000											
	10500	10200	10200	10200	00001	00501	10200											
2.0	10500	10500	10500	10500	10500	10500	10500											
	4.5	46	20	53	26	28	09											
	10400	10350	10350	10350	10350	10350	10350	9950	9650	1								
2.5	9250	9250	9250	9250	9250	9250	9250	9200	9200									
	34	39	44	48	51	54	99	58	09									
	8500	8500	8500	8500	8500	8500	8500	8500	8500	8300	7350							
3.0	7600	7600	7600	7600	7600	7550	7550	7550	7550	7550	7350							
	25	31	37	42	46	49	52	55	57	58	09							I
	7200	7200	7200	7200	7200	7200	7150	7150	7150	7150	6750	5950	5650					
3.5	6400	6400	6400	6400	6400	6400	6400	6400	6350	6350	6350	5950	5650					
	6	20	30	36	41	45	48	51	53	55	57	69	09					
	6950	6250	6200	6200	6200	6200	6200	6200	6200	6150	6150	5500	5250	2000	4800			
4.0	6150	5550	5500	5500	5500	5500	5500	5500	5500	5500	5500	5450	5250	2000	4800			
	(3.61)	(3.95)	20	28	35	39	43	46	49	52	54	56	57	59	09			
			5450	5400	5400	5400	5400	5400	5400	5400	5400	5150	4900	4650	4500	4300	4150	
4.5			4850	4800	4800	4800	4800	4800	4800	4800	4800	4800	4800	4650	4500	4300	4150	
			(4.45)	19	28	34	38	42	45	48	50	52	54	56	57	59	09	
	7			4850	4800	4800	4800	4800	4800	4800	4800	4800	4550	4350	4200	4050	3900	3800
5.0	- 1			4300	4250	4250	4250	4250	4250	4250	4250	4250	4250	4200	4200	4050	3900	3800
(1000			(4.95)	18	27	33	37	41	44	47	49	51	53	55	99	58	59
					4300	3900	3850	3850	3850	3850	3850	3850	3850	3850	3700	3550	3300	3200
0.9					3800	3450	3400	3400	3400	3400	3400	3400	3400	3400	3400	3400	3300	3200
		*			(5.45)	(5.95)	17	25	31	35	39	42	45	47	49	51	52	54
							3550	3200	3200	3200	3200	3200	3200	3200	3200	3050	2950	2850
7.0							3100	2800	2800	2800	2800	2800	2800	2800	2800	2800	2800	2800
				-			(6.45)	(6.95)	16	24	29	34	37	- 40	43	45	47	48
									2950	2700	2700	2700	2700	2700	2700	2700	2650	2600
8.0									2600	2350	2350	2350	2350	2350	2350	2350	2350	2350
									(7.45)	(7.95)	16	23	28	32	36	38	41	43
											2500	2300	2300	2300	2300	2300	2300	2300
9.0								The same of			2200	2000	2000	2000	2000	2000	2000	2000
									1/1		(8.45)	(8.95)	15	22	27	31	34	36
										-			2150	2000	2000	2000	2000	2000
10.0													1850	1750	1750	1750	1750	1750
													(9.45)	(9.95)	14	21	26	29
															1900	1750	1750	1750
11.0															=	1500	1500	1500
															(10.45)	(10.95)	14	19
																	1650	1550
11.81																	1400	1350
																ľ		

C1406-/3-3



Weight of slings & hook block to be added to load Read and understand warning notes before operating crane Loads above bold red line are structural

MANUA	L EXT'N		
MAX LEN	GTH 17.91		
MAX	RC		
RADIUS	1850		
6.72	1850		
	60		
	1600		
9.29	1600		
	50		
	1300		
11.53	1300		
	40		
	1150		
13.35	1150		
	30		
	1050		
14.70	1050		
	20		
	1050		
15.54	950		
	10		
	1050		
15.86	950		
Section 1	0		

NOTE

17.9m Boom length includes Manual 3rd extension. Ratings for Manual extension are structural & based on Boom Angle, not radius. The ratings do not change if the power sections are retracted with the manual extended.

LMI Duty Lifting on RHINO HOOK

02

RC (KG) LESS THAN 10 DEG ARTICULATION
RC (KG) GREATER THAN 10 DEG ARTICULATION
BOOM ANGLE OR (RADIUS AT 0 DEG BOOM ANGL

Weight of slings & hook block to be added to load
Read and understand warning notes before operating crane
Loads above bold red line are structural

BOOM ANGLE OR (RADIUS AT 0 DEG BOOM ANGLE)

Loads above bold red line are structural

NOTE: When using the rhino hook, ensure the winch rope is fully tensioned.

								BO	BOOM LENGTH (m)	NGTH ((m)							
RADIUS	5.95		7.00	7.50	8.00	8.50	9.00	9.50	10.00	10.50	11.00	11.50	12.00	12.50	13.00	13.50	14.00	14.15
	8000		8000	8000														
1.6	8000		8000	8000														
	20	_	57	29														
	8000		8000	8000	8000	8000										The state of the s		
2.0	8000		8000	8000	8000	8000												
	45	_	53	99	58	09												
	8000	8000	8000	8000	8000	8000	8000	8000										
2.5	8000		8000	8000	8000	8000	8000	8000										T
	38	44	48	51	54	56	28	09										Γ
	7750		8000	8000	8000	8000	8000	8000	8000	7950								
3.0	7650		7650	7650	7600	7600	7600	7600	7600	7600								T
	30	\vdash	42	46	49	52	55	57	59	09								
	7250		7250	7250	7200	7200	7200	7200	7200	7200	6300	5700						ig
3.5	6450		6450	6450	6450	6450	6400	6400	6400	6400	6300	5700						
	19	30	36	41	45	48	51	53	55	57	59	09						
	6400	6250	6250	6250	6250	6250	6200	6200	6200	6200	5850	5300	5050	4850				
4.0	2200		5550	5550	5550	5550	5550	5500	5500	5500	5500	5300	5050	4850				ne
	(3.90)		29	35	39	43	46	49	52	54	99	57	59	09				
		5500	5450	5450	5450	5450	5450	5450	5450	5450	5450	4950	4700	4550	4350	4200		
4.5		4900	4850	4850	4850	4850	4850	4850	4800	4800	4800	4800	4700	4550	4350	4200		ok,
		(4.45)	19	28	34	38	42	45	48	50	52	54	56	57	59	09		
			4900	4850	4850	4850	4850	4850	4800	4800	4800	4600	4400	4250	4100	3950	3800	3750 0
9.0			4300	4300	4300	4300	4300	4250	4250	4250	4250	4250	4250	4250	4100	3950	3800	3750
			(4.95)	19	27	33	37	41	44	47	49	51	53	55	99	58	59	29
				4350	3950	3900	3900	3900	3900	3900	3900	3900	3900	3750	3600	3500	3200	3200
0.9				3850	3450	3450	3450	3450	3450	3450	3450	3400	3400	3400	3400	3400	3200	3200
				(5.45)	(2.95)	17	25	31	35	39	42	45	47	49	51	53	54	55
						3550	3250	3250	3250	3250	3250	3250	3200	3200	3100	3000	2900	2850
7.0						3150	2850	2850	2850	2850	2850	2850	2850	2800	2800	2800	2800	2800
						(6.45)	(6.95)	17	24	29	34	37	40	43	45	47	49	
								3000	2750	2750	2750	2750	2750	2700	2700	2700	2600	2550
8.0								2600	2400	2400	2400	2400	2400	2400	2400	2350	2350	
								(7.45)	(7.95)	16	23	28	32	36	38	41	43	44
										2550	2350	2350	2350	2350	2350	2350	2350	2350
0.6										2200	2050	2050	2050	2050	2050	2050	2050	
-										(8.45)	(8.95)	15	22	27	31	34	37	38
												2200	2050	2050	2050	2050	2000	2000
10.0												1900	1750	1750	1750	1750	1750	
												(9.45)	(6.95)	15	21	26	30	31
										1				1900	1800	1750	1750	1750
11.0														1650	1500	1500	1500	1500
														(10.45)	(10.95)	14	20	22
																1650		1550
12.00																1400	1350	1300
														1		(11.45)		(12.00)

LMI Duty Lifting on RHINO HOOK MANUAL EXTENDED

04

RC (KG) LESS THAN 10 DEG ARTICULATION
RC (KG) GREATER THAN 10 DEG ARTICULATION
BOOM ANGLE

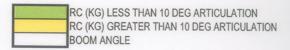
Weight of slings & hook block to be added to load Read and understand warning notes before operating crane Loads above bold red line are structural

MANILIA	L EXT'N			
	GTH 18.20			
MAX	RC			
RADIUS	1750			
7.01	1750			
	60			
	1500			
9.58	1500			
	50			
	1200			
11.82	1200			
	40			
	1050			
13.64	1050			
	30			
	1000			
14.99	1000			
	20			
	1000			
15.83	950			
	10			
	1000			
16.15	900			
	0			

NOTE

18.2m Boom length includes Manual 3rd extension. Ratings for Manual extension are structural & based on Boom Angle, not radius. The ratings do not change if the power sections are retracted with the manual extended.

FLY	JIB
MAX LENG	TH 16.46
MAX	RC
RADIUS	750
6.04	750
	60
	700
8.40	700
	50
	650
10.44	650
	40
	600
12.11	600
	30
	550
13.35	550
	20
	500
14.13	500
	10
	500
14.41	500
	0



Weight of slings & hook block to be added to load Read and understand warning notes before operating crane Loads above bold red line are structural

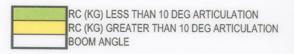
NOTE:

16.46m Boom length includes Flyjib.
Ratings for Flyjib are structural & based on Boom Angle, not radius. The ratings do not change if the power sections are retracted with the Flyjib installed.

LMI Duty
Lifting on FLYJIB
MANUAL EXTENDED

06

MANILIA	L EXT'N
	GTH 20.51
MAX	THE RESERVE OF THE PARTY OF THE
	RC
RADIUS	750
8.07	750
	60
	700
11.00	700
	50
	650
13.54	650
	40
	600
15.62	600
	30
1 4	550
17.15	550
	20
	500
18.11	500
	10
	500
18.46	500
	0



Weight of slings & hook block to be added to load Read and understand warning notes before operating crane Loads above bold red line are structural

NOTE:

20.51m Boom length includes Manual 3rd extension & Flyjib. Ratings for Flyjib are structural & based on Boom Angle, not radius. The ratings do not change if the power sections are retracted with the manual extended.

Weight of slings & hook block to be added to load Read and understand warning notes before operating crane Loads above bold red line are structural

RC (KG) LESS THAN 10 DEG ARTICULATION
RC (KG) GREATER THAN 10 DEG ARTICULATION
BOOM ANGLE OR (RADIUS AT 0 DEG BOOM ANGLE)

				BOO	M LENGT	H (m)			
RADIUS	3.65	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.75
	15000	15000	15000	14500	13650	12550	11700	11200	
1.6	13900	13950	13850	13800	13650	12550	11700	11200	
	(1.60)	24	36	43	48	53	56	59	
		12550	12250	12200	12150	11500	10700	10250	9700
2.0		11150	10850	10800	10750	10700	10650	10250	9700
		(1.95)	26	36	43	48	51	55	59
			9700	9500	9450	9400	9350	9250	8750
2.5			8550	8350	8350	8300	8250	8250	8200
			(2.45)	25	34	41	46	49	54
				7800	7650	7600	7600	7550	7550
3.0				6850	6700	6700	6650	6650	6600
				(2.95)	23	33	39	44	49
					6450	6350	6300	6300	6250
3.5					5650	5550	5500	5500	5450
					(3.45)	22	31	38	44
2007						5400	5350	5350	5300
4.0						4700	4650	4650	4600
						(3.95)	22	30	39
							4650	4600	4550
4.5							4000	3950	3950
					The state of the s		(4.45)	21	32
								4000	3950
5.0								3450	3400
								(4.95)	25
									3450
5.5									2950
		1000							13
									3300
5.7									2800
	-								(5.70)

Weight of slings & hook block to be added to load Read and understand warning notes before operating crane Loads above bold red line are structural

RC (KG) LESS THAN 10 DEG ARTICULATION
RC (KG) GREATER THAN 10 DEG ARTICULATION
BOOM ANGLE OR (RADIUS AT 0 DEG BOOM ANGLE)

				BOO	M LENGT	H (m)			
RADIUS	4.70	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.80
	15000	15000	14650	14000	13050	11900			
1.6	14650	14550	14400	14000	13050	11900			
	39	43	48	53	56	59			
	12900	12850	12700	12600	12000	10900	10150		
2.0	11500	11450	11350	11250	11150	10900	10150		
	31	36	43	48	51	55	57		
	10100	10050	9950	9900	9800	9750	9200	8850	7700
2.5	9000	8950	8850	8800	8700	8650	8600	8550	7700
	15	25	34	41	46	49	53	55	59
	9450	8350	8150	8050	8000	7950	7900	7850	7050
3.0	8400	7400	7200	7150	7100	7000	6950	6950	6850
	(2.65)	(2.95)	23	33	39	44	48	51	55
			6900	6750	6700	6650	6600	6550	6500
3.5			6100	5950	5900	5850	5800	5800	5700
			(3.45)	22	31	38	42	46	51
				5850	5700	5700	5650	5600	5550
4.0				5150	5050	5000	4950	4900	4850
				(3.95)	22	30	36	41	47
					5000	4900	4900	4850	4800
4.5					4400	4300	4250	4250	4200
					(4.45)	21	29	35	42
						4350	4250	4250	4200
5.0		-				3800	3700	3700	3650
						(4.95)	20	28	37
							3800	3750	3700
5.5							3300	3250	3200
			× ×				(5.45)	19	31
								3350	3300
6.0								2900	2850
								(5.95)	24
									2950
6.5			4						2500
									14
									2750
6.8				,	No.				2350
									(6.75

MAXIMUM MANBASKET RC: 275 KG (SEE NOTE BELOW) BASKET WEIGHT: 225 KG

Read and understand warning notes before operating crane

NOTE:

THE TOTAL WEIGHT OF THE MANBASKET PLUS MEN AND EQUIPMENT IS NOT TO EXCEED 1/3 OF THE SAFE WORKING LOAD AS READ ON LOAD CHART (LIFTING ON THE WINCH - DUTY 01) FOR THE BOOM LENGTH AND RADIUS BEING USED.

LMI Duty
Lifting in MANBASKET
MANUAL EXTENDED

13

MANUAL MAX LENG				
MAX	RC			
RADIUS	275			
7.98	275			
	60			
	275			
10.71	275			
	50			
	205			
13.05	205			
	40			
	155			
14.93	155			
	30			
	125			
16.30	125			
	20			
	125			
17.11	90			
	10			
	125			
17.34	90			
	0			

RC (KG) LESS THAN 10 DEG ARTICULATION
RC (KG) GREATER THAN 10 DEG ARTICULATION
BOOM ANGLE

Read and understand warning notes before operating crane Loads above bold red line are structural

NOTE:

17.91m Boom length includes Manual 3rd extension but not Manbasket. Ratings for Manbasket are structural & based on Boom Angle, not radius. The ratings do not change if the power sections are retracted with the manual extended.

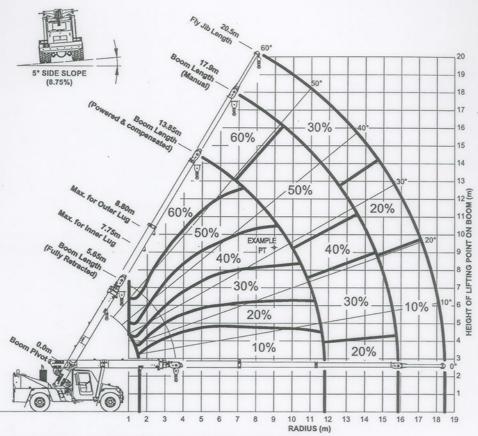


Figure 1: Percentage Deration Chart for AT-15 at 5° Side Slope

Note:

- 1. Percentage deration chart is based on 66.6% stability as per AS 1418.5 with the crane on a firm side slope of 5° (8.75% Gradient).
- 2. The percentage deration is dependent upon the location of the lifting point on the boom.
- 3. The percentage deration should be applied to the Rated Capacity as read off the Rated Capacity chart for the applicable boom length, Loaded Boom Angle, Load Radius and Articulation angle.

Example (For AT-15 Series II Crane, Rated Capacity manual C1406-):

Lifting condition:-

Boom Length:

13.0 m

Loaded Boom Angle:

31°

Load Radius:

9.0 m

Articulation Angle:

Greater than 10°

RC (Level ground):

2000 kg (From Load Chart LMI Duty 01, for above

lifting conditions)

Percentage Deration:

40 % (From Figure 1: Percentage Deration Chart)

RC (5° Slide Slope)

= RC (as per Rated Capacity chart) – Percentage Deration x RC (as per Rated Capacity chart) / 100 %

= 2000 kg - 40% x 2000 kg / 100%

= 1200 kg

